

Las Positas College  
Schedule of Classes  
Fall 2019  
8.12.19

\*\*\*\*\*ADMINISTRATION OF JUSTICE LPC

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AJ 50 INTRO TO ADMIN OF JUSTICE 3.0 Units

History and philosophy of administration of justice in America; recapitulation of the system; identifying the various subsystems, role expectations, and their interrelationships; theories of crime, punishment, and rehabilitation; ethics, education and training for professionalism in the system.

Day 20284 MW 12:30 - 1:45 2206 MCQUISTON 08/19 12/20 OP V01

Eve 20370 Wed 5:00 - 7:50 2206 MCQUISTON 08/19 12/20 OP 093

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AJ 54 INVESTIGATIVE REPORTING 3.0 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: ENG 1A with a minimum grade of C.

Day 22387 TTh 12:30 - 1:45 2206 MCQUISTON 08/19 12/20 GR V01

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AJ 60 CRIMINAL LAW 3.0 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 Code and other code sections; case law, methodology, and concepts of law as a social force.

Eve 21179 Tue 6:00 - 8:50 2490 MEEHAN 08/19 12/20 GR 093

AJ 60-093 is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it

for honors credit. See instructor and visit  
<http://www.laspositascollege.edu/honors>

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AJ 63 CRIMINAL INVESTIGATION 3.0 Units

This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

Eve 20385 Tue 7:00 - 9:50 2206 STEWARD 08/19 12/20 GR 093

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AJ 64 PATROL PROCEDURES 3.0 Units

Responsibilities, techniques of observation, community relations and methods of police patrol. Emphasis on legal practical aspects.

Day 20551 TTh 2:00 - 3:15 2206 MCQUISTON 08/19 12/20 GR V01

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AJ 70 COMMUNITY RELATIONS 3.0 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.

Eve 20285 Tue 4:00 - 6:50 2206 SPILLER 08/19 12/20 GR 093

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AJ 74 GANGS AND DRUGS 3.0 Units

Definition of a gang and gang activity. Historical and cultural aspects. Interrelationships among local, national and international gangs, including prison gangs. Gang activity in relation to drug trafficking.

Eve 23272 Wed 4:00 - 6:50 2205 HARTER 08/19 12/20 OP 093

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AJ 9965 INTERNAL AFFAIRS INVESTIGATION 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.

Day 22485 WThF 8:00 - 5:00 \*089 TUCKER 10/02 10/04 P/N 091  
offsite room \*089 meets at ..... SANTA RITA JAIL  
5325 BRODER BLVD.  
DUBLIN, CA

This course will meet offsite at the Alameda County Sheriff's Office Regional Training Center located at 6289 Madigan Road, Dublin, CA 94568. To initiate enrollment for this course, or get further information, contact the Regional Training Center at 925-551-6970 or <http://www.sheriffacademy.com>

Day 22966 MTW 8:00 - 5:00 \*089 TUCKER 12/09 12/11 P/N 092  
offsite room \*089 meets at ..... SANTA RITA JAIL  
5325 BRODER BLVD.  
DUBLIN, CA

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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

Day 22088 Daily 40.5 hrsTBA \*089 TUCKER 08/19 08/30 P/N 091  
offsite room \*089 meets at ..... SANTA RITA JAIL  
5325 BRODER BLVD.  
DUBLIN, CA

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enrollment for this course, or get further information, contact the Regional Training Center at 925-551-6970 or <http://www.sheriffacademy.com>  
Day 22089 Daily 40.5 hrsTBA \*089 TUCKER 09/09 09/20 P/N 092  
offsite room \*089 meets at ..... SANTA RITA JAIL  
5325 BRODER BLVD.  
DUBLIN, CA

\*\*\*\*\*AMERICAN SIGN LANGUAGE LPC

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ASL 1A AMERICAN SIGN LANGUAGE I 3.0 Units

Introduction to American Sign Language (ASL) including expressive and receptive sign, the manual alphabet, facial expression, and body gestures. Emphasis on conversational skills in functional situations, knowledge of Deaf culture and the Deaf community.

Day 20572 MW 11:00 -12:15 1641 RUSSO 08/19 12/20 GR V01  
Day 22501 MW 9:30 -10:45 1052 RUSSO 08/19 12/20 GR V02  
Eve 20375 TTh 5:30 - 6:45 105 COLE 08/19 12/20 GR 093

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ASL 1B AMERICAN SIGN LANGUAGE II 3.0 Units

Continued development of American Sign Language (ASL) receptive/expressive skills and knowledge learned in ASL 1A. Emphasis on conversational skills in functional situations, continued vocabulary and sentence structure expansion, and knowledge of Deaf culture and the Deaf community. Prerequisite: ASL 1A with a minimum grade of C

Eve 21838 Th 7:00 - 9:50 105 COLE 08/19 12/20 GR 093

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ASL 2A AMERICAN SIGN LANGUAGE III 3.0 Units

Further development of American Sign Language (ASL) receptive/expressive skills and knowledge learned in ASL 1B. Emphasis on conversational skills in functional situations, continued vocabulary expansion and knowledge of Deaf culture and the Deaf community. Prerequisite: American Sign Language 1B (with a grade of "C" or higher).

Eve 20373 Tue 7:00 - 9:50 104 COLE 08/19 12/20 GR 093



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ANTR 2 INTRODUCTION TO ARCHAEOLOGY 3.0 Units

This course is an introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences. Strongly Recommended: Eligibility for ENG 1A

Day 22729 MW 12:30 - 1:45 1061 CEARLEY 08/19 12/20 OP V01

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ANTR 3 CULTURAL ANTHROPOLOGY 3.0 Units

This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues: how people around the world make their living (subsistence patterns); how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world (belief systems); how they express themselves creatively (expressive culture); how they make distinctions among themselves such as through applying gender, racial and ethnic identity labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Ethnographic case studies highlight these similarities and differences, and introduce students to how anthropologists do their work, employ professional anthropological research ethics and apply their perspectives and skills to understand humans around the globe. Strongly recommended: Eligibility for ENG 1A.

Day 20953 MW 9:30 -10:45 1056 HASTEN 08/19 12/20 OP V01

Day 20954 MW 11:00 -12:15 1056 HASTEN 08/19 12/20 OP V02

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ANTR 5 CULTURES OF THE U.S. IN GLOBAL 3.0 Units

Issues relevant to understanding race, class, gender and ethnicity within the American setting. Historical as well as contemporary situation of the following groups: 1) African Americans; 2) Native Americans; 3) Hispanic Americans; 4) European Americans; and, 5) Asian Americans, among other groups. Emphasis on analyzing the way that public understandings of culture and biology

are translated into social policy. Contemporary social issues such as race relations, multiculturalism, affirmative action, bilingual education, and the use and abuse of I.Q. testing.

Day 23209 MW 11:00 -12:15 1056 MURRAY 08/19 12/20 OP V01

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ANTR 12 MAGIC/RELIGION/WITCHCRAFT/HEAL 3.0 Units

Cross-cultural perspectives on spirituality, religious practice, myth, ancestor beliefs, witchcraft and the variety of religious rituals and practitioners found in the cultures of the world. Examination of the cosmologies of different cultures through the anthropological perspective. Emphasis is placed on how knowledge of the religious practices and beliefs of others can help us to understand the multicultural world in which we live. Comparison of the ways in which diverse cultures confront the large and fundamental questions of existence: those dealing with the meaning life, birth and death, and with the relationship of humans to each other and to their universe. Strongly Recommended: Eligibility for ENG 1A

Day 21565 TTh 12:30 - 1:45 1056 CEARLEY 08/19 12/20 GR V01

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ANTR 13 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units

Introductory course in the application of physical anthropology to the medico-legal process with an emphasis on the identification of human skeletal remains. Includes basic human osteology and odontology , assessment of age at time of death, sex, ancestry, trauma analysis, pathology, and general physical characteristics including height and weight based upon minimal skeletal remains. Estimation of time since death, crime scene analysis, animal scavenging, and identification procedures. Strongly Recommended: Eligibility for ENG 1A

Day 20955 Th 2:00 - 4:50 1061 CEARLEY 08/19 12/20 OP V01

\*\*\*\*\*ART - HISTORY LPC

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ARHS 1 INTRO TO ART HISTORY 3.0 Units

Architecture, sculpture, painting, photography and design in relation to human inventiveness in providing for material and aesthetic needs. 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 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. 3 hours lecture. Strongly Recommended: Eligibility for ENG 1A

Day 20749 MW 12:30 - 1:45 105 RENTERIA 08/19 12/20 OP V01

Eve 22915 Tue 4:00 - 6:50 1008 RENTERIA 08/19 12/20 OP 093

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ARHS 2 ART OF THE ANCIENT AMERICAS 3.0 Units

Survey of visual culture within the historical context of and South America up to European contact. Strongly Recommended: ENG 1A with a minimum grade of C

Day 23210 TTh 12:30 - 1:45 1060 RENTERIA 08/19 12/20 OP V01

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ARHS 4 WESTERN ART HISTORY- ANCIENT 3.0 Units

History of Western art from prehistoric times through Egyptian, Mesopotamian, Aegean, Greek, Etruscan, Roman, Early Christian, Byzantine, Medieval, Romanesque, and Gothic civilizations. Strongly Recommended: Eligibility for ENG 1A

Day 20750 MW 11:00 -12:15 105 RENTERIA 08/19 12/20 OP V01

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ARHS 5 WESTERN ART HIST- RENAISSANCE 3.0 Units

History of Western art from Early Renaissance, High Renaissance, Mannerism, Baroque, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, 20th Century developments of American art. Strongly Recommended: Eligibility for ENG 1A

Day 20751 TTh 11:00 -12:15 106 RENTERIA 08/19 12/20 OP V01

Day 21977 MW 9:30 -10:45 1058 SAUZADE 08/19 12/20 OP V02

\*\*\*\*\*ART - LPC



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**ARTS 2A INTRODUCTION TO DRAWING****3.0 Units**

Introduction to principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Focus on perceptually based drawing, observational skills, technical abilities, and creative responses to materials and subject matter.

Day 20757 MW 8:00 - 8:50 502 WAGNER 08/19 12/20 OP V01

Lab MW 9:00 - 10:50 502 08/19 12/20 OP

Day 20758 MW 11:00 - 11:50 502 WAGNER 08/19 12/20 OP V02

Lab MW 12:00 - 1:50 502 08/19 12/20 OP

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**ARTS 7A INTRO TO WATERCOLOR PAINTING****3.0 Units**

Introduction to principles, elements, and practices of watercolor painting. Focus on exploration of painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. Strongly Recommended: ARTS 2A with a minimum grade of C

Day 20753 MW 2:00 - 2:50 501 SATTERTHWAI 08/19 12/20 OP V01

Lab MW 3:00 - 4:50 501 08/19 12/20 OP

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**ARTS 7B WATERCOLOR PAINTING****3.0 Units**

Development of knowledge and skills introduced in Arts 7A with an emphasis on experimenting with the watercolor medium, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter. Prerequisite: ARTS 7A with a minimum grade of C Strongly Recommended: ARTS 2A with a minimum grade of C

Day 20754 MW 2:00 - 2:50 501 SATTERTHWAI 08/19 12/20 OP V01

Lab MW 3:00 - 4:50 501 08/19 12/20 OP

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**ARTS 7C ADVANCE WATERCOLOR PAINTING I****3.0 Units**

Development of knowledge and skills introduced in 7B directed towards individual needs with an emphasis on individual expression. Prerequisite:

ARTS 7B with a minimum grade of C Strongly Recommended: ARTS 2A with a minimum grade of C

Day 20755 MW 2:00 - 2:50 501 SATTERTHWAI08/19 12/20 OP V01  
Lab MW 3:00 - 4:50 501 08/19 12/20 OP

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ARTS 7D ADVANCE WATERCOLOR PAINTING II 3.0 Units

Advanced projects in watercolor painting with emphasis on demonstrating functional competence and an intellectual understanding of personal ideas. Further development of knowledge and skills introduced in 7C directed towards individualized needs. Prerequisite: ARTS 7C with a minimum grade of C Strongly Recommended: ARTS 2A with a minimum grade of C

Day 20756 MW 2:00 - 2:50 501 SATTERTHWAI08/19 12/20 OP V01  
Lab MW 3:00 - 4:50 501 08/19 12/20 OP

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ARTS 12A OIL/ACRYLIC PAINTING: BEGIN I 3.0 Units

Introduction to painting using oil or acrylic paints. Students will apply the principles and elements of design, in addition to color theory, to their own paintings. Students will make studies from observation, study works by the masters, and learn to express their own ideas through painting. Strongly Recommended: ARTS 2A with a minimum grade of C

Day 20759 TTh 11:00 -11:50 501 WAGNER 08/19 12/20 OP V01  
Lab TTh 12:00 - 1:50 501 08/19 12/20 OP

If students do not currently have oil/acrylic painting supplies, they can expect to buy approximately \$200-\$300 in art supplies in order to take this course. If there are any questions related to the 13 series of Acrylic Painting courses, please send inquiries to <mailto:dwagner@laspositascollege.edu>

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ARTS 12B OIL/ACRYLIC PAINTING: BEGIN II 3.0 Units

Second level course in painting using oil or acrylic paints. With the skills and knowledge gained in ARTS 12A, students will apply the principles and elements of design, in addition to color theory, to their own paintings. Students will make intermediate level studies from observation, study works by the masters, and learn to express their own ideas through painting.

Prerequisite: ARTS 12A with a minimum grade of C Strongly Recommended: ARTS 2A with a minimum grade of C

Day 20760 TTh 11:00 -11:50 501 WAGNER 08/19 12/20 OP V01  
Lab TTh 12:00 - 1:50 501 08/19 12/20 OP

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ARTS 12C OIL/ACRYLIC PAINTING: ADV I 3.0 Units

Advanced projects in oil or acrylic painting with an emphasis on individual creative work and development of personal ideas and style. Prerequisite: ARTS 12B with a minimum grade of C Strongly Recommended: ARTS 2A with a minimum grade of C

Day 20761 TTh 11:00 -11:50 501 WAGNER 08/19 12/20 OP V01  
Lab TTh 12:00 - 1:50 501 08/19 12/20 OP

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ARTS 12D OIL/ACRYLIC PAINTING: ADV II 3.0 Units

Advanced projects in oil or acrylic painting with emphasis on developing ideas, skills, and knowledge. Students hone their painting through practice and critique; this course requires self direction. Prerequisite: ARTS 12C with a minimum grade of C Strongly Recommended: ARTS 2A with a minimum grade of C

Day 20762 TTh 11:00 -11:50 501 WAGNER 08/19 12/20 OP V01  
Lab TTh 12:00 - 1:50 501 08/19 12/20 OP

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ARTS 23 2-D DESIGN 3.0 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.

Day 21119 MW 9:30 -10:20 501 SATTERTHWAI 08/19 12/20 OP V01  
MW 10:30 -12:20 501 08/19 12/20 OP

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ARTS 24 3-D DESIGN

3.0 Units

Introduction to the concepts, applications, and historical references related to 3-dimensional design and spatial composition, including the study of the elements and organizing principles of design as they apply to 3-dimensional space and form. Development of a visual vocabulary for creative expression through lecture presentations and use of appropriate materials for 3-dimensional studio projects.

Eve 21120 TTh 7:00 - 7:50 501 ROBERTS 08/19 12/20 OP 093  
TTh 8:00 - 9:50 501 08/19 12/20 OP

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ARTS 26 COLOR THEORY

3.0 Units

This course is an introduction to the characteristics of color and its interaction. Major color theorists will be presented such as Itten and Albers. Assignments will include creative application of color theory in various media including computers. Development of a visual vocabulary for creative expression through lecture presentations, studio projects, problem solving, and written assignments.

Day 23215 TTh 8:00 - 8:50 501 WAGNER 08/19 12/20 OP V01  
Lab TTh 9:00 - 10:50 501 08/19 12/20 OP

\*\*\*\*\*ASTRONOMY

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ASTR 10 THE SOLAR SYSTEM

3.0 Units

Introduction to history and physical principles of astronomy, focusing on our Solar System. Includes: constellations; distance scales; historical development of astronomy; gravitation; motion of the earth, moon and planets; astronomical tools; formation and evolution of the solar system; physical properties, atmosphere, and evolution of the earth, moon, and planets within the solar system; asteroids, comets, and other small bodies; discovery of extra-solar planets; possibilities for life beyond Earth. Designed for non-majors in mathematics or physical science. A companion science lab, Astronomy 30, is also available.

Eve 22084 MW 5:30 - 6:45 1058 COMBS 08/19 12/20 OP 093  
Web 20166 By Arr 3.0 Hrs/Wk ONLINE HARPELL 08/19 12/20 OP DE1  
ASTR 10-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

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**ASTR 20 STARS AND THE UNIVERSE 3.0 Units**

Introduction to study of stars, galaxies, and cosmology. Includes the nature of light and matter, telescopes, spectroscopy, stellar formation and evolution, galaxies, quasars, and cosmology. Designed for non-majors in mathematics or a physical science. A companion science lab, Astronomy 30, is also available.

Day 22702 MW 2:00 - 3:15 1060 COMBS 08/19 12/20 OP V01

Eve 20085 TTh 5:30 - 6:45 1871 POWELL 08/19 12/20 OP 093

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**ASTR 30L INTRODUCTION TO ASTRONOMY LAB 1.0 Units**

Introduction to laboratory principles and techniques in astronomy. Includes: observational techniques such as naked eye, binocular, and telescopic identification of stars, planets, constellations, and deep sky objects; telescope operation and imaging; spectroscopy, motions of the sun, moon and planets. Prerequisite: ASTR 10 or ASTR 20 with a minimum grade of C (May be taken concurrently)

Eve 22909 Lab Tue 7:00 - 9:50 1831 POWELL 08/19 12/20 OP 093

\*\*\*\*\*AUTOMOTIVE TECHNOLOGY LPC

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**AUTO A9 LIGHT VEHICLE DIESEL ENGINES 4.0 Units**

An in depth study of diesel engines: mechanical, measurement, and assembly. A study of the above mentioned components including theory, teardown, evaluate, qualifying, and rebuilding. Diesel engine performance including emissions, turbos, exhaust and intake systems. This class's emphasis is on diesel engines and diesel engine performance/emissions. Students are encouraged to enroll in Automotive Lab concurrently. Prerequisite: AUTO INTR with a minimum grade of C May be taken concurrently

Day 23270 MW 8:00 - 8:50 817 JOHNSON 08/19 12/20 OP V01

Lab MW 9:00 - 11:50 809 08/19 12/20 OP

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AUTO L1 ADVANCED ENGINE PERFORMANCE 5.0 Units

Continuation of Automotive Technology A6 and A8 with with an emphasis on diagnosis of electronic problems including computer controlled circuits/systems using schematics, diagnostic procedures and equipment. Students are strongly recommended to enroll in Automotive Lab concurrently.

Day 23268 TTh 8:00 - 8:50 817 JOHNSON 08/19 12/20 OP V01  
Lab TTh 9:00 - 11:50 809 08/19 12/20 OP

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AUTO L3 LIGHT DUTY HYBRID/ELECTRIC VE. 4.0 Units

A study in the history, current and future of alternative fuels, hybrids and electric vehicles in the automotive industry. Emphasis in shop safety, hazardous waste handling, high voltage electrical precautions, basic engine construction of hybrids, battery storage systems, fuel storage systems, compressed natural gas, liquid propane gas, bio-diesel and hydrogen cell technology. Students are strongly recommended to enroll in Automotive Lab concurrently. Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently)

Day 23269 TTh 1:00 - 1:50 817 JOHNSON 08/19 12/20 OP V01  
Lab TTh 2:00 - 4:50 809 08/19 12/20 OP

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AUTO INTR AUTO SERVICE & INTRODUCTION 4.0 Units

Bumper-to-Bumper Automotive Knowledge. Starting with hazardous waste handling, tool identification, maintenance and lubrication, moving into engine mechanical, emissions controls, suspension systems, air conditioning, airbags and safety, transmissions, axles, and finishing off with the future of the automotive industry. This is an introductory class for people who want to know more about their vehicle or who are planning an automotive career.

Eve 22085 Mon 6:00 - 7:05 817 HAGOPIAN 09/03 12/20 OP LE1  
Lab Mon 8:00 - 10:10 817 09/03 12/20 OP  
Lab Wed 6:00 - 10:10 817 09/03 12/20 OP

Sat 22086 Sat 9:00 - 10:50 817 HAGOPIAN 08/19 12/20 OP WE1  
Lab Sat 11:00 - 4:50 809 08/19 12/20 OP

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AUTO L1L2 SMOG LEVEL ONE AND LEVEL TWO

5.5 Units

This course includes classes/modules the State of California's requires for a student/automotive technician to be prepared to take their Smog License Test. This class will include Level One and Level Two smog training only. At the end of the class students may or may not qualify for either EI or EO smog license. See [www.smogcheck.ca.gov](http://www.smogcheck.ca.gov) for more information.

Eve 23271 TTh 6:00 - 7:50 817 WESTON 08/19 12/20 OP 093  
Lab TTh 8:00 - 9:15 809 08/19 12/20 OP

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AUTO LABA AUTOMOTIVE LAB

2.0 Units

Automotive Lab is an open laboratory class for basic automotive students. This class is for students desiring to expand their hands-on experience using their own vehicle. Instructor will provide technical and supervisory support to guide students in completion of their self initiated projects. Service information via computer service manuals will be available for students to use for vehicle information and research. Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently).

Day 22386 Lab MW 1:00 - 3:50 809 JOHNSON 08/19 12/20 OP V01

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AUTO LABB AUTOMOTIVE LAB ADVANCED

2.0 Units

Automotive Lab Advanced is an open laboratory class for advanced automotive students. This class is for students desiring to expand their hands-on experience using their own vehicle. Instructor will provide technical and supervisory support to guide students in completion of their self initiated projects. Students are expected to help others in class and be able to work without guidance. Service information via computer service manuals will be available for students to use for vehicle information and research. Class is recommended for second year students only. Prerequisite: AUTO INTR and AUTO LABA with a minimum grade of C

Day 22920 Lab MW 1:00 - 3:50 809 JOHNSON 08/19 12/20 OP V01

\*\*\*\*\*BIOLOGICAL SCIENCES LPC

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**BIO 1A GENERAL BOTANY****5.0 Units**

Diversity, structure and function of plant, fungal, and protistan phyla. Topics include development, morphology, physiology and systematics. Principles of population and community ecology and ecosystem interactions. (Note: Formerly BOTN 1.) Prerequisite: MATH 55 or 55B or Strongly Recommended: BIO 30

Day 21961 MW 11:30 -12:45 1872 SHULDMAN 08/19 12/20 GR V01

Lab TTh 10:30 - 1:20 1855 08/19 12/20 GR

Day 23870 TTh 1:30 - 2:45 1871 PETERSEN 08/19 12/20 GR V02

Lab MW 1:00 - 3:50 1855 08/19 12/20 GR

Eve 21962 MW 5:00 - 6:15 1873 NAKASE 08/19 12/20 GR 093

Lab MW 6:30 - 9:20 1855 08/19 12/20 GR

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

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**BIO 1B GENERAL ZOOLOGY****5.0 Units**

Major groups of animal phyla and heterotrophic unicellular eukaryotes. Topics include comparative structure and function, development, ecology, taxonomy, phylogeny, evolution, and behavior. Designed for majors in biological sciences and related fields. (Note: Formerly ZOO 1.) Prerequisite: Math 55 or 55B with a minimum grade of C or an appropriate skill level demonstrated through the mathematics assessment process Strongly Recommended: BIO 30 with a minimum grade of C

Day 21968 MW 11:30 -12:45 1874 JUDD 08/19 12/20 GR V01

Lab TTh 10:30 - 1:20 1851 08/19 12/20 GR

Day 22101 MW 1:00 - 2:15 1814 BOAZ 08/19 12/20 GR V02

Lab TTh 2:00 - 4:50 1851 08/19 12/20 GR

Eve 21969 MW 5:00 - 6:15 1872 RATSIRARSON 08/19 12/20 GR 093

Lab MW 6:30 - 9:20 1851 08/19 12/20 GR

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**BIO 1C CELL AND MOLECULAR BIOLOGY****5.0 Units**

Principles of cell and molecular biology. Includes biochemistry, cell structure and function, cell homeostasis, cell metabolism, cell reproduction, cell communication, genetics, molecular biology, biotechnology, and evolution. Emphasis on scientific inquiry and experimental design. (Note: Formerly BIOL 1.) Prerequisite: BIO 1A or BIO 1B, MATH 55 and CHEM 1A with a minimum grade of C Eligibility for ENG 1A

Day 21941 WF 8:00 - 9:15 1872 ERNST 08/19 12/20 GR V01

Lab WF 10:00 - 12:50 1854 08/19 12/20 GR

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**BIO 7A HUMAN ANATOMY****5.0 Units**

Structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health related majors. Prerequisite: BIO 30 with a minimum grade of C Strongly Recommended: Eligibility for ENG 1A

Day 21935 MW 9:30 - 10:45 1858 LAL 08/19 12/20 GR V01

Lab MW 11:00 - 1:50 1858 08/19 12/20 GR

Day 21936 TTh 9:30 - 10:45 1858 HIGHT 08/19 12/20 GR V02

Lab TTh 11:00 - 1:50 1858 08/19 12/20 GR

Day 23876 MW 11:30 - 12:45 1814 ZERMENO 08/19 12/20 GR V03

Lab MW 2:00 - 4:50 1858 08/19 12/20 GR

Day 23911 Fri 8:00 - 9:15 1814 AGOSTINI 08/19 12/20 GR V04

Fri 12:45 - 2:00 1858 08/19 12/20 GR

Lab Fri 2:05 - 4:55 1858 08/19 12/20 GR

Lab Fri 9:20 - 12:10 1858 08/19 12/20 GR

Eve 21940 MW 5:00 - 6:15 1858 AZEVEDO 08/19 12/20 GR 093

Lab MW 6:30 - 9:20 1858 08/19 12/20 GR

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BIO 7B HUMAN PHYSIOLOGY

5.0 Units

Function and regulation of the human body. This course examines general, cellular, and molecular interactions that integrate the organ systems to maintain homeostasis. Human responses and computer simulations are used to collect and analyze data. Designed for nursing, physical and occupational therapy, and other health sciences majors. Prerequisite: BIO 7A and CHEM 1A or CHEM 30A or CHEM 31 with a minimum grade of C Strongly Recommended: CHEM 30B with a minimum grade of C and Eligibility for ENG 1A and

Day 21966 MW 9:30 -10:45 1826 HIGHT 08/19 12/20 GR V01

Lab MW 11:00 - 1:50 1810 08/19 12/20 GR

Day 21967 TTh 12:30 - 1:45 1814 CARBONE 08/19 12/20 GR V02

Lab TTh 2:00 - 4:50 1810 08/19 12/20 GR

Day 22956 TTh 8:00 - 9:15 1816 KATZ 08/19 12/20 GR V03

Lab TTh 9:30 -12:20 1810 08/19 12/20 GR

Eve 22102 TTh 5:00 - 6:15 1051 FITZGERALD 08/19 12/20 GR 093

Lab TTh 6:30 - 9:20 1810 08/19 12/20 GR

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

Eve 23919 MW 4:15 - 5:30 1814 Staff - LP08/19 12/20 GR 094

Lab MW 5:45 - 8:25 1810 08/19 12/20 GR

BIO 7C MICROBIOLOGY

5.0 Units

This course focuses on viruses, bacteria, fungi, protozoans, and helminths, with an emphasis on their relationship to humans. Cultivation, control, metabolism, body's defense against disease, microbial genetics, laboratory tests, and contemporary diseases are discussed. Methods used in the laboratory include standard bacteriological techniques (culturing, staining, biochemical testing, sensitivity testing etc.) as well as some molecular and immunological techniques, such as PCR and ELISA. Laboratory work also includes identification of unknowns, and/or independent research projects. Prerequisite: BIO 30, CHEM 30A or CHEM 1A with a minimum grade of C Strongly Recommended: ENG 1A with a minimum grade of C

Day 21964 TTh 9:00 -10:15 1854 ZINGG 08/19 12/20 GR V01

Lab TTh 10:30 - 1:20 1854 08/19 12/20 GR

Day 21965 TTh 12:00 - 1:15 101 DOLAN 08/19 12/20 GR V02

Lab TTh 2:00 - 4:50 1854 08/19 12/20 GR

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located

throughout the campus.

Eve 22957 MW 5:00 - 6:15 1854 ZINGG 08/19 12/20 GR 093  
Lab MW 6:30 - 9:20 1854 08/19 12/20 GR

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**BIO 10 INTRO TO THE SCIENCE OF BIOL 4.0 Units**

This course focuses on basic principles of biology, including scientific investigation and the study of the nature of living things. Focus is on student understanding of evolution and the unity and diversity of life from the molecular level to ecosystems and biosphere. Designed for non-majors in biology and biomedical sciences.

Day 21942 TTh 12:30 - 1:45 1058 NAKASE 08/19 12/20 OP V01  
Lab Tue 2:00 - 4:50 1855 08/19 12/20 OP  
Day 21943 TTh 12:30 - 1:45 1058 NAKASE 08/19 12/20 OP V02  
Lab Th 2:00 - 4:50 1855 08/19 12/20 OP

Eve 21944 TTh 5:00 - 6:15 1872 RIENSCHKE 08/19 12/20 OP 093  
Lab Tue 6:30 - 9:20 1855 08/19 12/20 OP  
Eve 21945 TTh 5:00 - 6:15 1872 RIENSCHKE 08/19 12/20 OP 094  
Lab Th 6:30 - 9:20 1855 08/19 12/20 OP

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

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**BIO 20 CONTEMPORARY HUMAN BIOLOGY 3.0 Units**

A study of the Human organism, beginning at the cellular level, emphasizing organ systems, and also including topics of genetics and biotechnology. (Note: Formerly BIOL 20.)

Eve 21946 TTh 4:00 - 5:15 1874 CHOVNICK 08/19 12/20 GR 093  
Web 21970 By Arr 3.0 Hrs/Wk ONLINE CHOVNICK 08/19 12/20 GR DE1  
BIO 20-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

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## BIO 30 INTRO TO COLLEGE BIOLOGY

4.0 Units

Basic principles of biology. Cell structure and function, cell division, cell metabolism, reproduction, genetics, taxonomy, origin of life, and evolution. Laboratory emphasis on developing various laboratory skills, using the metric system, collecting data, graphing, interpreting data, and preparing for and taking laboratory exams. Designed to prepare the necessary concepts and laboratory skills and experience that are needed to succeed in more advanced courses in biology. (Note: Formerly BIOL 31.) Strongly Recommended: MATH 110 or MATH 110B and Eligibility for ENG 1A

Day 21947	TTh	1:00 - 2:15	1872	PONCIANO	08/19 12/20 GR	V01
	Lab Fri	8:00 -10:50	1851		08/19 12/20 GR	
Day 21948	TTh	1:00 - 2:15	1872	PONCIANO	08/19 12/20 GR	V02
	Lab Fri	11:30 - 2:20	1851		08/19 12/20 GR	
Day 21949	MW	9:30 -10:45	1874	CARBONE	08/19 12/20 GR	V03
	Lab Mon	11:30 - 2:20	1851		08/19 12/20 GR	
Day 21950	MW	9:30 -10:45	1874	CARBONE	08/19 12/20 GR	V04
	Lab Wed	11:30 - 2:20	1851		08/19 12/20 GR	
Day 21951	MW	12:30 - 1:45	1871	WILSON	08/19 12/20 GR	V05
	Lab Mon	2:45 - 5:35	1851		08/19 12/20 GR	
Day 21952	MW	12:30 - 1:45	1871	WILSON	08/19 12/20 GR	V06
	Lab Wed	2:45 - 5:35	1851		08/19 12/20 GR	
Day 21953	TTh	9:00 -10:15	1874	BOAZ	08/19 12/20 GR	V07
	Lab Mon	8:30 -11:20	1851		08/19 12/20 GR	
Day 21954	TTh	9:00 -10:15	1874	BOAZ	08/19 12/20 GR	V08
	Lab Wed	8:30 -11:20	1851		08/19 12/20 GR	
Day 21955	TTh	12:30 - 1:45	1874	Staff - LP	08/19 12/20 GR	V09
	Lab Fri	12:30 - 3:20	1855		08/19 12/20 GR	
Day 21956	TTh	12:30 - 1:45	1874	Staff - LP	08/19 12/20 GR	V10
	Lab Fri	9:00 -11:50	1855		08/19 12/20 GR	
Eve 21957	TTh	5:30 - 6:45	1874	PETERSON	08/19 12/20 GR	093
	Lab Tue	7:00 - 9:50	1851		08/19 12/20 GR	
Eve 21958	TTh	5:30 - 6:45	1874	PETERSON	08/19 12/20 GR	094
	Lab Th	7:00 - 9:50	1851		08/19 12/20 GR	

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

## BIO 40 HUMANS AND THE ENVIRONMENT

3.0 Units

Introduction to environmental issues from a scientific perspective, focusing on physical, chemical, and biological processes within the Earth system, the

interaction between humans and these processes, and the role of science in finding sustainable solutions. Topics include ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management. Strongly Recommended: Eligibility for ENG 1A

Day 21963 By Arr 3.0 Hrs/Wk ONLINE SHULDMAN 08/19 12/20 OP DE1  
BIO 40-DE1 is an online course. For more information, see the section titled  
Online Learning in this or go to  
<http://www.laspositascollege.edu/onlinelearning>

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BIO 50 ANATOMY AND PHYSIOLOGY 4.0 Units

Structure and function of the human body is studied. Emphasis on human anatomy and physiological principles at the cellular and systemic level. Designed primarily for majors in paramedic and medical assisting programs and pre-medical students who wish to explore the realm of anatomy and physiology.

Day 21959 TTh 2:30 - 3:45 1872 WATERS 08/19 12/20 GR V01  
Lab Th 4:00 - 6:50 1858 08/19 12/20 GR

Day 21960 TTh 9:30 -10:45 1872 YANCEY 08/19 12/20 GR V02  
Lab Fri 9:00 -11:50 1810 08/19 12/20 GR

Use of a college computer laboratory requires the purchase of a print fee card obtained from the Las Positas College Bookstore or vending machines located throughout the campus.

Day 22958 TTh 11:00 -12:15 1814 ROGHANI 08/19 12/20 GR V03  
Lab Fri 12:30 - 3:20 1810 08/19 12/20 GR

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BIO 55 ORIENTATION TO HEALTH CARE 2.0 Units

Examine physiological, psychological, ethical, social, and public health issues. Introduce the workings of the human body and mind and explore the relationship between health and larger cultural and societal issues. Introduce medical terminology. Review diseases, including causes, symptoms, how they affect the body systems, and treatment options available. Investigate, analyze, and evaluate professional opportunities, educational requirements and personal characteristics with the intent to acquire insight into careers in the allied health field, with specific focus on transfer science, clinical programs (pre-nursing, EMT, surgical technology, medical assisting), and health administrative support. Gain the academic framework and perspective necessary to pursue a career in health sciences, as well as benefit anyone confronting health care issues in today's complex world.

Eve 23860 Wed 5:00 - 6:40 1859 CHOVNICK 08/19 12/20 OP 093

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BIO 60 MARINE BIOLOGY 4.0 Units

Ocean as a habitat, the organisms that inhabit marine waters, their ecology, adaptations and evolution, and the role of the ocean in the ecology of the biosphere. (Note: Formerly BIOL 5.)

Day 22959 MW 12:30 - 1:45 1641 OKIMURA 08/19 12/20 OP V01  
Lab Wed 2:30 - 5:20 1810 08/19 12/20 OP

\*\*\*\*\*BUSINESS LPC

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BUSN 1A FINANCIAL ACCOUNTING 4.0 Units

A study of accounting as an information system; examining why it's important, and how it's used by investors and creditors to make decisions. Includes the recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles and comparing it to international financial reporting standards, preparation and analysis of the classified financial statements for merchandising and service companies. Also includes issues related to recording and valuation of assets, liabilities, equities and cashflow, recognition of revenues, expenses using effective internal controls and ethical standards. (Formerly Principles of Accounting 1A).

Day 20655 TTh 10:00 - 11:50 1057 CHOPRA 08/19 12/20 GR V01  
Lab Tue 12:00 - 12:50 1057 08/19 12/20 GR

Day 20280 MW 12:30 - 2:20 1058 CHOPRA 08/19 12/20 GR V02  
Lab Mon 2:30 - 3:20 1058 08/19 12/20 GR

Eve 20279 MW 5:00 - 6:50 1057 AMANCHERLA 08/19 12/20 GR 093  
Lab Mon 7:00 - 7:50 1057 08/19 12/20 GR

Eve 20452 TTh 4:00 - 5:50 1057 BELL 08/19 12/20 GR 094  
Lab Tue 6:00 - 6:50 1057 08/19 12/20 GR

Web 21574 By Arr 5.0 Hrs/Wk ONLINE YAP 08/19 12/20 GR DE1  
BUSN 1A-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositacollege.edu/onlinelearning>

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**BUSN 1B MANAGERIAL ACCOUNTING****4.0 Units**

A study of the use and reporting of accounting data for managerial planning, cost control, and decision making purposes. Includes broad coverage of concepts, structures, classifications, and behaviors of costs. Topics include; cost systems, job costing, process costing, activity based costing, relationship between cost, volume and profitability, relevant range, standard costing, profit planning and budgeting, static and flexible budgeting, responsibility accounting and segment reporting, absorption and variable costing and capital expenditure decisions. (Formerly Principles of Accounting 1B). Prerequisite: BUSN 1A with a minimum grade of C Internet access is required for all BUSN 1B sections.

Day 20433 TTh 12:30 - 2:20 2460 BELL 08/19 12/20 GR V01  
Lab Tue 2:30 - 3:20 2460 08/19 12/20 GR

Eve 22079 MW 5:00 - 6:50 1059 CHOPRA 08/19 12/20 GR 093  
Lab Mon 7:00 - 7:50 1059 08/19 12/20 GR

Web 21796 By Arr 5.0 Hrs/Wk ONLINE CHOPRA 08/19 12/20 GR DE1  
BUSN 1B-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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**BUSN 18 BUSINESS LAW****4.0 Units**

A study of the legal environment of business. Covering laws and regulations impacting business transactions. Introduction to the legal process. Topics include sources of legal concepts and ethics, torts, contracts, UCC, warranties, product liability, consumer financial transactions, environmental, competition, agency, employment and labor, business organizations, and judicial and administrative processes. Strongly Recommended: BUSN 40 and ENG 1A with a minimum grade of C

Day 20290 MW 9:30 - 11:20 1059 COLEMAN 08/19 12/20 GR V01  
Internet access is required for all sections of BUSN 18

Day 22841 TTh 2:00 - 3:50 1057 COLEMAN 08/19 12/20 GR V02  
Internet access is required for all sections of BUSN 18

Eve 21111 Mon 6:00 - 9:50 2470 AYOTTE 08/19 12/20 GR 093  
Internet access is required for all sections of BUSN 18

Web 20409 By Arr 4.0 Hrs/Wk ONLINE COLEMAN 08/19 12/20 GR DE1  
BUSN 18-DE1 is an online course. For more information, see the section titled

"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22324 By Arr 9.0 Hrs/Wk ONLINE CHURCHILL 10/14 12/13 GR L01  
BUSN 18 - L01 is a late start fast-track 8 weeks, online course which begins on  
October 15th. For more information, see the section titled "Online Learning"  
in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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**BUSN 30 BUSINESS ETHICS AND SOCIETY 3.0 Units**

A survey of the past and current behavior of business in American society.  
Examines the ethical, political and social issues confronting organizations and  
the organizations' responsibilities and obligations in responding to them.  
Discusses the responsibility of business toward customers, employees,  
stockholders, competitors, suppliers, government and the community at large.  
Strongly Recommended: BUSN 40 with a minimum grade of C and Eligibility for  
ENG 1A

Web 21933 By Arr 3.0 Hrs/Wk ONLINE STEIN 08/19 12/20 GR DE1  
BUSN 30-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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**BUSN 33 PERSONAL FINANCIAL MANAGEMENT 3.0 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.

Day 23217 MW 11:00 -12:15 2480 BELL 08/19 12/20 GR V01  
Internet access is required for BUSN 33

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**BUSN 40 INTRODUCTION TO BUSINESS 3.0 Units**

A multidisciplinary examination and introduction to business operations within  
the U.S. and internationally. Provides an overview of global economic systems,  
business formations, business ethics and laws, general accounting practices and  
financing, facility location and layout, production, organizational structures  
and management functions. Fundamentals of risk management, marketing, human



resources, and employee motivation are covered. Demonstrates how culture, society, and external business environments impact a business' ability to achieve its organizational goals. Strongly Recommended: ENG 1A

Day 20291 MW 11:00 -12:15 2420 PATTERSON 08/19 12/20 OP V01

Internet access is required for BUSN 40

Day 22843 TTh 9:30 -10:45 1058 PATTERSON 08/19 12/20 OP V02

Internet access is required for BUSN 40

Eve 20617 Tue 6:00 - 8:50 1058 LEDERER 08/19 12/20 OP 093

Internet access is required for BUSN 40

Eve 21112 Wed 4:00 - 6:50 \*025 AYOTTE 08/19 12/20 OP 094

offsite room \*025 meets at ..... DUBLIN HIGH SCHOOL

DUBLIN HIGH SCHOOL

815 VILLAGE PARKWAY

DUBLIN, CA

Internet access is required for BUSN 40-094. BUSN 40-094 will be at Dublin High school in Room M101.

Web 21740 By Arr 6.7 Hrs/Wk ONLINE CHURCHILL 10/14 12/13 OP LO1

BUSN 40-LO1 is a late start fast-track 8 weeks, online course which begins on October 15th. For more information, see section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 21538 By Arr 3.4 Hrs/Wk ONLINE COLEMAN 09/03 12/20 OP LO2

BUSN 40-LO2 is a late start online course that meets from Sept.3-Dec.20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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BUSN 48 HUMAN RELATIONS IN ORG.

3.0 Units

An introduction to the interpersonal skills needed in today's workplace with a focus on effective communication, decision making, cross cultural relations, diversity, resolving conflict, managing change, group dynamics, and ethical behavior.

Web 21113 By Arr 3.4 Hrs/Wk ONLINE STEIN 09/03 12/20 OP LO1

BUSN 48-LO1 is an online late start course that meets from Sept. 3-Dec.20. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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BUSN 51 GENERAL ACCOUNTING

3.0 Units

Basic accounting skills for managers and entrepreneurs that provide a foundation in financial reporting and analysis, payroll taxes, and internal

controls. The course includes practical application of accounting theory to the accounting cycles for service and merchandising businesses, including bookkeeping practices, common debit and credit procedures, books of original entry, working papers, adjusting and closing entries, income statement, of owner's equity, balance sheet, cash, payroll, and special journals.

Day 23152 By Arr 3.0 Hrs/Wk ONLINE YAP 08/19 12/20 GR DE1  
By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 GR

BUSN 51-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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**BUSN 52 BUSINESS COMMUNICATIONS 3.0 Units**

Study of communication functions, choices, and roles for professionals that help remove barriers. Practice in using verbal, nonverbal and writing skills to communicate one- on-one, in groups and electronically. Cross-cultural communications, face-to-face and online meetings management, delegating work assignments, planning, problem solving, conferences, employee counseling and making oral presentations. Strongly recommended: ENG 1A with a minimum grade of C

Web 22212 By Arr 3.0 Hrs/Wk ONLINE LAUFFER 08/19 12/20 OP DE1

BUSN 52-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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**BUSN 53 BUSINESS CORRESPONDENCE 3.0 Units**

Development of skills for composing general business correspondence to a variety of audiences including multiple levels within an organization and cross cultural communications. Crafting messages , including e-mail, administrative communications, technical reports, meeting agendas, and meeting minutes. Determining the appropriate media for the communication, correct writing style, and level of terminology within the message. Emphasis on appropriate English grammar, spelling, on-line netiquette, and cross-cultural communications. Strongly Recommended: ENG 1A

Web 20615 By Arr 6.7 Hrs/Wk ONLINE DENYER 08/19 10/11 OP DE1

BUSN 53-DE1 is an online 8 weeks fast-track class that meets from Aug. 19-Oct. 11. For more information, see the section titled "Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>

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BUSN 55 BUSINESS MATHEMATICS

3.0 Units

Mathematics to solve typical business problems including simple interest, compound interest, installment sales, trade and cash discounts, mark on percents, pricing, discounting notes and drafts, depreciation, taxes, insurance, statistics, stocks and bonds, and distribution of ownership and profits. Strongly Recommended: BUSN 105A and BUSN 105B or BUSN 107 Web 21114 By Arr 3.0 Hrs/Wk ONLINE AYOTTE 08/19 12/20 OP DE1 BUSN 55-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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BUSN 56 INTRODUCTION TO MANAGEMENT

3.0 Units

Introduction to the application of tools, principles and concepts in business management. Emphasis will be on planning, organizing, leading, and controlling. Additional topics will include decision-making, employee motivation, team work, and current trends. Strongly Recommended: Eligibility for ENG 1A  
Web 20451 By Arr 6.7 Hrs/Wk ONLINE CHURCHILL 10/14 12/13 OP L01 BUSN 56-LO1 is a late start online 8 weeks fast-track class that meets from Oct.14-Dec.13 For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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BUSN 58 SMALL BUSINESS MANAGEMENT

3.0 Units

Fundamentals of starting, operating and growing a successful small business enterprise. Emphasis on all endeavors: self-employment; freelancing; brick and mortar, pop-up and Internet retailing; technical and professional services; and franchising. Focus on achieving optimum benefits from limited resources; financing strategies; marketing options; legal, ethical, and regulatory issues encountered by all start-ups. Strongly Recommended: BUSN 1A or BUSN 51 with a minimum grade of C  
Web 21921 By Arr 6.7 Hrs/Wk ONLINE PATTERSON 10/14 12/13 OP L01 BUSN 58-LO1 is a late start 8 week online class that meets from Oct. 14 to Dec 13. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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BUSN 61 QUICKBOOKS ACCOUNTING

1.5 Units

Introduction to the use of QuickBooks accounting software to process transactions related to a service and merchandise company. Specific topics include using company files, sales and receivables, payables and purchases bank and credit card reconciliations end of period transactions and payroll.

Transactions include journalizing, adjusting entries, closing entries, bank reconciliation and preparing financial statements. Strongly Recommended: BUSN 1A or BUSN 51 with a minimum grade of C

Web 20693 By Arr 2.5 Hrs/Wk ONLINE BELL 08/19 12/20 OP DE1

BUSN 61-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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BUSN 65 FEDERAL INCOME TAX ACCOUNTING

3.0 Units

A study and analysis of the principles of federal income tax applied to employees, self-employed individuals and rental income. Includes an overview of taxes related to partnerships, informational returns and corporate tax returns. Analysis of the Internal Revenue Code with examination of court rulings and regulations. Review of new legislation that alters existing tax law. Introduction to tax preparation software is included.

Eve 23503 Tue 7:00 - 9:50 2480 RODRIGUES 08/19 12/20 OP 093

Internet access is required for BUSN 65.

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BUSN 88 HUMAN RESOURCES MANAGEMENT

3.0 Units

Introduction to the field of human resources with an emphasis on understanding the impact decisions and activities involving employees have on an organization's overall success. Focus on best practices in recruitment and selection, performance management, compensation and benefits, employee relations, workplace health and safety, and risk management strategies.

Strongly Recommended: BUSN 56 with a minimum grade of C

Web 20735 By Arr 3.4 Hrs/Wk ONLINE JUREVICH 09/03 12/20 OP LO1

BUSN 88-LO1 is a late start online course that meets from Sept. 3-Dec. 20. For more information, see the section titled "Online Learning," in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

\*\*\*\*\*CHEMISTRY

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CHEM 1A GENERAL COLLEGE CHEMISTRY I 5.0 Units

Introduction to atomic structure, bonding, stoichiometry, thermochemistry, gases, matter and energy, oxidation-reduction, chemical equations, liquids and solids, solutions, chemical energetics and equilibrium. Laboratory includes both quantitative and qualitative experiments. Prerequisites: Mathematics 55 or 55B and Chemistry 31 (all courses completed with a grade of "C" or higher). The Chemistry 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the Chemistry Placement Process.

Day 20089	MW	9:30 -10:45	1871	JENSEN	08/19 12/20 GR	V01
	Lab TTh	7:50 -10:40	1802		08/19 12/20 GR	
Day 20090	MW	11:30 -12:45	1816	GROW	08/19 12/20 GR	V02
	Lab TTh	11:00 - 1:50	1802		08/19 12/20 GR	
Day 23574	MW	1:00 - 2:15	1872	DUDZIK	08/19 12/20 GR	V03
	Lab TTh	2:30 - 5:20	1802		08/19 12/20 GR	
Day 21692	TTh	1:30 - 2:45	1816	SYMMANK	08/19 12/20 GR	V04
	Lab MW	12:00 - 2:50	1802		08/19 12/20 GR	
Day 23898	TTh	3:30 - 4:45	1816	BRENNAN	08/19 12/20 GR	V05
	Lab MW	3:30 - 6:20	1802		08/19 12/20 GR	
Eve 20091	MW	5:30 - 6:45	1816	CHUMA	08/19 12/20 GR	093
	Lab MW	7:00 - 9:50	1802		08/19 12/20 GR	

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CHEM 1B GENERAL COLLEGE CHEMISTRY II 5.0 Units

Continuation of Chemistry 1A. Includes chemical energetics and equilibria, solutions and ionic equilibria, acid-base chemistry, electrochemistry, coordination chemistry, kinetics, nuclear chemistry, organic chemistry, and the chemistry of family groups of the periodic table. Laboratory emphasizes quantitative techniques, including instrumentation, and qualitative analysis. Prerequisite: Chemistry 1A (completed with a grade of "C" or higher).

Day 20399	TTh	8:00 - 9:15	1872	BRENNAN	08/19 12/20 GR	V01
	Lab WF	8:00 -10:50	1802		08/19 12/20 GR	
Eve 22179	TTh	5:30 - 6:45	1826	Staff - LP	08/19 12/20 GR	093
	Lab TTh	7:00 - 9:50	1802		08/19 12/20 GR	

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CHEM 12A ORGANIC CHEMISTRY I 5.0 Units

Hydrocarbons, alkyl halides, alcohols, ethers, and an introduction to aromatic hydrocarbons. Structure, bonding, stereochemistry, conformational analysis, nomenclature, and physical properties in relation to these particular groups of compounds. Emphasis on reactivity and reaction mechanisms. Laboratory work includes microscale, macroscale, spectroscopic, and chromatographic techniques. Chemistry 12A is the first semester in a year long course in organic chemistry designed for students majoring in chemistry and related disciplines.

Prerequisite: CHEM 1B with a minimum grade of C

Day 22326 TTh 8:00 - 9:15 1871 GROW 08/19 12/20 GR V01

Lab WF 8:00 -10:50 1805 08/19 12/20 GR

Day 20160 MW 1:00 - 2:15 1874 ANSELL 08/19 12/20 GR V02

Lab TTh 1:30 - 4:20 1805 08/19 12/20 GR

CHEM 12A-V02 is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit

<http://www.laspositascollege.edu/honors>

Eve 21117 TTh 4:30 - 5:45 1814 HADEI 08/19 12/20 GR 093

Lab TTh 6:00 - 8:50 1805 08/19 12/20 GR

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CHEM 30A INTRO AND APPLIED CHEMISTRY I

4.0 Units

Chemistry of inorganic compounds, atomic theory, bonding, equations, gas laws, solutions, acid-base theory and oxidation-reduction. Designed to meet the requirements of certain programs in allied health and technological fields and for general education. Chabot Prerequisite: MTH 65, MTH 65B or, MTH 65L or, MTH 53 or, MTH 53B (completed with a grade of "C" or higher) LPC Prerequisite: MATH 110 or MATH 110B with a minimum grade of C

Day 20324 MW 8:00 - 9:15 1871 DUDZIK 08/19 12/20 GR V01

Lab Th 8:00 -10:50 1807 08/19 12/20 GR

Day 20571 MW 8:00 - 9:15 1871 DUDZIK 08/19 12/20 GR V02

Lab Fri 8:30 -11:20 1807 08/19 12/20 GR

Eve 20605 MW 5:30 - 6:45 1871 SYMMANK 08/19 12/20 GR 093

Lab Mon 7:00 - 9:50 1807 08/19 12/20 GR

Eve 22327 MW 5:30 - 6:45 1871 SYMMANK 08/19 12/20 GR 094

Lab Wed 7:00 - 9:50 1807 08/19 12/20 GR

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CHEM 30B INTRO AND APPLIED CHEMISTRY II

4.0 Units

Continuation of Chemistry 30A with emphasis on organic and biochemical concepts related to human physiological systems. Prerequisite: Chemistry 30A (completed with a grade of "C" or higher).

Day 20632 MW 2:30 - 3:45 1871 TOBWALA 08/19 12/20 GR V01  
Lab Fri 12:00 - 2:50 1805 08/19 12/20 GR

Eve 21798 MW 5:30 - 6:45 1874 DIVIN 08/19 12/20 GR 093  
Lab Mon 7:00 - 9:50 1805 08/19 12/20 GR

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CHEM 31 INTRO TO COLLEGE CHEMISTRY 4.0 Units

Elementary concepts of chemistry with emphasis on mathematical calculations; includes nomenclature, stoichiometry, atomic structure, gas laws, and acids and bases. Designed for majors in science and engineering. Prerequisite: Mathematics 55 or 55B (completed with a grade of "C" or higher).

Day 20230 MW 1:00 - 2:15 1816 JENSEN 08/19 12/20 OP V01  
Lab Tue 1:30 - 4:20 1807 08/19 12/20 OP

Day 20400 MW 1:00 - 2:15 1816 JENSEN 08/19 12/20 OP V02  
Lab Th 1:30 - 4:20 1807 08/19 12/20 OP

Eve 20092 TTh 5:30 - 6:45 1816 WONG 08/19 12/20 OP 093  
Lab Tue 7:00 - 9:50 1807 08/19 12/20 OP

Eve 21699 TTh 5:30 - 6:45 1816 WONG 08/19 12/20 OP 094  
Lab Th 7:00 - 9:50 1807 08/19 12/20 OP

\*\*\*\*\*COMMUNICATION STUDIES LPC

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CMST 1 FUNDAMENT. OF PUBLIC SPEAKING 3.0 Units

Theory and techniques of public speaking. Discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches including informative and persuasive speeches; includes developing the faculties of critical listening and problem solving. Strongly Recommended: ENG 1A with a minimum grade of C

Day 22365 MW 11:00 - 2:20 4212 HEISLER 08/19 10/11 OP FT1  
Day 22366 MW 11:00 - 2:20 4212 HEISLER 10/14 12/13 OP FT2  
Day 22368 MW 9:30 - 10:45 4213 HEISLER 08/19 12/20 OP V01

Day 22373 MW 2:30 - 3:45 4212 JOVIEN 08/19 12/20 OP V02  
 Day 22464 TTh 8:00 - 9:15 4212 DOBSON 08/19 12/20 OP V03  
 Day 22369 TTh 9:30 -10:45 4212 DOBSON 08/19 12/20 OP V04  
 Day 22374 TTh 9:30 -10:45 4213 RAMSEY 08/19 12/20 OP V05  
 Day 22376 TTh 11:00 -12:15 4213 KELLNER 08/19 12/20 OP V06  
 Day 22370 TTh 12:30 - 1:45 4212 KELLNER 08/19 12/20 OP V07  
 Day 22372 TTh 2:00 - 3:15 4212 BREHE-JOHNS08/19 12/20 OP V08  
 Day 22371 Fri 9:30 -12:20 4213 DOBSON 08/19 12/20 OP V09

Eve 22379 Tue 7:00 - 9:50 4213 BAUER 08/19 12/20 OP 093  
 Eve 22380 MW 4:00 - 5:15 4212 JOVIEN 08/19 12/20 OP 094  
 Eve 22381 Mon 7:00 - 9:50 4212 PADMANABHAN08/19 12/20 OP 095  
 Eve 22382 Th 7:00 - 9:50 4212 NORTON 08/19 12/20 OP 096  
 Eve 22465 Wed 6:00 - 8:50 \*306 LACZKO 08/19 12/20 OP 097

offsite room \*306 meets at .... LIVERMORE ADULT ED SCHOOL  
 1401 ALMOND AVE  
 LIVERMORE, CA

CMST 1-098 will be at Livermore Adult Ed. Facility in the Almond Room.

Web 22367 By Arr 3.0 Hrs/Wk ONLINE HEISLER 08/19 12/20 OP DE1  
 CMST 1-DE1 is an online course. For more information, see the section titled  
 "Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>  
 Web 22375 By Arr 3.0 Hrs/Wk ONLINE HEISLER 08/19 12/20 OP DE2  
 CMST 1-DE2 is an online course. For more information, see the section titled  
 "Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>  
 Web 22378 By Arr 3.0 Hrs/Wk ONLINE KELLNER 08/19 12/20 OP DE3  
 CMST 1-DE3 is an online course. For more information, see the section titled  
 "Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>

CMST 3 GROUP COMMUNICATION 3.0 Units

Principles of communication in a variety of group contexts. Theory, application, and evaluation of group communication processes, including norms, roles, problem solving, conflict management, decision making, and leadership. Includes participation in simulation exercises and group activities.

Day 22703 TTh 11:00 -12:15 4212 BREHE-JOHNS08/19 12/20 OP V01

CMST 4 INTRO. TO COMMUNICATION STUD. 3.0 Units

Introduction to the breadth of the communication discipline with a focus on the foundations of interpersonal communication, small group communication, and public speaking. Examination and practice of basic human communication



principles and theories to in a variety of contexts. Strongly Recommended:  
ENG 1A with a minimum grade of C

Day 23338 Fri 9:30 -12:20 4212 HEISLER 08/19 12/20 OP V01

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CMST 10 INTERPERSONAL COMMUNICATION 3.0 Units

Exploration, discussion, and evaluation of the principles of the verbal and non-verbal communication process in relationships. Study of theory and research findings and their application to communication in interpersonal relationships in personal and professional contexts. Strongly Recommended: ENG 1A with a minimum grade of C

Day 22705 MW 11:00 -12:15 4213 KELLNER 08/19 12/20 OP V01

Eve 22383 Wed 7:00 - 9:50 4212 JOVIEN 08/19 12/20 OP 093

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CMST 11 INTERCULTURAL COMMUNICATION 3.0 Units

Introduction to intercultural communication in domestic and/or global contexts. Influence of cultures, languages, and social patterns on how members of groups relate among themselves and with members of different ethnic and cultural groups. Theory, knowledge, appreciation, practical application and comparison of effective communication among diverse groups of people from different domestic and international cultures. Strongly Recommended: ENG 1A with a minimum grade of C

Day 22706 MW 12:30 - 1:45 4213 KELLNER 08/19 12/20 GR V01

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CMST 46 ARGUMENTATION AND DEBATE 3.0 Units

Methods of critical inquiry and advocacy of contemporary moral, political, economic, and philosophical issues in a diverse multicultural society. Identifying fallacies in reasoning and language, testing evidence and evidence sources, advancing a reasoned position, and defending and refuting arguments. Analysis, presentation, and evaluation of oral and written arguments. Strongly Recommended: ENG 1A with a minimum grade of C

Day 22384 TTh 3:00 - 4:15 4213 RAMSEY 08/19 12/20 OP V01

Web 22707 By Arr 3.0 Hrs/Wk ONLINE PEREZ 08/19 12/20 OP DE1



planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills. Students who have completed or are enrolled in Business 43, Computer Networking Technology 43, or Computer Science 43 may not receive credit. Prerequisite: ENG 1A with a minimum grade of C

Web 20422 By Arr 3.0 Hrs/Wk ONLINE AUSTIN 08/19 12/20 OP DE1  
 CIS 43-DE1 is an online class. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

CIS 50 INTRO TO COMPUTING INFO TECH 3.0 Units

A comprehensive introductory to the concepts of management and information systems used in business and similar organizations. Covers the role of information systems in business, the need for data and information, how computers are used in business and other organizations to provide information. Focus on information systems, database management system, networking, e-commerce, ethics and security, computer system hardware and software components. Students will interactively solve applied problems utilizing software productivity tools such as: word processors, spreadsheets, databases, presentation, WWW, and programming languages. Introduce the analytical, written and oral communication skills necessary to communicate effectively in a business computing environment.

Day 20019 MW 12:30 - 1:45 1060 MANGUIAT 08/19 12/20 OP V01  
 Lab By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 OP

Day 20018 TTh 11:00 -12:15 1641 FIELDS 08/19 12/20 OP V02  
 Lab By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 OP

Eve 20421 MW 4:30 - 5:45 1060 MANGUIAT 08/19 12/20 OP 093  
 Lab By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 OP

Web 20315 By Arr 4.0 Hrs/Wk ONLINE FIELDS 08/19 12/20 OP DE1  
 CIS 50-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2016 or Microsoft Office 2019 software.

Web 20020 By Arr 4.0 Hrs/Wk ONLINE FARBER 08/19 12/20 OP DE2  
 CIS 50-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2016 or Microsoft Office 2019 software.

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CIS 54 EXCEL: INTRO TO SPREADSHEETS

4.0 Units

This is a comprehensive spreadsheet class using Microsoft Excel to create a variety of spreadsheets with emphasis on business applications. Introductory, intermediate, and advanced topics are covered. Introductory topics include entering, editing, and formatting data, creating basic formulas using arithmetic operator and functions, creating charts, saving and printing worksheets. Intermediate topics include using Excel's Table features for sorting filtering and summarizing data, creating PivotTables, working with multiple worksheets and workbooks, naming cells, data validation, recording macros, and protecting worksheets. Advanced topics include using financial functions such as PMT, RATE, FV, creating nested IFs, using VLOOKUP and HLOOKUP functions, using What-If analysis tools such as Goal Seek, one and two variable Data Tables, and Scenario Manager, sharing workbooks, and integrating Excel with other Office applications. Strongly Recommended: CIS 50

Day 20185 Wed 11:00 - 1:45 804 HART 08/19 12/20 OP HY1  
By Arr 3.0 Hrs/Wk ONLINE 08/19 12/20 OP

CIS 54-HY1 is a hybrid course. Students will meet on campus Wednesdays from 11:00-1:45 in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. Students must have access Microsoft Office 2019 software.

Web 20654 By Arr 6.0 Hrs/Wk ONLINE HART 08/19 12/20 OP DE1  
CIS 54-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2019 software.

Web 22004 By Arr 6.0 Hrs/Wk ONLINE AUSTIN 08/19 12/20 OP DE2  
CIS 54-DE2 is an online course that will be using Canvas. For more information, go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2019 software.

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CIS 55 INTEGRATING OFFICE APPLICATION

4.0 Units

Develop essential workplace application skills using current Microsoft Office including; Word, Excel, PowerPoint, Access, One Note, Outlook, cloud storage and cloud processing. Emphasis is to design, produce and integrate documents, worksheets, databases and professional presentations. The use of Object Linking and Embedding (OLE) to integrate, share, and collaborate data within and between applications. Strongly Recommended: CIS 50

Web 22103 By Arr 6.0 Hrs/Wk ONLINE FIELDS 08/19 12/20 OP DE1

CIS 55-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2019 software.

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CIS 55B ADVANCED MS OFFICE SKILLS 2.0 Units

Using a project-based, problem-solving approach, this course focuses on advanced features and integration of the core applications in the Microsoft Office suite (Word, Excel, PowerPoint, and Access). Strongly Recommended: CIS 55 with a minimum grade of C

Web 23234 By Arr 1.5 Hrs/Wk ONLINE FIELDS 08/19 12/20 OP DE1  
By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CIS 55B-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2016 or Microsoft Office 2019 software.

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CIS 57 DATABASE CONCEPTS 3.0 Units

Introduction to Database Concepts, a computer program that is used to organize, store, and retrieve information. Understanding of data, database structure, and database objects using Microsoft Access or similar programs with emphasis on business applications. Identify and evaluate client needs/requirements and translate those needs into a working database application model. Integrate Microsoft Access data with other Microsoft applications, such as Word and Excel. Strongly Recommended: CIS 50 and CIS 55

Web 22208 By Arr 5.0 Hrs/Wk ONLINE AUSTIN 08/19 12/20 OP DE1

CIS 57-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2019 software.

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CIS 59 WEB DEV: HTML/CSS/JAVASCRIPT 3.0 Units

This course will provide a fundamental understanding of the methods and techniques of developing a simple to moderately complex web site. Topics include: creating webpages with current standard webpage language (HTML), cascading style sheets (CSS), and Javascript. Exploration of incorporating images, audio/visual media, and interactive tools like forms and image maps.

This course prepares apprentice Web developers to identify the information needs of a client, design appropriate WWW solutions, and implement them.  
Strongly Recommended: CIS 50

Eve 22721 Tue 6:30 - 8:45 2412 VANI 08/19 12/20 OP HY1  
Lab By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CIS 59-HY1 is a hybrid course. Students will meet on campus Tuesdays from 6:30-8:45 p.m. in room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CIS 60 SYSTEMS ANALYSIS AND DESIGN 3.0 Units

The course presents a systematic methodology for analyzing a business problem or opportunity, determining the role which computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution in particular, in-house development, development from third-party providers, or purchased commercial-off-the-shelf packages. Provides the opportunity to follow systems development life cycle (SDLC): analyze current systems, design logical and physical systems, program development, implementation, testing, maintenance, and documentation. Strongly recommended: Computer Information Systems 50.

Web 20763 By Arr 4.0 Hrs/Wk ONLINE FIELDS 08/19 12/20 OP DE1  
CIS 60-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CIS 65 INTRO TO DESKTOP OPERATING SYS 2.0 Units

By performing numerous hands-on labs, students in this class will gain an understanding of the most widely used desktop operating systems (including Windows, Apple OS X, and Linux) using command line and GUI interfaces. Students will use virtualization software to install and configure operating systems and user applications on a class room computer. Students will also experiment with remote computing and storage. The course includes information on mobile operating systems, as well as chapters on subjects peripheral to operating systems, such as computer security, desktop virtualization, and connecting computers and mobile devices to networks. Students who have completed or are enrolled in Computer Networking Technology 50 may not receive credit. Strongly Recommended: CIS 50 with a minimum grade of C

Day 20286 Lab Mon 2:30 - 3:20 805 DAOUD 08/19 12/20 OP V01  
Mon 3:30 - 6:20 805 08/19 12/20 OP

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CIS 66 NETWORKING FUNDAMENTALS 3.0 Units

This course provides an introduction to computer networking fundamentals skills needed to meet the industry demand for entry-level Network Technicians. Topics include: Ethernet network fundamentals, Local Area Networks (LANs), and Wide Area Networks (WAN) technologies, the Open Systems Interconnection (OSI) model, wiring implementations, network adapters and connectivity devices, IPv4/IPv6 addressing, Voice over IP (VoIP), and wireless standards. Tools to help prevent cyber attacks with IDS (Intrusion Detection Systems), authentication, and encryption are demonstrated. Student labs include: configuration of a SOHO (Small Office/Home Office), a firewall, a virtual private network (VPN), a switch, and a router and documenting a networking using professional drawing software. The responsibilities of an ICT (Information and Communications Technology) professional will be introduced. This course prepares students for the CompTIA Network+ Certification Exam. This professional certification verifies the student has the knowledge equivalent to that of an ICT technician with about 12 months of hands-on experience. Strongly recommended: Computer Information Systems 50.

Eve 20129 Tue 6:30 - 9:20 804 WEICHERT 08/19 12/20 OP HY1

Lab By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 OP

CIS 66-HY1 is a hybrid course. Students will meet on campus Tuesdays from 6:30-9:20pm in Room 804. The remainder of the course will be completed online.

For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 22961 By Arr 4.0 Hrs/Wk ONLINE WEICHERT 08/19 12/20 OP DE1

CIS 66-DE1 is an online course that will be using Canvas. For more information, go to <http://www.laspositascollege.edu/onlinelearning>

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CIS 71 COMPUTER TYPING 1.0 Units

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.

Day 20426 Lab TTh 1:30 - 3:00 803B HART 09/03 12/20 OP LS1

CIS 71-LS1 is a Late Start course that meets from Aug 28 - Dec 19.

Day 20126 Lab By Arr 3.6 Hrs/Wk 803B ARNOLD 09/04 12/20 OP LS3  
CIS 71-LS3 is a late start DAY class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 9:30 a.m. or 10:30 a.m. on the first day of class (September 4). If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

Eve 20128 Lab By Arr 3.6 Hrs/Wk 803B HART 09/03 12/20 OP LS2  
CIS 71-LS2 is an EVENING class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 6:30 p.m. or 7:30 p.m. on the first day of class (September 4) If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

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CIS 71A KEYBOARDING (THE ALPHABET) 1.0 Units

Introduction to the alphabet letter keys on the computer keyboard for touch-typing. Learn basic keyboarding techniques for accuracy and speed. This course is the first in a series of sequential courses in keyboarding instruction. Students are advised to take these courses in sequence for best training results.

Web 20287 By Arr 3.6 Hrs/Wk ONLINE HARTMANN 09/03 12/20 OP LO1  
CIS 71A-LO1 is a late start online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Course materials and software must be purchased from the college bookstore.

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CIS 71B KEYBOARD (NUMBERS AND SYMBOLS) 1.0 Units

Introduction to the numbers and symbol keys on the computer keyboard for touch typing. Review of alphabetic keys and common punctuation marks. Speed building and accuracy improvement. Strongly Recommended: CIS 71A with a minimum grade of C

Web 20288 By Arr 3.6 Hrs/Wk ONLINE HARTMANN 09/03 12/20 OP LO1  
CIS 71B-LO1 is a late start online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Course materials and software must be purchased from the college bookstore.



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CIS 71C SKILLS IMPROVEMENT

1.0 Units

Development of keyboarding skill for those students who have learned the location of the keys on the keyboard by touch and are ready to increase speed and accuracy. Practice keyboarding control of speed and accuracy on straight copy, rough draft copy, and copy with numbers, and symbols. Skill progress is measured by keying text within specified time limits. Students should know the location of the keys on the keyboard before attempting this course. This course is the third module in a sequential series of beginning keyboarding instruction. Strongly Recommended: CIS 71B with a minimum grade of C

Web 20289 By Arr 3.6 Hrs/Wk ONLINE HARTMANN 09/03 12/20 OP LO1  
CIS 71C-LO1 is a late start online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Course materials and software must be purchased from the college bookstore.

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CIS 72A DATA MANAGEMENT

1.0 Units

Individualized instruction on the theory and practice of alphabetic, numeric, geographic, and subject filing. Basic principles of filing and effective records management for both paper and electronic filing systems. Introduction to database functions, such as enter, editing, finding, and deleting records, creating queries, and printing report.

Day 20454 Lab By Arr 3.6 Hrs/Wk 803B ARNOLD 09/03 12/20 OP LS1  
CIS 72A-LS1 is a DAY class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 9:30 a.m. or 10:30 a.m. on the first day of class (September 4) If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

Eve 20130 Lab By Arr 3.6 Hrs/Wk 803B HART 09/03 12/20 OP LS2  
CIS 72A-LS2 is an EVENING class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 6:30 p.m. or 7 p.m. on the first day of class (September 4). If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

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CIS 72B BASIC OFFICE INTEGRATION

1.0 Units

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 or CIS 8 with a minimum grade of C

Day 20455 Lab By Arr 3.6 Hrs/Wk 803B ARNOLD 09/03 12/20 OP LS1  
CIS 72B-LS2 is a DAY class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 9:30 a.m. or 10:30 a.m. on the first day of class (September 4). If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

Eve 20131 Lab By Arr 3.6 Hrs/Wk 803B HART 09/03 12/20 OP LS2  
CIS 72B-LS2 is an EVENING class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 6:30 p.m. or 7:30 p.m. on the first day of class (September 4). If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

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CIS 73A TEN-KEY SKILL DEVELOPMENT

1.0 Units

Skill development on the computer numeric keypad, electronic calculator including use of memory functions, and data entry using spreadsheets.

Day 20132 Lab By Arr 3.6 Hrs/Wk 803B ARNOLD 09/04 12/20 OP LS2  
CIS 73A-LS2 is a late start DAY class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 9:30 a.m. or 10:30 a.m. on the first day of class (September 4). If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

Eve 20691 Lab By Arr 3.6 Hrs/Wk 803B HART 09/03 12/20 OP LS1  
CIS 73A-LS1 is an EVENING class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 6:30 p.m. or 7:30 p.m. on the first day of class (September 4). If you are unable

to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

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CIS 74 OFFICE PROCEDURES

3.0 Units

Introduction to office principles, procedures, and technology. Topics include telephone skills, office equipment, working effectively in a team environment, records management, customer service, meeting/event planning, postal/shipping services, utilizing the internet for on-line services and resources, using appropriate software to complete common tasks, written and oral business communications, conflict resolution, and office etiquette. Prepares administrative professionals to work in a diversified workforce with emerging technologies. (Formerly BUSN 74.) Strongly Recommended: CIS 8 and CIS 71C  
Web 22722 By Arr 5.0 Hrs/Wk ONLINE HARTMANN 08/19 12/20 OP DE1  
CIS 74-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2016 or Microsoft Office 2019 software.

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CIS 75 OFFICE TECH./COMMUNICATIONS

1.0 Units

Overview of various technologies (such as video- conferencing, cloud services and storage, mobile devices) used for communicating internally and externally in the workplace. Hands-on practice with Outlook (email, contact management, calendaring), cloud-based applications and data storage, and telephone technique. Strongly Recommended: Eligibility for English 1A and CIS 71A with a minimum grade of C

Day 20219 Lab By Arr 3.6 Hrs/Wk 803B ARNOLD 09/04 12/20 OP LS2  
CIS 75-LS2 is a late start DAY class offered on an individualized, hands-on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 9:30 a.m. or 10:30 a.m. on the first day of class (September 4). If you are unable to come to the 803 lab on the first day of class, you must contact the instructor within the first week of class. For more information, contact TBD via email at TBD

Eve 20427 Lab By Arr 3.4 Hrs/Wk 803B HART 09/03 12/20 OP LS1  
CIS 75-LS1 is an EVENING class offered on an individualized, hands -on basis. Lab hours are arranged with the instructor by reporting to the 803 lab at 6:30 P.m. or 7:30 p.m. on the first day of class (September 4). If you are unable to come to the 803 lab on the first day of class, you must contact the

instructor within the first week of class. For more information, contact TBD via email at TBD

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CIS 79 MEDICAL OFFICE PROCEDURE 3.0 Units

Medical office principles and procedures to include telecommunications, scheduling appointments, office equipment, medical documents and word processing, managing medical records, banking, payroll, expense reports, petty cash, billing, recordkeeping, postal services, health insurance, coding, and utilizing the Internet for online financial services and resources. The importance of medical ethics in application of professional office behavior. Overview of medical law and careers in medical office environment. Strongly Recommended: CIS 8 and CIS 88A with a minimum grade of C

Web 21144 By Arr 5.0 Hrs/Wk ONLINE HARTMANN 08/19 12/20 OP DE1  
CIS 79-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2016 or Microsoft Office 2019 software.

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CIS 84 WINDOWS 1.0 Units

Hands-on class introducing Microsoft Windows operations. Topics include: logging in, the Windows Desktop, launching applications, working with multiple applications windows, proper shutdown techniques, and using Microsoft Edge to browse the web. File and folder management are also covered including creating folders, copying and moving files and folders, searching for specific files, and navigating drives and folders.

Day 20692 Tue 12:30 - 1:20 803B HART 10/14 12/13 OP FT2  
Lab Tue 1:25 - 2:35 803B 10/14 12/13 OP  
Lab Th 12:30 - 2:15 803B 10/14 12/13 OP

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CIS 88A INTRODUCTION TO MICROSOFT WORD 1.5 Units

Develop the skills needed in the workplace to produce common business documents, such as letters, resumes, flyers, and reports. Topics include document creation and editing; use of Microsoft Word features to apply character and paragraph formatting; creating and formatting tables, enhancing visual appeal by incorporating graphics elements, using the mail merge feature, and printing documents. Strongly Recommended: CIS 71A

Day 20165 TTh 12:30 - 1:20 803B HART 08/19 10/11 OP FT1  
Lab TTh 1:30 - 2:45 803B 08/19 10/11 OP  
Web 20410 By Arr 5.6 Hrs/Wk ONLINE HART 08/19 10/11 OP DE1  
CIS 88A-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning> Students must have access to  
Microsoft Office 2019 software.

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CIS 88B ADV MICROSOFT WORD 1.5 Units

Advanced word processing techniques used to produce complex business documents. Includes topics such as format multiple page reports, create tables of contents and indexes, insert footnotes/endnotes, using Word's collaboration features to share documents, create macros to automate tasks, and integrate data from Excel and other programs. Strongly Recommended: CIS 88A

Day 20233 TTh 12:30 - 1:25 803B HART 10/14 12/13 OP FT2  
Lab TTh 1:35 - 2:55 803B 10/14 12/13 OP  
Web 20411 By Arr 5.6 Hrs/Wk ONLINE HART 10/14 12/13 OP LO1  
CIS 88B-LO1 is a late start online course. For more information, see the  
section titled "Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning> Students must have access to  
Microsoft Office 2019 software.

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CIS 89A DESKTOP PRESENTATION 1.0 Units

Desktop presentation design techniques and enhancements. Application using current desktop presentation software. Hands-on experience creating, editing, saving, printing slide shows, incorporating graphics, charts, tables, SmartArt, sounds, and video, enhancing presentations using transitions and animations.

Day 20218 Tue 12:30 - 1:25 803B HART 10/14 12/13 OP FT2  
Lab Tue 1:30 - 2:20 803B 10/14 12/13 OP  
Lab Th 12:30 - 2:20 803B 10/14 12/13 OP

Eve 20216 Mon 6:30 - 7:20 803B HART 08/19 10/11 OP FT3  
Lab Mon 7:30 - 8:45 803B 08/19 10/11 OP  
Lab Wed 6:30 - 8:45 803B 08/19 10/11 OP  
Web 20412 By Arr 4.5 Hrs/Wk ONLINE HART 10/14 12/13 OP LO1  
CIS 89A-LO1 is a late start online course. For more information, see the  
section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning> Students must have access to Microsoft Office 2019 software.

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CIS 9001 DATABASE DESIGN METHODOLOGY 3.0 Units

This course provides students with a vendor-neutral introduction to and an overview of database systems; including database design, conceptual, logical and physical data modeling, Entity Relationship models. This course includes sections on relational databases, Structured Query Language (SQL) and optimizing databases through normalization. You will apply your knowledge with hands-on labs designed to apply the intricacies of database design methodology. Strongly Recommended: CIS 57

Web 21799 By Arr 4.0 Hrs/Wk ONLINE FIELDS 08/19 12/20 OP DE1  
CIS 9001-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CIS 9002 DATABASE DESIGN/SQL PROG 3.0 Units

In Database Design, students learn to analyze business scenarios and create data models, a conceptual representation of an organizations information. In Database Programming with SQL, students implement their database design by creating a physical database using Oracle Structured Query Language (SQL) to create, query, manipulate, and control access to the data in a relational database. The SQL commands, functions, and operators supported by Oracle as extensions to standard SQL are emphasized. Students learn to create and maintain database objects such as tables, indexes, views, constraints, and sequences. Prepare students for the Oracle Certified Professional (OCP) exam. Strongly Recommended: CIS 57

Web 20920 By Arr 4.0 Hrs/Wk ONLINE FIELDS 08/19 12/20 OP DE1  
CIS 9002-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

\*\*\*\*\*COMPUTER NETWORKING TECHNOLOGY

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CNT 43 PROFESSIONAL COMMUNICATIONS 3.0 Units

This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a

variety of business situations. The course emphasizes critical thinking, planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills. Students who have completed or are enrolled in Business 43, Computer Information Systems 43, or Computer Science 43 may not receive credit. Prerequisite: ENG 1A with a minimum grade of C

Web 20423 By Arr 3.0 Hrs/Wk ONLINE AUSTIN 08/19 12/20 OP DE1  
CNT 43-DE1 is an online class. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CNT 50 INTRO TO DESKTOP OPERATING SYS 2.0 Units

By performing numerous hands-on labs, students in this class will gain an understanding of the most widely used desktop operating systems (including Windows, Apple OS X, and Linux) using command line and GUI interfaces. Students will use virtualization software to install and configure operating systems and user applications on a class room computer. Students will also experiment with remote computing and storage. The course includes information on mobile operating systems, as well as chapters on subjects peripheral to operating systems, such as computer security, desktop virtualization, and connecting computers and mobile devices to networks. Students who have completed or are enrolled in Computer Information Systems 65 may not receive credit. Strongly Recommended: CIS 50 with a minimum grade of C

Day 20316 Mon 2:30 - 3:20 805 DAOUD 08/19 12/20 OP V01  
Lab Mon 3:30 - 6:20 805 08/19 12/20 OP

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CNT 51 COMPTIA'S A+ CERT. COMP. TECH 4.0 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: Computer Networking Technology 50.

Eve 22104 Th 6:30 - 9:20 804 VANI 08/19 12/20 OP HY1

Lab By Arr 3.0 Hrs/Wk ONLINE 08/19 12/20 OP

CNT 51-HY1 is a hybrid course. Students will meet on campus Thursdays from 6:30-9:20 p.m. in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> This course Includes content for the Google IT Support Professional Certificate. For more information, please see <http://laspositascollege.edu/cnt-google/> or contact LaVaughn Hart, [lhart@laspositascollege.edu](mailto:lhart@laspositascollege.edu)

Web 23074 By Arr 6.0 Hrs/Wk ONLINE WEICHERT 08/19 12/20 OP DE1

This course Includes content for the Google IT Support Professional Certificate. For more information, please see <http://laspositascollege.edu/cnt-google/> or contact LaVaughn Hart, [lhart@laspositascollege.edu](mailto:lhart@laspositascollege.edu)

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CNT 52 NETWORKING FUNDAMENTALS

3.0 Units

This course provides an introduction to computer networking fundamentals skills needed to meet the industry demand for entry-level Network Technicians. Topics include: Ethernet network fundamentals, Local Area Networks (LANs), and Wide Area Networks (WAN) technologies, the Open Systems Interconnection (OSI) model, wiring implementations, network adapters and connectivity devices, IPv4/IPv6 addressing, Voice over IP (VoIP), and wireless standards. Tools to help prevent cyber attacks with IDS (Intrusion Detection Systems), authentication, and encryption are demonstrated. Student labs include: configuration of a SOHO (Small Office/Home Office), a firewall, a virtual private network (VPN), a switch, and a router and documenting a networking using professional drawing software. The responsibilities of an ICT (Information and Communications Technology) professional will CompTIA Network+ Certification Exam. This professional certification verifies the student has the knowledge equivalent to that of an ICT technician with about 12 months of hands-on experience.  
Strongly Recommended: CIS 50

Eve 20317 Tue 6:30 - 9:20 804 WEICHERT 08/19 12/20 OP HY1

Lab By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 OP

CIS 52-HY1 is a hybrid course. Students will meet on campus Tuesdays from 6:30-9:20pm in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> This course Includes content for the Google IT Support Professional Certificate. For more information, please see <http://laspositascollege.edu/cnt-google/> or contact LaVaughn Hart, [lhart@laspositascollege.edu](mailto:lhart@laspositascollege.edu)

Web 22969 By Arr 4.0 Hrs/Wk ONLINE WEICHERT 08/19 12/20 OP DE1



CIS 52-DE1 is an online course that will be using Canvas. For more information, go to <http://www.laspositascollege.edu/onlinelearning> This course Includes content for the Google IT Support Professional Certificate. For more information, please see <http://laspositascollege.edu/cnt-google/> or contact LaVaughn Hart, [lhart@laspositascollege.edu](mailto:lhart@laspositascollege.edu)

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CNT 55 MCSA-I WINDOWS SERVER 3.0 Units

This course prepares students for the Microsoft™s Examination: Installation, Storage and Compute with Windows Server, which is the first of three exams a student must pass to obtain a MCSA (Microsoft Certified Solutions Associate) Certification. By passing this exam, one become a Microsoft Certified Professional (MCP) and gains access to MCP network or computer systems administrator or as a computer network specialist. The topics include installation, storage, and compute features and functionality available in the current Windows Server, Nano Server, images for deployment, storage solutions, data deduplication, high availability, disaster recovery, storage spaces direct, and failover clustering solutions. Also covered: Strongly Recommended: CNT 52 with a minimum grade of C

Web 23237 By Arr 2.0 Hrs/Wk ONLINE HESTER 08/19 12/20 OP DE1

By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CNT 55-DE1 is an online course. For more information, go to <http://www.laspositascollege.edu/onlinelearning> This course Includes content for the Google IT Support Professional Certificate. For more information, please see <http://laspositascollege.edu/cnt-google/> or contact LaVaughn Hart, [lhart@laspositascollege.edu](mailto:lhart@laspositascollege.edu)

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CNT 56 MSCA II NETWORKING WINDOWS SER 3.0 Units

This course prepares students for the Microsoft™s Examination: Networking with Windows Server, which is the second of three exams a student must pass to obtain a MCSA (Microsoft Certified Solutions Associate) Certification. By passing this exam, one become a hands-on labs, students will install and configure DNS, DHCP, IPAM, VPN and RADIUS. Also covered: managing DFS and branch cache solutions, and implementing Software Defined Networking (SDN) solutions such as Hyper- V Network Virtualization (HNV) and Network Controller, Implement Network Connectivity and Remote Access Solutions, Implement Core and Distributed Network Solutions. Strongly Recommended: CNT 55 with a minimum grade of C

Eve 23526 Wed 6:30 - 8:45 804 WEICHERT 08/19 12/20 OP HY1

Lab By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CNT 56-HY1 is a hybrid course. Students will meet on campus Wednesdays from 6:30-8:45 p.m. in Room 804. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>

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CNT 68 DIGITAL FORENSICS FUNDAMENTALS 3.0 Units

A practical course in Digital Forensics; the detection, and investigation of incidents involving computers, networks, the Internet, and digital information. Case oriented, following the objectives for the CFE Computer Forensics Examiner certification exam and the International Association of Computer Investigative Specialists (IACIS), the class includes understanding and practice in basic computer forensics, methods of investigation, analysis of storage media, logs, and tracking persons and data, using court-approved evidence collection tools. Also, covered, computer forensics as a profession; the computer investigation process, and technical writing. Strongly Recommended: CIS 66 with a minimum grade of C

Eve 23238 Th 6:30 - 8:45 805 DAOUD 08/19 12/20 OP HY1  
By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CNT 68-HY1 is a hybrid course. Students will meet on campus Thursdays from 6:30-8:45 p.m. in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CNT 69 NETWORK SECURITY; COMPTIA 3.0 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 and CNT 52 with a minimum grade of C

Eve 21800 By Arr 2.5 Hrs/Wk ONLINE HESTER 08/19 12/20 OP DE1

By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CNT 69-DE1 is a online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning> This course Includes content for the Google IT Support Professional Certificate. For more information, please see <http://laspositascollege.edu/cnt-google/> or contact LaVaughn Hart, [lhart@laspositascollege.edu](mailto:lhart@laspositascollege.edu)

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CNT 7285 CLOUD INFRASTRUCTURE: COMPTIA

3.0 Units

IT professionals need to understand the concepts and and principles required to build cloud infrastructure. This course covers the objectives of the CompTIA Cloud+ and Dell/EMC Cloud Infrastructure and Services (CIS) certification exams. Topics include: Cloud Computing Concepts; Models; Disk Storage Systems; Storage Networking; Network Infrastructure; Virtualization Components; Virtualization and the Cloud; Network Management; Performance Tuning; Systems Management; Security in the Cloud and Best Practices; Business Continuity and Disaster Recovery; Testing; Automation; and Changes. The EMC cloud computing reference model includes five fundamental layers (physical, virtual, control, orchestration, and service) and three cross-layer functions (business continuity, security, and service management). Technologies, components, processes, and mechanisms for each layer and cross-layer function will be covered. The course follows the U.S. National Institute of Standards and Technology as a guide for all definitions of cloud computing. Upon completing this course, participants will have the knowledge to make informed decisions on technologies, processes, and mechanisms required to build cloud infrastructure. CompTIA certification is normally valid for three years. Strongly Recommended: CNT 8001 with a minimum grade of C

Eve 22724 Mon 6:30 - 8:45 805 DAOUD 08/19 12/20 OP HY1

Lab By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CNT 7285-HY1 is a hybrid course. Students will meet on campus Mondays from 6:30-8:45 p.m. in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CNT 7401 INTRO TO LINUX, UNIX, LINUX+

3.0 Units

This course provides hands-on training covering basic installation, management, configuration, documentation and hardware topics for the Linux/UNIX operating system on workstations in a network environment. The course includes comprehensive coverage of topics related to Linux distributions, installation, administration, X-Windows, and networking. Students who have completed or are enrolled in Computer Science 41 may not receive credit. Strongly Recommended: CNT 50 with a minimum grade of C

Eve 20628 Tue 6:30 - 8:50 805 DAOUD 08/19 12/20 OP HY1  
By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CNT 74.1-HY1 is a hybrid course. Students will meet on campus Tuesdays from 6:30-8:50 p.m. in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CNT 8003 CISCO CCNA3 SCALING NETWORKS 3.0 Units

Architecture, components, and operations of routers and switches in large and complex networks. Configuring routers and switches for advanced functionality. Configuring and troubleshooting routers and switches and resolving common issues with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks. Developing the knowledge and skills needed to implement a WLAN in a small-to-medium network. Preparation for Cisco certification examination. Prerequisite: CNT 8002 with a minimum grade of C

Eve 23239 Wed 6:30 - 8:50 805 DAOUD 08/19 12/20 OP HY1  
Lab By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

CNT 8003-HY1 is a hybrid course. Students will meet on campus Wednesdays from 6:30-8:50p.m. in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

\*\*\*\*\*COMPUTER SCIENCE LPC

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CS 1 COMPUTING FUNDAMENTALS I 4.0 Units

Introduction to programming and problem-solving using C++. Problem solving techniques and algorithms; program design, development, style, testing and debugging. C++ syntax covered includes: variables; data types; operators and expressions; control structures; library and user- defined functions; basic input/output; binary input/output; arrays; vectors, user-defined data

structures. Strongly Recommended: MATH 107

Day 20382 MW 11:00 -12:15 2416 DIETRICH 08/19 12/20 OP V01  
Lab MW 12:30 - 1:45 2416 08/19 12/20 OP  
Day 21693 TTh 11:00 -12:15 1054 MORENO 08/19 12/20 OP V02  
Lab TTh 12:30 - 1:45 1054 08/19 12/20 OP  
Day 22000 MW 8:00 - 9:15 1054 KOMANETSKY 08/19 12/20 OP V03  
Lab MW 9:30 -10:45 1054 08/19 12/20 OP  
Day 22725 TTh 8:00 - 9:15 1013 MORENO 08/19 12/20 OP V04  
Lab TTh 9:30 -10:45 1013 08/19 12/20 OP  
Day 22329 MW 3:30 - 4:45 1054 LEE 08/19 12/20 OP V05  
Lab MW 5:00 - 6:15 1054 08/19 12/20 OP  
  
Eve 20383 TTh 6:00 - 7:15 1054 PENTCHEVA 08/19 12/20 OP 094  
Lab TTh 7:30 - 8:45 1054 08/19 12/20 OP

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CS 2 COMPUTING FUNDAMENTALS II 4.0 Units

Application of software engineering techniques to the design and development of large programs. Object-oriented programming methods and problem-solving strategies applied to intermediate-level problems using C++. Includes pointers and dynamic allocation; classes; encapsulation; inheritance and polymorphism; object and function overloading; recursive algorithms; data abstraction and structures. Strongly Recommended: CS 1

Day 21801 TTh 2:00 - 3:15 1013 KOMANETSKY 08/19 12/20 OP V01  
Lab TTh 3:30 - 4:45 1013 08/19 12/20 OP  
Day 22726 MW 11:00 -12:15 1013 MORENO 08/19 12/20 OP V02  
Lab MW 12:30 - 1:45 1013 08/19 12/20 OP  
  
Eve 21145 TTh 6:00 - 7:20 2416 PRATA SANTI 08/19 12/20 OP 093  
Lab TTh 7:30 - 8:50 2416 08/19 12/20 OP

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CS 7 INTRO TO COMPUTER PROGRAMMING 3.0 Units

An introductory course in computer programming concepts and fundamental coding skills using object-oriented languages like Python. Material includes problem-solving techniques, design of algorithms, and common programming constructs such as variables, expressions, input/output, decision-making, loops and arrays.

Day 21802 Tue 2:00 - 4:20 1054 PENTCHEVA 08/19 12/20 OP HY1

Lab By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP  
CS 7-HY1 is a hybrid course. Students will meet on campus Tuesdays from 2:00-4:20 PM in Room 1054. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositacollege.edu/onlinelearning>

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CS 17 DISCRETE MATH STRUCTURES 4.0 Units

Designed for majors in mathematics and computer science, this course provides an introduction to discrete Science and their applications. Course content includes: Propositional and predicate logic; rules of inference; quantifiers; elements of integer number theory; set theory; methods of proof; induction; combinatorics and discrete probability; functions and relations; recursive definitions and recurrence relations; elements of graph theory and trees. Applications include: analysis of algorithms, Boolean algebras and digital logic circuits. Students who have completed, or are enrolled in, MATH 10 may not receive credit. Prerequisite: MATH 1 and CS 1 with a minimum grade of C (May be taken concurrently)

Eve 23527 Tue 7:30 - 9:45 1002 MORRIS 08/19 12/20 GR 093  
Th 7:30 - 8:45 1002 08/19 12/20 GR  
Th 8:55 - 9:45 1002 08/19 12/20 GR

A TI-84 or TI-83 Calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

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CS 20 ADV PROG W/DATA STRUCTURES/C++ 4.0 Units

Design and implementation of complex programs in C++ using a variety of fundamental data structures and algorithms. Includes the design and implementation recursive functions, of abstract data types, linked lists, stacks, queues, binary trees, hash tables, induction, searching and sorting algorithms, graphs, heaps and algorithm analysis. Strongly Recommended: CS 2 with a minimum grade of C

Day 22105 MW 11:00 -12:15 1054 KOMANETSKY 08/19 12/20 OP V01  
Lab MW 12:30 - 1:45 1054 08/19 12/20 OP  
Eve 20764 MW 6:30 - 7:45 2416 HRYCEWICZ 08/19 12/20 OP 093  
Lab MW 8:00 - 9:15 2416 08/19 12/20 OP

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CS 21 ASSEMBLY LANGUAGE PROGRAMMING

4.0 Units

Basics of machine architecture, cpu architecture and design, machine language, assembly language, operating system and higher level language interface. Data representation, instruction representation and execution, addressing techniques and use of macros. Space and time efficiency issues. Input/output including video modes. Procedures including parameter passing and linkage to higher level languages. Prerequisite: CS 1 with a minimum grade of C

Day 22106 TTh 11:00 -12:15 1013 KOMANETSKY 08/19 12/20 OP V01  
Lab TTh 12:30 - 1:45 1013 08/19 12/20 OP

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CS 31 JAVA PROGRAMMING

4.0 Units

Applications programming using Java for students already familiar with the concepts of programming. Topics will include in Applets GUI programming and design using Swing, presenting data files over the web, elementary data structures (queues, linked list, stacks) and vectors, searching (linear, binary), sorting algorithms, Database programming using JDBC (Java Data Base Connectivity), Remote Method Invocation (RMI), and Java Beans. The student shall also be exposed to and experience developing Java applications and applets in the Linux/Unix environment(s) Strongly Recommended: Computer Science 1 and Computer Science 7 (completed with a grade of "C" or higher).

Eve 20963 Wed 6:30 - 9:20 1054 MORTEZAIE 08/19 12/20 OP HY1  
Lab By Arr 3.0 Hrs/Wk ONLINE 08/19 12/20 OP

CS 31-HY1 is a hybrid course. Students will meet on campus Wednesdays from 6:30-9:20 in Room 1054. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CS 41 INTRO TO LINUX/LPI LINUX+ CERT

3.0 Units

This course provides hands-on training covering basic installation, management, configuration, documentation and hardware topics for the Linux/UNIX operating system on workstations in a network environment. The course includes comprehensive coverage of topics related to Linux distributions, installation, administration, X-Windows, and networking. Students who have completed or are enrolled in Computer Networking Technology 7401 may not receive credit. Strongly Recommended: CNT 50 with a minimum grade of C

Eve 22107 Tue 6:30 - 8:50 805 DAUD 08/19 12/20 OP HY1

Lab By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP  
CS 41 HY1 is a hybrid course. Students will meet on campus Tuesdays from 6:30-8:50 p.m. in Room 805. The remainder of the course will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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CS 43 PROFESSIONAL COMMUNICATIONS 3.0 Units

This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes critical thinking, planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral presentations. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills. Students who have completed or are enrolled in Business 43, Computer Networking Technology 43, or Computer Information Systems 43 may not receive credit. Prerequisite: ENG 1A with a minimum grade of C

Web 20424 By Arr 3.0 Hrs/Wk ONLINE AUSTIN 08/19 12/20 OP HD1  
CS 43-DE1 is an online class. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

\*\*\*\*\*DANCE

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DANC 1 INTRODUCTION TO DANCE 1.0 Units

Introduction to the dance technique specific to ballet, modern and jazz dance. Similarities and differences found in each dance form will be explored. The history of ballet, modern and jazz dance will be examined.

Day 22981 Lab TTh 12:30 - 1:45 4127 LLOYD 08/19 12/20 OP V01

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DANC 4A MODERN/CONTEMPORARY DANCE A 1.0 Units

Beginning level instruction in the Contemporary Modern Dance technique. Emphasis on proper body alignment and body connectivity will be addressed. Students will be introduced to the elements of dance and transfer these elements into their technical practice.



Day 22681 Lab TTh 11:00 -12:15 4127 LLOYD 08/19 12/20 OP V01

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DANC 4B MODERN/CONTEMPORARY DANCE B 1.0 Units

Elementary to Intermediate level instruction in the Contemporary Modern Dance technique. Continued emphasis on proper body alignment and body connectivity will be addressed. Students will be expected to incorporate the elements of dance into their technical practice. Strongly Recommended: DANC 4A with a minimum grade of C

Day 22682 Lab TTh 11:00 -12:15 4127 LLOYD 08/19 12/20 OP V01

\*\*\*\*\*EARLY CARE AND EDUCATION

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ECE 50 EARLY CHILDHOOD PRINCIPLES 3.0 Units

Historical context and theoretical perspectives of developmentally appropriate practice in early care and education. Examines the role of the early childhood educator, identification of best practices for environmental design, curriculum, and teaching strategies. Explores constructive teacher -child interactions and relationships, the role of the family in education, culture and inclusion, professional ethics, career pathways and professional standards.

Day 22856 MW 11:00 -12:15 2306 TAYLOR 08/19 12/20 GR V01  
Web 22858 By Arr 3.0 Hrs/Wk ONLINE TAYLOR 08/19 12/20 GR DE1  
ECE 50-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Sat 23256 Sat 8:30 -11:30 2306 SALCEDA 08/19 12/20 GR WLC  
Esta clase es bilingue. Para registrarse comuníquese con Ana Del Aguila 925-424-1187. This class is taught bilingually (English-Spanish). To register for this section contact Ana Del Aguila at 925-424-1187.

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ECE 54 CHILD HEALTH, SAFETY & NUTR. 3.0 Units

This course covers aspects of nutrition, health, and safety that promote and maintain the health and well-being of all children and adults who work with young children. Topics include health and nutritional guidelines; maintaining

safe and healthy learning environments; state regulations, policies, and procedures; common childhood illnesses and infectious diseases; school-family collaboration; and emergency preparedness, first aid, and injury prevention.

Eve 22859 Tue 7:00 - 9:50 2204 COSTELLO-CH08/19 12/20 GR 093

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ECE 56 CHILD GROWTH AND DEVELOPMENT 3.0 Units

A study of the major physical, psychosocial, and cognitive/ language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

Day 22860 MW 9:30 -10:45 2306 TAYLOR 08/19 12/20 GR V01

Eve 22861 Mon 7:00 - 9:50 2450 CAPORUSSO 08/19 12/20 GR 093

Web 22862 By Arr 3.0 Hrs/Wk ONLINE GARNER 08/19 12/20 GR DE1

ECE 56-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedul or go to <http://www.laspositascollege.edu/onlinelearning>

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ECE 60 INTRO. CHILD EXCEPTIONAL NEEDS 3.0 Units

Introduces the variations in development of infants and children with exceptional needs and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with exceptional needs and the identification and referral process. Assessments, interventions and learning environments for infants and children with exceptional needs. Prerequisite: ECE 56 with a minimum grade of C

Eve 23914 Tue 7:00 - 9:50 2306 CAPORUSSO 08/19 12/20 GR 093

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ECE 62 CHILD, FAMILY AND COMMUNITY 3.0 Units

The processes of socialization and identity development, focusing on the interrelationship of family, school, and community. Examines the influence of multiple societal contexts. Explores the role of collaboration between family,

community, and schools in supporting children's development.

Day 22866 Th 9:30 -12:20 2306 GARNER 08/19 12/20 GR V01

Eve 22867 Tue 7:00 - 9:50 2450 PETERSON 08/19 12/20 GR 093

Web 22868 By Arr 3.0 Hrs/Wk ONLINE TAYLOR 08/19 12/20 GR DE1

ECE 62-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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ECE 63 EARLY CHILDHOOD CURRICULUM 4.0 Units

This course offers students the opportunity for professional application of the principles of child growth and development in the study of play based, inclusive curriculum within the physical environment of the infant, toddler and preschool classrooms. The learning experiences will include program content pertaining to the use of materials, the facilitation and guidance of all children's experiences based on what is culturally and developmentally appropriate for children; utilizing best practices in meeting the children's physical, social, emotional, cognitive and creative needs. Prerequisite: ECE 50 and ECE 56 with a minimum grade of C

Day 22869 MW 12:30 - 1:45 2301 GARNER 08/19 12/20 GR V01

Lab Mon 9:00 -12:15 2301 08/19 12/20 GR

Students must have a TB test completed within the last 4 years and show proof of MMR and dTAP vaccine for the first day of class.

Day 23500 MW 12:30 - 1:45 2301 GARNER 08/19 12/20 GR V02

Lab Wed 9:00 -12:15 2301 08/19 12/20 GR

Students must have a TB test completed within the last 4 years and show proof of MMR and dTAP vaccine for the first day of class.

Eve 22870 Mon 7:00 - 9:50 2306 NATTRASS 08/19 12/20 GR 093

Lab Wed 7:00 - 9:50 2306 08/19 12/20 GR

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ECE 67 INFANT AND TODDLER DEV. 3.0 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

Eve 22871 Th 7:00 - 9:50 2306 COSTELLO-CH08/19 12/20 GR 093

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ECE 68 ADMINI II: PERSONNEL & LEAD 3.0 Units

Effective strategies for personnel management and leadership in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program. Prerequisites: ECE 62 and ECE 63 with a minimum grade of C

Web 23497 By Arr 3.0 Hrs/Wk ONLINE VIRGILIO 08/19 12/20 GR DE1  
ECE 68-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedul or go to <http://www.laspositascollege.edu/onlinelearning>

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ECE 74 CHILD GUIDANCE 2.0 Units

This course introduces practical principles and techniques for developmentally and culturally appropriate guidance. Emphasis is on encouraging self-esteem and cultural awareness, effective communication skills, and direct and indirect guidance techniques and strategies. Upon completion of the course, students should be able to demonstrate strategies which encourage positive social interactions, promote conflict resolution and develop self-control, self-motivation and self-esteem in children.

Eve 23257 Wed 7:00 - 8:50 2460 COSTELLO-CH08/19 12/20 GR 093

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ECE 79 TEACHING IN A DIVERSE SOCIETY 3.0 Units

Examines the impact of various societal influences such as privilege, oppression, bias, and discrimination on the development of children's social and personal identity. Self-examination and reflection on values, beliefs and attitudes related to social identity, stereotypes, conscious and unconscious bias will be emphasized. Recognize and confront barriers that interfere with one's ability to work effectively with diverse populations of children and families. Enhance teacher skills for educating children in a pluralistic society. The class will focus heavily on anti-bias approaches to teaching, curriculum and family partnerships. Strongly Recommended: ECE 62 with a minimum grade of C

Day 22872 Tue 9:30 -12:20 2306 GARNER 08/19 12/20 GR V01

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ECE 90 PRACTICUM-SUPERVISED EXP. 4.0 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 and ECE 56 and ECE 62 and ECE 63 with a minimum grade of C

23258 Sat 2.0 hrsTBA 2306 GARNER 08/19 12/20 GR HY1

Lab TTh 8:30 -11:45 2301 08/19 12/20 GR

Students will meet for lecture on the following Saturdays: 8/24, 9/14, 10/12, 11/9 and 12/11 from 8:00AM-12:30PM. The remainder of the lecture class will be taught online. Students must have a TB Test completed and show proof of MMR and dTAP vaccine for the first day of lab. Students must complete 108 hours of lab during the semester. Students will arrange 6.5 hours of lab per week. Students placed at the Las Positas Child Development Center will complete their lab hours on Tuesday and Thursday mornings, from 8:30AM-11:45AM. Other students will be placed with CA Mentor Teachers.

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ECE 91 ADAPTIVE CURRICULUM EX. NEEDS 3.0 Units

Direct experience working with young children in special day classes or inclusive settings: application of intervention strategies using best practices of early childhood development and special education in adapting curriculum to meet the individual needs of children. Observation of the assessment process by the special education team and assisting in the implementation of the educational plan. Includes the role of the teacher as a professional working in partnership with families, collaboration with interdisciplinary teams and cultural competence. Prerequisite: ECE 60 and ECE 90 with a minimum grade of C

Eve 23259 Th 7:00 - 8:50 2302 CAPORUSSO 08/19 12/20 GR 093

Lab By Arr 3.0 Hrs/Wk tba 08/19 12/20 GR

54 hours of lab will be completed offsite at Leo R. Croce Elementary School: 5650 Scenic Ave. Livermore, CA Students must have a TB Test completed for the first day of class.

\*\*\*\*\*ECONOMICS

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ECON 1 PRINCIPLES OF MICROECONOMICS 3.0 Units

Economic analysis of market systems, price theory, including supply and demand analysis, marginal utility, elasticity, cost and revenue concepts, perfect and imperfect competition, international trade theory, pricing of the factors of production, poverty and income inequalities. Prerequisite: MATH 55 or MATH 55B and ENG 104 with a minimum grade of C

Day 20556 MW 12:30 - 1:45 1059 WEBSTER 08/19 12/20 OP V01  
ECON 1-V01 internet access required.

Day 20151 TTh 8:00 - 9:15 1059 SHUMAKER 08/19 12/20 OP V02

Day 20158 TTh 11:00 -12:15 1059 WEBSTER 08/19 12/20 OP V03  
ECON 1-V03 internet access required.

Eve 22008 Mon 6:00 - 8:50 2205 SHAHBAZI 08/19 12/20 OP 094

Web 20447 By Arr 3.0 Hrs/Wk ONLINE WEBSTER 08/19 12/20 OP DE1  
ECON 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 20912 By Arr 3.0 Hrs/Wk ONLINE WEBSTER 08/19 12/20 OP DE2

ECON 1-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go

<http://www.laspositascollege.edu/onlinelearning>

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ECON 2 PRINCIPLES OF MACROECONOMICS 3.0 Units

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade. Prerequisite: MATH 55 or MATH 55B and ENG 104 with a minimum grade of C

Day 20227 MW 11:00 -12:15 1058 WEBSTER 08/19 12/20 OP V01  
Econ 2-V01 internet access required.

Day 20015 TTh 9:30 -10:45 1059 SHUMAKER 08/19 12/20 OP V02

Web 20448 By Arr 3.0 Hrs/Wk ONLINE WEBSTER 08/19 12/20 OP DE1  
ECON 2-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 20278 By Arr 3.0 Hrs/Wk ONLINE WEBSTER 08/19 12/20 OP DE2

ECON 2-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositacollege.edu/onlinelearning>

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ECON 10 GENERAL ECONOMICS 3.0 Units

Survey of the economic system of the United States, covering such macroeconomic and microeconomic topics as supply and demand, firms' output and pricing decisions, international trade, comparative economic systems, economic growth, business cycles, fiscal and monetary policy, labor, and money banking.

Eve 21930 Wed 6:00 - 8:50 2450 SHAHBAZI 08/19 12/20 OP 093

\*\*\*\*\*EMERGENCY MEDICAL SERVICES

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EMS 10 PARAMEDIC THEORY 1 6.0 Units

General paramedic didactic education and training following the current Department of Transportation National Emergency Services Education Standards (NEMSES) and California Code of Regulations, Title 22. Includes cognitive content associated with: preparatory, anatomy and physiology, pharmacology, airway management, patient assessment, and trauma patient management. Prerequisite: EMS 20, BIO 50, EMS 62 with a minimum grade of C Corequisite: EMS 12

Day 22388 TTh 9:00 -11:50 2201 WONG 08/19 12/20 GR V01

EMS 10 is part of the EMT-Paramedic program. To enroll in this course, students must meet all prerequisites. Students may petition prerequisites if they have taken equivalent coursework at another institution. Petitions should be submitted with supporting documentation including transcripts to the Dean of Academic Services. As a Special Admissions program, interested students and prospective applicants are required to have all the program pre-requisites completed at the time of application. In addition, due to requirements of the clinical training facilities, admitted students to the paramedic program must successfully pass a criminal background check and drug panel screening. Admitted students must also submit immunization records prior to course attendance showing verification of required vaccinations and or titers. To enroll in this course, students must also be currently certified as an EMT with the State of California (EMT registration with NREMT does not substitute for certification as an EMT with the State of California); possess a current AHA Basic Life Support CPR recognition card; meet all immunization requirements; be a minimum of 18 years of age or older; and be able to successfully pass a

criminal history background investigation and drug screening administered by Verified Credentials at <http://www.verifiedcredentials.com> For information about the program and to apply for enrollment, visit: [www.laspositacollege.edu/EMT/paramedictrainingprogram.php](http://www.laspositacollege.edu/EMT/paramedictrainingprogram.php)

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EMS 12 PARAMEDIC LABORATORY 1

4.0 Units

Provides the skills portion of the current Department of Transportation National Emergency Services Education Standards (NEMSES) and California Code of Regulations, Title 22. Includes psychomotor skills associated with: preparatory, anatomy and physiology, pharmacology, airway management, patient assessment, and trauma patient management. Prerequisite: EMS 20, BIO 50, EMS 62 with a minimum grade of C Corequisite: EMS 10

Day 22389 Lab TTh 1:00 - 4:50 2203 WONG 08/19 12/20 P/N V01  
Lab Wed 9:00 -12:50 2203 08/19 12/20 P/N

EMS 12 is part of the EMT-Paramedic program. To enroll in this course, students must meet all prerequisites. Students may petition prerequisites if they have taken equivalent coursework at another institution. Petitions should be submitted with supporting documentation including transcripts to the Dean of Academic Services. As a Special Admissions program, interested students and prospective applicants are required to have all the program pre-requisites completed at the time of application. In addition, due to requirements of the clinical training facilities, admitted students to the paramedic program must successfully pass a criminal background check and drug panel screening. Admitted students must also submit immunization records prior to course attendance showing verification of required vaccinations and or titers. To enroll in this course, students must also be currently certified as an EMT with the State of California (EMT registration with NREMT does not substitute for certification as an EMT with the State of California); possess a current AHA Basic Life Support CPR recognition card; meet all immunization requirements; be a minimum of 18 years of age or older; and be able to successfully pass a criminal history background investigation and drug screening administered by Verified Credentials at <http://www.verifiedcredentials.com> For information about the program and to apply for enrollment, visit: [www.laspositacollege.edu/EMT/paramedictrainingprogram.php](http://www.laspositacollege.edu/EMT/paramedictrainingprogram.php)

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EMS 15L PARAMEDIC FIELD INTERN.LECTURE

1.0 Units

This is a co-requisite course to EMS 15P. Students will discuss their patient contacts with the Instructor. Students will be able to ask questions about



clinical cases encountered in EMS 15P and discuss management of emergency care during the student's field internship. Weekly reports of cases encountered will be presented and discussed. As needed, the Instructor will meet with the student in person to observe the progress of their internship. Corequisite: EMS 15P

Day 23724 Wed 1:00 - 1:50 2201 WONG 08/19 12/20 OP V01

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EMS 15P PARAMEDIC FIELD INTERNSHIP 8.0 Units

Provides practicum experience for paramedic students to observe and participate in emergency medical care supervised by a preceptor in an emergency response vehicle. Requires a minimum of 480 hours, and students must document at least 40 advanced life support (ALS) patient contacts. Student will provide the full continuum of care from initial contact to transfer of care at the receiving facility for half of all ALS contacts. Students must obtain minimum competency as a Team Leader. The field internship provides the student with an opportunity to serve as team leader in a variety of pre-hospital advanced life support emergency medical situations. Prerequisite: EMS 10, EMS 11, EMS 12, EMS 13, EMS 14 Corequisite: EMS 15L

Day 23241 By Arr 8.0 Hrs/Wk 2201 WONG 08/19 12/20 OP V01

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EMS 20 EMERGENCY MEDICAL TECHNICIAN 7.0 Units

Provides training in the foundation skills and knowledge required of the EMT scope of practice. The EMT certification is the minimum requirement for ambulance attendants and most entry-level firefighter positions. EMT certification is also required for entry into paramedic training. This training program is accredited by the Alameda County Emergency Medical Services District. Prerequisite: EMS 30 with a minimum grade of B

Eve 22200 Tue 5:00 - 8:50 2201 MCCLENDON 08/19 12/20 GR 093

Sat 9:00 - 9:50 2201 08/19 12/20 GR

Lab Sat 10:00 - 3:50 2201 08/19 12/20 GR

Students enrolled in EMS 20 -093 must attend a mandatory orientation on August 5, 2019 at 11:00AM to 2:00PM in Room 2203 and be present for the first class meeting All enrolled students must be at least 18 years of age to take this class. For this class you will need records of positive titers for Rubella, Rubeola (measles), Mumps, Varicella (chicken pox-vaccine must be given in two doses four weeks apart if student has no record of immunity), Hepatitis B (the student must have completed the complete Hepatitis B Tetanus diphtheria and

pertussis (Tdap) vaccine within the past ten years. The student must also have a QuantiFERON blood test to detect TB infection. Students must also have a Flu shot one year prior to enrollment in EMS 20. This should be recorded on the Health Science Student Immunizations Form available at the Las Positas Health Center website ([www.laspositascollege.edu/healthcenter/documents/Immunization2007.pdf](http://www.laspositascollege.edu/healthcenter/documents/Immunization2007.pdf)) and at the Student Health Center. Students may utilize the services of the Las Positas Student Health Center or use their own medical provider. Prospective students who do not bring proof of required titers by the second week of class will be dropped by the Instructor. Student must also present a current AHA BLS CPR or equivalent, and proof of certification at the Emergency Medical Responder (EMR) level or equivalent and/or proof of successful completion of EMS 30 with a grade of "B" or better. Prospective students that possess Emergency Medical Responder Certification and AHA BLS CPR or equivalent but did not complete EMS 30 must submit a petition to the Dean of Academic Services to waive the pre-requisite. Students enrolled in EMS 20 must also submit to a Background Investigation through Certified Backgrounds. The website is: <http://www.certifiedbackground.com>. The cost is \$20.00 and must be completed as a requirement from the hospitals that the college uses for the clinical observation portion of the class. Use Program Code: LC70, when submitting information and payment to Certified Backgrounds. Students who fail the background check will not be able to complete the hospital educational component and shall not receive certification as an EMT from the Local EMS Agency. Students who fail the background check will not be able to complete the hospital educational component and shall not receive certification as an EMT from the Local EMS Agency. During the course students may be required to purchase personal protective equipment such as a respiratory protection mask for use during clinical observations. Details will be provided during the first week of class. Please send all information to Las Positas College, ATTENTION: EMS DEPARTMENT/ MSEPS DIVISION, Wendy McClendon. You may contact Ms. McClendon by phone at 925-424-1000 Extension 2046, or by email at <mailto:wmclendon@laspositascollege.edu>

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EMS 30 EMERGENCY MEDICAL RESPONDER

3.0 Units

Development of knowledge and skills necessary for recognizing and caring for victims in emergency situations, including cardiopulmonary resuscitation, 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

Day 22198 Mon 9:00 -10:50 2203 HOGUE 08/19 12/20 GR V01

Lab Mon 11:00 - 1:50 2203 08/19 12/20 GR

Students will be assessed a \$7 fee at registration for the American Heart Association completion card; the Emergency Medical Responder completion certificate.

Eve 22199 Th 5:30 - 7:20 2203 ADKINS 08/19 12/20 GR 093

Lab Th 7:30 -10:20 2203 08/19 12/20 GR

Students will be assessed a \$7 fee at registration for the American Heart Association completion card; the Emergency Medical Responder completion certificate.

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EMS 62 BASIC MEDICAL TERMINOLOGY 3.0 Units

A basic course in medical terminology designed for students in studying for Allied Health careers such as Surgical Technologist, Paramedic, Pre-nursing, and Radiology Technician. Medical vocabulary with concentration on prefixes, suffixes, and root words. Emphasis on word dissection, definitions as applied to the body systems including the terminology used in surgical procedures. Concepts focus on comprehensive terminology, pronunciation and spelling core.

Day 20868 TTh 11:00 -12:15 2206 ADKINS 08/19 12/20 GR V01

Eve 22508 Tue 7:00 - 9:50 1011 WITTMAN 08/19 12/20 GR 093

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EMS 70B CPR FOR HEALTH CARE PROVIDERS 0.5 Units

Development of knowledge, skills and personal judgment necessary to initiate and perform basic life support techniques as a health care professional. Successful completion of the knowledge and skills tests qualifies for an American Heart Association Basic Life Support Certificate.

Day 22922 Mon 2:00 - 5:00 2203 EBERLE 08/19 12/20 P/N V01

EMS 70B has a materials fee of \$4.

Day 22924 Fri 2:00 - 5:00 2204 EBERLE 08/19 12/20 P/N V02

EMS 70B has a materials fee of \$4.

\*\*\*\*\*ENGINEERING

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ENGR 10 INTRODUCTION TO ENGINEERING 2.0 Units

Introduction to careers, activities, and topics related to the field of engineering, including computer applications design and problem solving. Strongly Recommended: (Chabot) ENGL 1A. Strongly Recommended: (LPC) ENG 1A with a minimum grade of C

Day 20281 MW 12:30 - 1:20 1826 LEVEL 08/19 12/20 OP V01

Eve 21726 Th 4:30 - 6:20 1060 DECKER 08/19 12/20 OP VT1

This VT1 section is open to all students. Students in the Engineering Technology AS degree program are encouraged to take this section as part of a Learning Community.

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ENGR 22 ENGINEERING DESIGN GRAPHICS 3.0 Units

Introduction to the engineering-design process, and to technical-graphic communications tools used by engineers. Conceptual design of products. Development of spatial reasoning skills. Orthographic and axonometric projection-drawing techniques. Tolerance analysis for fabrication. Documentation of designs through engineering working-drawings. Use of Solidworks Computer-Assisted Drawing Software as a design tool. Basic CAD 3-dimensional solid-modeling. Strongly Recommended: (Chabot) MTH 37 and, ENGL 1A. Strongly Recommended: (LPC) MATH 38 and ENG 1A, 2 hours lecture, 3 hours laboratory.

Day 20443 TTh 11:00 -11:50 1859 LEVEL 08/19 12/20 GR V01

Lab TTh 12:00 - 1:20 1859 08/19 12/20 GR

Eve 23230 TTh 4:30 - 5:20 1859 RAY 08/19 12/20 GR 093

Lab TTh 5:30 - 6:50 1859 08/19 12/20 GR

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ENGR 25 COMP METHODS ENGINEER/ SCIENCE 3.0 Units

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB, SimuLink, MuPad, 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. (Chabot: May not receive credit if Mathematics 25 or

Physics 25 has been completed. Prerequisite: MTH 1 (completed with a grade of "C" or higher) (LPC: Prerequisite: MATH 1 with a minimum grade of C Strongly Recommended: CS 7 with a minimum grade of C)

Day 20922 TTh 1:30 - 2:20 1859 LEVEL 08/19 12/20 GR V01  
Lab TTh 2:30 - 3:50 1859 08/19 12/20 GR

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ENGR 44 INTRO TO CIRCUIT ANALYSIS 4.0 Units

Introduction to analysis methods for electrical circuits. Topics include general techniques for circuit analysis, simple resistive circuits, inductors, capacitors, mutual coupling, operational amplifier circuits, transient and steady-state analysis of first- order and second-order circuits. Lab topics include introduction to the use of electronic test equipment, designing, assembling, testing and simulating various resistive, LC, RC and operational amplifier circuits. Simulations are done with available circuit simulations codes such as PSpice. Prerequisite: PHYS 1A with a minimum grade of C

Day 22454 MW 1:30 - 2:45 1859 NEWTON 08/19 12/20 GR V01  
Lab Mon 3:00 - 5:50 1822 08/19 12/20 GR

\*\*\*\*\*ENGLISH LPC

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ENG 1A CRITICAL READING AND COMP 3.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individual's worldview and contexts from which these ideas arise. Some research required. Prerequisite: ENG 104 or NENG 204 with a minimum grade of Pass or ESL 25 with a minimum grade of C

Day 21701 Fri 8:00 -10:50 2460 DURAN 08/19 12/20 GR HY4  
Lab By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 GR

ENG 1A- HY4 is a hybrid course. Students will meet on campus Students will meet on campus Fridays from 8:00-10:50am in Room 2460. They will be required to complete the remainder of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Day 20243 MW 11:00 -12:15 1007 GONZALES 08/19 12/20 GR P01  
Lab Wed 12:30 - 1:20 1007 08/19 12/20 GR

The above section is part of the Puente Program Learning Community. For more information, or to register for the program, please contact Rafael Valle at

<mailto:rvalle@laspositascollege.edu>.

Day 21835 MW 11:00 -12:15 1006 QUESADA TUR08/19 12/20 GR U01  
Lab Mon 12:30 - 1:20 1006 08/19 12/20 GR

This English course, developed for the Umoja Program, highlights the scholarship of Black thinkers and writers, including authors, essayists, poets, and lyricists. This course will focus on Hip Hop culture and Rap music as its theme. Interested students should contact Kimberly Burks at <mailto:kburks@laspositascollege.edu>

Day 20242 MW 8:00 - 9:15 2460 KELLER 08/19 12/20 GR V01  
Lab Wed 9:30 -10:20 2412 08/19 12/20 GR

Day 22126 Lab Mon 8:00 - 8:50 2412 WONG 08/19 12/20 GR V02  
Mon 9:00 - 9:50 402 08/19 12/20 GR  
Wed 8:00 - 9:50 402 08/19 12/20 GR

Day 22127 MW 9:30 -10:45 104 HANSEN 08/19 12/20 GR V03  
Lab Wed 8:30 - 9:20 2412 08/19 12/20 GR

Day 20241 MW 9:30 -10:45 503 RIOJAS-CERV08/19 12/20 GR V04  
Lab Mon 11:00 -11:50 804 08/19 12/20 GR

Day 21001 MW 9:30 -10:45 2490 ADMASSU 08/19 12/20 GR V05  
Lab Wed 11:00 -11:50 2412 08/19 12/20 GR

Day 22983 MW 9:30 -10:45 105 STEIN 08/19 12/20 GR V06  
Lab Mon 11:00 -11:50 2412 08/19 12/20 GR

Day 22984 MW 11:00 -12:15 2470 OTT 08/19 12/20 GR V07  
Lab Wed 12:30 - 1:20 2412 08/19 12/20 GR

Day 21243 MW 1:00 - 2:15 403 GAROUPA 08/19 12/20 GR V08  
Lab Mon 2:25 - 3:15 2412 08/19 12/20 GR

Day 20239 Mon 2:00 - 3:50 1007 DURAN 08/19 12/20 GR V09  
Wed 2:00 - 2:50 1007 08/19 12/20 GR  
Lab Wed 2:55 - 3:45 1007 08/19 12/20 GR

Day 20238 MW 2:30 - 3:45 103 CAMPBELL 08/19 12/20 GR V10  
Lab Mon 3:55 - 4:45 804 08/19 12/20 GR

Day 20245 TTh 8:00 - 9:15 4130 OTT 08/19 12/20 GR V11  
Lab Tue 9:25 -10:15 2412 08/19 12/20 GR

Day 20376 Tue 8:00 - 9:50 1007 MYLIUS 08/19 12/20 GR V12  
Th 8:00 - 8:50 1007 08/19 12/20 GR  
Lab Th 8:55 - 9:45 1007 08/19 12/20 GR

Day 20314 TTh 9:30 -10:45 2470 MCMICHAEL 08/19 12/20 GR V13  
Lab Th 8:30 - 9:20 2412 08/19 12/20 GR

Day 20246 TTh 9:30 -10:45 1060 NASH 08/19 12/20 GR V14  
Lab Tue 11:00 -11:50 804 08/19 12/20 GR

Day 22128 TTh 9:30 -10:45 1056 ELLINGSWORT08/19 12/20 GR V15  
Lab Th 11:00 -11:50 2412 08/19 12/20 GR

Day 22129 Tue 10:00 -11:50 1007 SPIRN 08/19 12/20 GR V16  
Th 10:00 -10:50 1007 08/19 12/20 GR  
Lab Th 10:55 -11:45 1007 08/19 12/20 GR

Day 20244 TTh 11:00 -12:15 105 EAGAN 08/19 12/20 GR V17  
Lab Tue 12:30 - 1:20 2412 08/19 12/20 GR

Day 20240 Tue 12:00 - 1:50 1007 SATO 08/19 12/20 GR V18  
 Th 12:00 -12:50 1007 08/19 12/20 GR  
 Lab Th 12:55 - 1:45 1007 08/19 12/20 GR  
 Day 20347 TTh 12:30 - 1:45 402 QUESADA TUR08/19 12/20 GR V19  
 Lab Th 11:30 -12:20 804 08/19 12/20 GR  
 Day 23007 MW 11:00 -12:15 104 HANSEN 08/19 12/20 GR V20  
 Lab Mon 12:30 - 1:20 2412 08/19 12/20 GR  
 Day 21702 TTh 9:30 -10:45 507 BOLLMAN 08/19 12/20 GR V21  
 Lab Tue 8:30 - 9:20 2412 08/19 12/20 GR  
 Day 20237 TTh 12:30 - 1:45 106 MCMICHAEL 08/19 12/20 GR V22  
 Lab Tue 11:30 -12:20 2412 08/19 12/20 GR  
 Day 20248 Tue 3:30 - 5:20 1006 BUDD 08/19 12/20 GR V23  
 Th 3:30 - 4:20 1006 08/19 12/20 GR  
 Lab Th 4:25 - 5:15 1006 08/19 12/20 GR  
 Day 20249 Fri 9:30 -12:20 1007 WONG 08/19 12/20 GR V24  
 Lab Fri 12:25 - 1:15 1007 08/19 12/20 GR  
 Day 20247 TTh 1:00 - 2:15 1008 WIGHTMAN 08/19 12/20 GR V25  
 Lab Th 12:00 -12:50 2412 08/19 12/20 GR  
 Day 22130 Tue 2:00 - 3:50 1007 SATO 08/19 12/20 GR V26  
 Th 2:00 - 2:50 1007 08/19 12/20 GR  
 Lab Th 2:55 - 3:45 1007 08/19 12/20 GR  
 Day 22562 TTh 3:00 - 4:15 106 NASH 08/19 12/20 GR V27  
 Lab Tue 2:00 - 2:50 2412 08/19 12/20 GR  
 Day 20523 Mon 3:30 - 5:20 1006 CONNORS 08/19 12/20 GR V28  
 Wed 3:30 - 4:20 1006 08/19 12/20 GR  
 Lab Wed 4:25 - 5:15 1006 08/19 12/20 GR  
 Day 23920 TTh 2:00 - 3:15 401B BIELAWSKI 08/19 12/20 GR V29  
 Lab Th 3:30 - 4:20 401B 08/19 12/20 GR

Eve 22206 Mon 4:00 - 5:50 1007 HEINRICHS 08/19 12/20 GR 094  
 Wed 4:00 - 4:50 1007 08/19 12/20 GR  
 Lab Wed 4:55 - 5:45 1007 08/19 12/20 GR  
 Eve 23006 Mon 6:00 - 7:50 1007 CONNORS 08/19 12/20 GR 095  
 Wed 6:00 - 6:50 1007 08/19 12/20 GR  
 Lab Wed 6:55 - 7:45 1007 08/19 12/20 GR  
 Eve 20585 Tue 4:00 - 5:50 1007 ELLINGSWORT08/19 12/20 GR 097  
 Th 4:00 - 4:50 1007 08/19 12/20 GR  
 Lab Th 4:55 - 5:45 1007 08/19 12/20 GR  
 Eve 20257 Tue 6:30 - 9:20 1006 GAROUPA 08/19 12/20 GR HY1  
 Lab By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 GR

ENG 1A-HY1 is a hybrid course. All class meetings will in room 1006. The lab portion of the course will be conducted over the Internet. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Eve 20256 Th 6:30 - 9:20 1006 BUDD 08/19 12/20 GR HY2  
 Lab By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 GR

ENG 1A-HY2 is a hybrid course. All class meetings will be in Room 1006. The lab portion of the course will be conducted over the Internet. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 20295 By Arr 4.0 Hrs/Wk ONLINE O'HERIN 08/19 12/20 GR DE1  
ENG 1A-DE1 is an online course. For more information, see the section titled "Online Learning" in the schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 20354 By Arr 4.0 Hrs/Wk ONLINE O'HERIN 08/19 12/20 GR DE2  
ENG 1A-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 22131 By Arr 4.0 Hrs/Wk ONLINE COLE 08/19 12/20 GR DE3  
ENG 1A-DE3 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 22132 By Arr 4.0 Hrs/Wk ONLINE COLE 08/19 12/20 GR DE4  
ENG 1A-DE4 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 22133 By Arr 4.0 Hrs/Wk ONLINE DRY 08/19 12/20 GR DE5  
ENG 1A-DE5 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 22330 By Arr 4.0 Hrs/Wk ONLINE DRY 08/19 12/20 GR DE6  
ENG 1A-DE6 is an online course. For more information, see the section titled "Online Learning" in the schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 22999 By Arr 4.0 Hrs/Wk ONLINE SWANSON-GAR08/19 12/20 GR DE7  
ENG 1A-DE7 is an online course. For more information, see the section titled "Online Learning" in the schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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ENG 1AEX CRITICAL READING COMP EXPANDED

4.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individual's worldview and contexts from which these ideas arise. Some research required. Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. English 1AEX provides students with an extra unit of lab to support students in reading and writing complex, college-level prose. Students who have completed, or are enrolled in, ENG 1A may not receive credit. Prerequisite: ENG 104 or ESL 25 with a minimum grade of C



Day 23274 MW 8:00 - 9:15 401A OTT 08/19 12/20 GR V01  
 Lab MW 9:25 -10:40 401A 08/19 12/20 GR  
 Day 23275 MW 8:00 - 9:15 401B MOELLERING 08/19 12/20 GR V02  
 Lab MW 9:25 -10:40 401B 08/19 12/20 GR  
 Day 23276 MW 11:00 -12:15 401B SATO 08/19 12/20 GR V03  
 Lab MW 12:25 - 1:40 401B 08/19 12/20 GR  
 Day 23278 MW 2:00 - 3:15 401B PERKO 08/19 12/20 GR V04  
 Lab MW 3:25 - 4:40 401B 08/19 12/20 GR  
 Day 23279 TTh 8:00 - 9:15 401A SWANSON-GAR08/19 12/20 GR V06  
 Lab TTh 9:25 -10:40 401A 08/19 12/20 GR  
 Day 23281 TTh 11:00 -12:15 401B COLE 08/19 12/20 GR V08  
 Lab TTh 12:25 - 1:40 401B 08/19 12/20 GR  
 Day 23283 TTh 2:00 - 3:15 401A EAGAN 08/19 12/20 GR V10  
 Lab TTh 3:25 - 4:40 401A 08/19 12/20 GR  
 Eve 23284 MW 6:00 - 7:15 401A DUARTE 08/19 12/20 GR 093  
 Lab MW 7:25 - 8:40 401A 08/19 12/20 GR  
 Eve 23528 TTh 6:00 - 7:15 401B GARCIA 08/19 12/20 GR 095  
 Lab TTh 7:25 - 8:40 401B 08/19 12/20 GR

ENG 4 CRITICAL THINKING/WRITING LIT 3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the analysis of fiction, poetry and drama; literary criticism; and related non-fiction from diverse cultural sources and perspectives. Emphasis on the techniques and principles of effective written argument as they apply to literature. Some research required. Prerequisite: ENG 1A with a minimum grade of C

Day 23000 MW 8:00 - 9:15 1007 MYLIUS 08/19 12/20 GR V01  
 Day 22027 MW 9:30 -10:45 1007 SWANSON-GAR08/19 12/20 GR V02  
 Day 20250 MW 12:30 - 1:45 1602 PERKO 08/19 12/20 GR V04  
 Day 20457 MW 2:00 - 3:15 1006 HEINRICHS 08/19 12/20 GR V05  
 Day 20251 TTh 9:30 -10:45 1006 SMIGELSKI 08/19 12/20 GR V06  
 Day 20253 TTh 11:00 -12:15 1006 ROBINSON 08/19 12/20 GR V07  
 Day 22029 TTh 12:30 - 1:45 1006 GAROUPA 08/19 12/20 GR V08  
 Day 21998 TTh 1:30 - 2:45 104 SMIGELSKI 08/19 12/20 GR V09  
 Eve 20258 Mon 7:00 - 9:50 1641 GAROUPA 08/19 12/20 GR 093  
 Eve 21836 Tue 6:30 - 9:20 1007 KAPLAN 08/19 12/20 GR 094  
 Web 22028 By Arr 3.0 Hrs/Wk ONLINE O'HERIN 08/19 12/20 GR DE1  
 ENG 4-DE1 is an online course. For more information, see the section titled Online Learning" in the schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22030 By Arr 3.0 Hrs/Wk ONLINE NASH 08/19 12/20 GR DE2  
ENG 4-DE2 is an online course. For more information, see the section titled  
"Online Learning" in the schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 23921 By Arr 3.0 Hrs/Wk ONLINE CHIOLIS 08/19 12/20 GR DE3  
ENG 4-DE3 is an online course. For more information, see the section titled  
Online Learning" in the schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

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ENG 7 CRITICAL THINKING/WRITING

3.0 Units

Develops critical thinking, reading, and writing skills as they apply to the textual analysis of primary and secondary book-length works from a range of academic and cultural contexts. Emphasis on the techniques and principles of effective written argument in research-based writing across disciplines.

Prerequisite: ENG 1A with a minimum grade of C

Day 20255 MW 8:00 - 9:15 2470 BOLLMAN 08/19 12/20 GR V01

Day 20560 MW 9:30 -10:45 1006 SPIRN 08/19 12/20 GR V02

Day 20252 MW 12:30 - 1:45 106 ROBINSON 08/19 12/20 GR V03

Day 20254 TTh 8:00 - 9:15 1006 KELLER 08/19 12/20 GR V04

Day 21566 TTh 9:30 -10:45 105 BUMMER 08/19 12/20 GR V05

Day 22331 TTh 11:00 -12:15 2470 BUMMER 08/19 12/20 GR V06

Day 20352 TTh 2:00 - 3:15 1006 BUMMER 08/19 12/20 GR V07

Eve 20319 MW 7:00 - 8:15 2412 STEVENS 08/19 12/20 GR 094

Eve 21999 TTh 4:00 - 5:15 507 QUESADA TUR08/19 12/20 GR 095

Web 21128 By Arr 3.0 Hrs/Wk ONLINE BIELAWSKI 08/19 12/20 GR DE1  
ENG 7-DE1 is an online course. For more information, see the sections titled  
"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 21244 By Arr 3.0 Hrs/Wk ONLINE BIELAWSKI 08/19 12/20 GR DE2  
ENG 7-DE2 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22134 By Arr 3.0 Hrs/Wk ONLINE STEVENS 08/19 12/20 GR DE3  
ENG 7-DE3 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 23922 By Arr 3.0 Hrs/Wk ONLINE BIELAWSKI 08/19 12/20 GR DE4  
ENG 7-DE4 is an online course. For more information, see the section titled  
Online Learning" in the schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

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ENG 11 INTRO TO CREATIVE WRITING

3.0 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: Completion of English 1A with a minimum grade of C. 3 hours.

Day 20343 TTh 12:30 - 1:45 403 GONZALES 08/19 12/20 GR V01

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ENG 12A CRAFT OF WRITING FICTION

3.0 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 and eligibility for ENG 1A.

Eve 22263 Wed 6:30 - 9:20 1006 NASH 08/19 12/20 OP 093

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ENG 12B CRAFT OF WRITING FICT:INTERMED

3.0 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. 3 hours. Strongly Recommended: ENG 12A with a minimum grade of C and ENG 1A with a minimum grade of C

Eve 22264 Wed 6:30 - 9:20 1006 NASH 08/19 12/20 OP 093

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ENG 20 STUDIES IN SHAKESPEARE 3.0 Units

Readings of the sonnets and representative comedies, histories, tragedies, and romances of William Shakespeare, with attention to the early, middle and late phases of his art and to the Age of Elizabeth. Prerequisite: ENG 1A with a minimum grade of C

Day 23273 MW 12:30 - 1:45 103 MOELLERING 08/19 12/20 GR V01

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ENG 41 WORLD LIT: 17TH CENT-PRESENT 3.0 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. Prerequisite: ENG 1A (completed with a grade of "C" or higher).

Day 21837 MW 9:30 -10:45 4212 BUMMER 08/19 12/20 GR V01

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ENG 104 INTEGRATED READNG & WRITING II 4.0 Units

An accelerated one-semester preparation in English for success in college. Integrates reading, critical thinking and writing assignments, using materials that present a variety of perspectives from across the curriculum.

Day 23530 MW 11:00 -12:15 401A EAGAN 08/19 12/20 P/N V01

Lab MW 12:25 - 1:40 401A 08/19 12/20 P/N

Day 23531 TTh 11:00 -12:15 401A DRY 08/19 12/20 P/N V02

Lab TTh 12:25 - 1:40 401A 08/19 12/20 P/N

Eve 20895 MW 6:00 - 7:15 401B PARK 08/19 12/20 P/N 093

Lab MW 7:25 - 8:40 401B 08/19 12/20 P/N

\*\*\*\*\*ENGLISH AS A SECOND LANGUAGE

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ESL 23 ADVANCED GRAMMAR 3.0 Units

This is a one-semester advanced grammar course for academic purposes. The course focuses on sentences, clauses, and phrases, verb tenses and forms, auxiliary verbs and modals, and grammar analysis to enhance reading

comprehension. Students are advised to enroll concurrently in ESL 23 and ESL 24 or 25. Prerequisite: ESL 120B or NESL 220B and ESL 121B with a minimum grade of P or NESL 221B or placement through the ESL assessment process.

Day 20226 Fri 9:30 -12:20 1053 TALEB-AGHA 08/19 12/20 OP V01

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ESL 24 ADV. READING AND COMPOSITION I 6.0 Units

This is the first semester of a one-year advanced reading and writing course for academic purposes. Emphasis is on critical reading techniques and writing expository essays as well as on grammar and vocabulary development. Prerequisite: ESL 121B with a minimum grade of Pass or Placement through the ESL assessment process

Day 20156 MW 9:00 -11:50 403 PODEVYN 08/19 12/20 OP V01

Lab Wed 12:00 -12:50 600 08/19 12/20 OP

Students are advised to enroll concurrently in ESL 24 and 23 or 26.

Day 20157 MW 9:00 -11:50 1053 DEBAKCSY 08/19 12/20 OP V02

Lab Wed 12:00 -12:50 1053 08/19 12/20 OP

Students are advised to enroll concurrently in ESL 24 and 23 or 26.

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ESL 25 ADV. READING AND COMP. II 6.0 Units

This is the second semester of a one-year advanced reading and writing course for academic purposes. Emphasis is on critical reading and techniques of exposition, analysis, and argumentation. Prerequisite: ESL 24 with a minimum grade of C or Placement through the ESL assessment process.

Day 21623 MW 9:00 -11:50 1051 KHABIRI 08/19 12/20 OP V01

Lab Wed 12:00 -12:50 600 08/19 12/20 OP

Students are advised to enroll concurrently in ESL 25 and 23 or 26.

Eve 22733 MW 6:30 - 9:20 1053 BRICKMAN 08/19 12/20 OP 093

Lab Wed 5:30 - 6:20 600 08/19 12/20 OP

Students are advised to enroll concurrently in ESL 24 and 23 or 26.

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ESL 120A INTERM GRAMMAR/READ, WRITE I 3.0 Units

This is the first semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to use linguistic

forms accurately, meaningfully and appropriately in written expression. This course focuses on compound and complex sentences, verb tense and form, and modals. This course also emphasizes grammar analysis, detecting and correcting grammatical errors, and self-editing skills. Prerequisite: ESL 130B or appropriate skill level demonstrated through the ESL assessment process. Students are advised to enroll concurrently in ESL 120A and 121A and 123 or 126. 3 hours lecture

Day 21771 Fri 9:30 -12:20 1008 ONG 08/19 12/20 P/N V01

Eve 20124 Mon 6:30 - 9:20 1006 ONG 08/19 12/20 P/N 094

ESL 120B INTERM GRAMMAR/READ, WRITE II 3.0 Units

This is the second semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on compound and complex sentences and short paragraphs, overview of the verb tense system in English, verb forms with gerunds and infinitives, verb forms in modifying phrases, and modals. This course also emphasizes analyzing grammar and meaning, detecting and correcting grammatical errors, and self-editing skills. Prerequisite: ESL 120A or appropriate skill level demonstrated through the ESL assessment process. Students are advised to enroll concurrently in ESL 120B, 121B, and 123 or 126.

Day 21772 Fri 9:30 -12:20 1051 LEHR 08/19 12/20 P/N V01

Eve 21774 Mon 6:30 - 9:20 1060 MILLS 08/19 12/20 P/N 093

ESL 121A INTERM. READING AND WRITING I 6.0 Units

This is the first semester of a one-year course in intermediate academic writing and reading. Classes will focus on writing sentences, paragraphs and compositions, developing strategies for reading comprehension and flexibility, on interactive reading, and on academic vocabulary development. Students will develop cultural understanding, vocabulary, and fluency through a variety of academic writing and reading tasks. Students are advised to enroll concurrently in ESL 120A, 121A and 123 or 126. Prerequisite: ESL 131B with a minimum grade of Pass or placement through the ESL assessment process.

Day 20613 TTh 9:00 -11:50 1008 PODEVYN 08/19 12/20 P/N V01

Lab Tue 12:00 -12:50 1008 08/19 12/20 P/N

Day 20938 TTh 9:00 -11:50 1051 PAYNE 08/19 12/20 P/N V02  
Lab Tue 12:00 -12:50 600 08/19 12/20 P/N

Eve 20614 TTh 6:30 - 9:20 1051 BRICKMAN 08/19 12/20 P/N 093  
Lab Tue 5:30 - 6:20 600 08/19 12/20 P/N

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ESL 121B INTERM. READING AND WRITING II 6.0 Units

This is the second semester of a one-year course in intermediate academic writing and reading. Classes will focus on writing sentences, paragraphs and compositions, developing strategies for reading comprehension and flexibility, on interactive reading, and academic vocabulary development. Students will develop cultural understanding and fluency through a variety of academic writing and reading tasks. Students are advised to enroll concurrently in ESL 120B, 121B and 123 or 126. Prerequisite: ESL 121A with a minimum grade of C or placement through the ESL assessment process.

Day 20341 TTh 9:00 -11:50 403 MCGURK 08/19 12/20 P/N V01  
Lab Tue 12:00 -12:50 600 08/19 12/20 P/N

Day 22735 TTh 9:00 -11:50 1053 PABLEY 08/19 12/20 P/N V02  
Lab Tue 12:00 -12:50 1053 08/19 12/20 P/N

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ESL 123 INTERMEDIATE ORAL COMMUNICA 2.0 Units

This is an intermediate level oral communication course. This course will enable students to use linguistic forms accurately, meaningfully and appropriately, emphasizing academic listening and speaking skills: listening and speaking in small groups, listening to short lectures on academic topics, learning academic vocabulary and expressions, making presentations on new topics. Prerequisite: ESL 130B, ESL 131B, ESL 133 or an appropriate skill level demonstrated through the ESL assessment process. Prerequisite: ESL 133 with a minimum grade of C

Day 20449 Wed 1:00 - 2:50 1053 TALEB-AGHA 08/19 12/20 P/N V01  
Lab Wed 3:00 - 3:50 1053 08/19 12/20 P/N

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ESL 126 PRONUNCIATION OF ENGLISH 2.0 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 or ESL 131B or ESL 136 with a minimum grade of P or placement through ESL assessment process

Sat 22463 Sat 9:30 -11:20 1053 WOOD 08/19 12/20 P/N WE1  
Lab Sat 11:30 -12:20 1053 08/19 12/20 P/N

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ESL 130A BEG GRAMMAR/WRITE, READ I 3.0 Units

This is the first semester of a one-year course in beginning grammar for academic purposes designed to enable students to understand and use English accurately, meaningfully and appropriately. The course focuses on the connection between vocabulary and grammar, simple and compound sentences, phrases, verb forms, and verb tenses, especially simple present, simple past, and present progressive. Students are advised to enroll concurrently in ESL 130A, 131A, and 133 or 136. Strongly Recommended: Placement through the ESL assessment process

Day 21775 Th 9:00 -11:50 402 ONG 08/19 12/20 P/N V01

Eve 21776 Th 6:30 - 9:20 1053 MILLS 08/19 12/20 P/N 093

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ESL 130B BEG GRAMMAR/READ/WRITE II 3.0 Units

This is the second semester of a one-year course in beginning grammar for academic purposes designed to enable students to identify and use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on simple and compound sentences, word order, verb tenses: simple present, past, and future as well as present and past progressive, verb forms, modals, phrases, and vocabulary development. Students are advised to enroll concurrently in ESL 130B, 131B, and 133 or 136. Prerequisite:ESL 130A or NESL 230A with a minimum grade of P or placement through the ESL assessment process.

Day 21777 Th 9:00 -11:50 1052 TALEB-AGHA 08/19 12/20 P/N V01

Eve 21778 Th 6:30 - 9:20 1053 MILLS 08/19 12/20 P/N 093

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ESL 131A BEGINNING READING AND WRITING 6.0 Units



This is the first semester of a one-year course in beginning academic writing and reading. Classes will focus on writing simple and compound sentences in short paragraphs, on developing strategies for increasing reading comprehension and flexibility, on interactive reading, and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks. Students are advised to enroll concurrently in ESL 131A, 130A, and 133 or 136. Strongly recommended: Appropriate skill level demonstrated through the ESL assessment process.

Day 20177 MW 9:00 -11:50 507 BILBAO 08/19 12/20 P/N V01  
Lab Mon 12:00 -12:50 600 08/19 12/20 P/N  
Day 23532 MW 9:00 -11:50 4130 BARLOW 08/19 12/20 P/N V02  
Lab Mon 12:00 -12:50 1053 08/19 12/20 P/N

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ESL 131B HIGH-BEG. READING AND WRITING 6.0 Units

This is the second semester of a one-year course in beginning academic writing and reading. Classes will focus on writing simple, compound, and complex sentences in structured paragraphs, on developing strategies for increasing reading comprehension and flexibility, on interactive reading, and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks. Students are advised to enroll concurrently in ESL 131B and 130B, and 133 or 136. Prerequisite: ESL 131A or NESL 231A completed with a minimum grade of Pass or placement through the ESL assessment process.

Day 20397 MW 6:30 - 9:20 1051 PAYNE 08/19 12/20 P/N 093  
Lab Wed 5:20 - 6:30 600 08/19 12/20 P/N  
Day 20342 MW 9:00 -11:50 1008 MCGURK 08/19 12/20 P/N V01  
Lab Wed 12:00 -12:50 1008 08/19 12/20 P/N

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ESL 133 BEGINNING ORAL COMMUNICATION 2.0 Units

This is a beginning oral communication course. This course will enable students to use English accurately, meaningfully and appropriately, emphasizing conversational skills: listening and speaking in small groups, using new grammar structures, learning new words and expressions, comprehending and using idiomatic expressions. Strongly Recommended: placement through the ESL assessment process.

Sat 21307 Sat 9:30 -11:20 1051 CHAN 08/19 12/20 P/N WE1  
Lab Sat 11:30 -12:20 1051 08/19 12/20 P/N

\*\*\*\*\*ENVIRONMENTAL STUDIES LPC

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EVST 5 ENERGY AND SUSTAINABILITY 3.0 Units

Introduction and exploration of Energy production, utilization, management, and the effects on society, and the environment. This course will also compare and contrast current and future renewable and non renewable methods of energy generation, auditing, and conservation. Strongly Recommended: Eligibility for ENG 1A

Day 20956 TTh 9:30 -10:45 1871 HARPELL 08/19 12/20 OP V01

\*\*\*\*\*FIRE SERVICE TECHNOLOGY LPC

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FST 1 FIRE PROTECTION ORGANIZATION 3.0 Units

This course provides an overview to fire protection and emergency services, career opportunities in fire protection and related fields, culture and history of emergency services, fire loss analysis, organization and function of public and private fire protection services, fire departments as part of local government, laws and regulations affecting the fire service; fire service nomenclature, specific fire protection functions, basic fire chemistry and physics, introduction to fire protection systems, introduction to fire strategy and tactics, and life safety initiatives.

Eve 23507 Wed 4:30 - 7:20 2201 SIERRA 08/19 12/20 GR 093

FST 2 PRINCIPLES OF FIRE SAFETY 3.0 Units

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services; assessing fire dangers and handling common fire situations; risk abatement and personal preparation for unforeseen fire emergencies; roles and responsibilities in educating the public on fire safety; development of a survival attitude using problem-solving techniques for increased situational awareness and self-reliance in an emergency.

Day 23509 Tue 2:00 - 4:50 1056 SIERRA 08/19 12/20 GR V01

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FST 3 FIRE BEHAVIOR AND COMBUSTION 3.0 Units

Theory and fundamentals of why fires start, spread, and are controlled. An in-depth study of fire chemistry and fire physics, characteristics of materials, extinguishing agents, and fire control techniques.

Day 23510 Fri 10:30 - 1:20 801 ZOLFARELLI 08/19 12/20 GR V01

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FST 4 FIRE PREVENTION 3.0 Units

Provides fundamental knowledge relating to the field of fire prevention. Topics include history and philosophy of fire prevention and organization, organization and operation of a fire prevention bureau, use and applications fire codes and standards, plans review, fire inspections, identification and correction of fire hazards, fire and life safety education, and and fire investigation. Strongly Recommended: FST 1 with a minimum grade of C

Eve 23788 Wed 7:30 -10:20 801 Staff - LP08/19 12/20 GR 093

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FST 5 FIRE PROTECTION SYSTEMS 3.0 Units

This course provides information relating to the features of design, and operations of fire alarm systems, water-based suppression systems, special hazard fire suppression systems and water supply for fire protection, smoke and thermal detection systems. Installation, testing and maintenance of automatic or manual protection systems and water supply for sprinkler and standpipe systems and portable fire extinguishers.

Day 23511 Th 2:00 - 4:50 1056 SIERRA 08/19 12/20 GR V01

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FST 6 CONSTRUCTION FIRE PROTECTION 3.0 Units

This course provides the components of building construction related to fire and life safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at fire and collapse emergencies. Development and evolution of building and fire codes will be studied in their relationship to past fires and

collapses in residential, commercial, and industrial occupancies. Strongly Recommended: FST 1 with a minimum grade of C

Eve 23865 Mon 7:30 -10:20 1056 SIERRA 08/19 12/20 GR 093

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FST 20 CO 2A HUMAN RESOURCE MTG. 2.5 Units

This course provides information on the use of human resources to accomplish assignments, evaluating member performance, supervising personnel, and integrating health and safety plans, policies, and procedures into daily activities as well as the emergency scene. This is a required course for any Firefighter within State Fire Training and certification track who is seeking promotion to the rank of Company Officer. This course follows all applicable mandates and content as identified by the CSFM State Fire Training description. Prerequisite: FST 11 with a minimum grade of B and Completion of any Firefighter Academy by a recognized Fire Agency using the new Firefighter 2013 curriculum and letter from the Fire Chief attesting to this. Additionally, State Fire Training Firefighter 1 and Firefighter 2 certificates or equivalents as designated by State Fire Training. Instructors will collect a copy of these certificates the first day of classes in for students to remain in this course.

Day 23789 Daily 8:00 - 5:00 tba LACEY 09/09 09/13 OP V01

This class has a lab fee payable to SFT (State FIRE Training) \$65 Required: Must meet the educational requirements for Firefighter 1 and Firefighter 2 per California State Fire Training. Instructor will collect these certificates the first day of classes.

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FST 21 CO 2B GENERAL ADMIN. FUNCTIONS 1.5 Units

This course provides information on general administrative functions and the implementation of department policies and procedures and addresses conveying the fire department's role, image, and mission to the public. Prerequisite: FST 11 with a minimum grade of B and Completion of any Firefighter Academy by a recognized Fire Agency using the new Firefighter 2013 curriculum and letter from the Fire Chief attesting to this. Additionally, State Fire Training Firefighter 1 and Firefighter 2 certificates or equivalents as designated by State Fire Training. Instructors will collect a copy of these certificates the first day of classes in for students to remain in this course.

Day 23790 WThF 8:00 - 5:00 tba LACEY 10/02 10/04 OP V01

This class has a lab fee payable to SFT (State FIRE Training) \$65 Required: Must meet the educational requirements for Firefighter 1 and Firefighter 2 per

California State Fire Training. Instructor will collect these certificates the first day of classes.

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FST 22 CO 2C FIRE INSPECTIONS

2.5 Units

This course provides information on conducting inspections, identifying hazards and addressing violations, performing a fire investigation to determine preliminary cause and securing the incident scene and preserving evidence. This course is a requirement for aspiring Firefighters seeking promotion as a company officer. Prerequisite: FST 11 with a minimum grade of B and Completion of any Firefighter Academy by a recognized Fire Agency using the new Firefighter 2013 curriculum and letter from the Fire Chief attesting to this. Additionally, State Fire Training Firefighter 1 and Firefighter 2 certificates or equivalents as designated by State Fire Training. Instructors will collect a copy of these certificates the first day of classes in for students to remain in this course.

Day 23791 Daily 8:00 - 5:00 tba LACEY 11/04 11/08 OP V01

This class has a lab fee payable to SFT (State FIRE Training) \$65 Required: Must meet the educational requirements for Firefighter 1 and Firefighter 2 per California State Fire Training. Instructor will collect these certificates the first day of classes.

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FST FSC1 FIRE SERVICE CONDITIONING & PH

1.0 Units

This course is an introduction to the components of physical fitness development and conditioning, with an emphasis in preparing students for the physical agility performance and testing standards required of "Emergency First Responder" Candidates entering into Police of Fire Academies. Students will be presented instruction on proper warm-up and stretching techniques, how to maintain and develop the components of fitness through increased muscular strength and muscular endurance, cardiovascular endurance and recovery, and increased flexibility and balance. Students will be introduced to Circuit Training and will also receive skills instruction on various testing parameters of the Nationally approved and recognized Certified Physical Agility Test (CPAT). Students will additionally receive instruction on various Tools of the Trade (i.e., Ladders, Fire Hose, SCBA) for developing proper skills in handling, lifting and carrying techniques as well as developing cardio-respiratory control and aerobic conditioning while wearing a Self Contained Breathing Apparatus (SCBA) under conditions of physical exertion.

Day 23867 Lab Wed 11:00 - 2:00 tba KRAUSE 08/19 12/20 GR V01

Eve 22967 Lab Mon 4:00 - 7:00 801 KRAUSE 08/19 12/20 GR 093

\*\*\*\*\*FRENCH LPC

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FREN 1A BEGINNING FRENCH 5.0 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 English 1A.

Day 20193 MWF 11:00 -12:25 1052 ALLIBAND-MC08/19 12/20 OP V01

Eve 23229 Mon 6:30 - 9:20 1052 ALLIBAND-MC08/19 12/20 OP HY1

By Arr 2.0 Hrs/Wk ONLINE 08/19 12/20 OP

FREN 1A-HY1 is a hybrid course. Students will meet on campus Mondays 6:30â€“9:20pm in Room 1052. They will be required to complete the remainder of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

\*\*\*\*\*GEOGRAPHY

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GEOG 1 INTRO TO PHYSICAL GEOGRAPHY 3.0 Units

This course is a spatial study of the Earth's dynamic physical system and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, soil, and the biosphere with emphasis on spatial characteristics, change over time, interactions between environmental components, and human-environment interactions. Tools of geographic inquiry are also briefly covered; they include maps, remote sensing, Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

Day 20021 MW 9:30 -10:45 1011 ORF 08/19 12/20 GR V01

GEOGRAPHY 1 STUDENTS ARE STRONGLY ENCOURAGED TO ENROLL CONCURRENTLY IN GEOGRAPHY 1L.

Day 20458 TTh 2:00 - 3:15 1826 ALLRED 08/19 12/20 GR V02

Web 20690 By Arr 3.0 Hrs/Wk ONLINE ORF 08/19 12/20 GR DE1

GEOG 1-DE1 is an online course. For more information, see the section titled

"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22122 By Arr 3.0 Hrs/Wk ONLINE ORF 08/19 12/20 GR DE2

GEOG 1-DE2 is an online course. For more information, see the section titled

"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22691 By Arr 6.7 Hrs/Wk ONLINE ORF 10/14 12/13 GR FT2

GEOG 1-FT2 is a fast track online course. For more information, see the

section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

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GEOG 1L INTRO. PHYSICAL GEOGRAPHY LAB 1.0 Units

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)

Day 20641 Lab Mon 1:00 - 3:50 1828 LIRENSO 08/19 12/20 GR V02

Day 21779 Lab Fri 9:00 -11:50 1828 ALLRED 08/19 12/20 GR V03

Eve 20140 Lab Mon 7:00 - 9:50 1828 LIRENSO 08/19 12/20 GR 093

Geography Lab (Geography 1L) is a hands-on laboratory providing opportunities for reinforcing lecture concepts and for exploring additional Physical Geography topics through interactive technologies.

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GEOG 2 CULTURAL GEOGRAPHY 3.0 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 and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development.

Day 20329 TTh 11:00 -12:15 1826 ORF 08/19 12/20 GR V01

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GEOG 12 GEOGRAPHY OF CALIFORNIA 3.0 Units

A thematic approach to the state's issues, processes and topics relevant to

geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. This course explores the physical, and human landscapes that have evolved as a result of the human-environment interface.

Day 20437 TTh 12:30 - 1:45 1826 ORF 08/19 12/20 GR V01

\*\*\*\*\*GEOLOGY

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GEOL 1 PHYSICAL GEOLOGY 3.0 Units

The Earth, its materials, its internal and external processes, and its development through time. Emphasis is placed on a thorough global understanding of Plate Tectonics as a framework and foundation for subsequent geologic topics and concepts. Topics include volcanoes, earthquakes and seismology, the Geologic Time Scale and the formation of the earth, rocks and minerals, hydrology, erosion, beach systems, environmental geology, glaciation, groundwater, etc. Course content includes the difference between theory and fact and the historical development of key geologic concepts. This is the foundation course for almost all subsequent geology courses for both geology majors and non-majors. The Geology 1 lab may be taken concurrently with the lecture or during a later term. Enrollment in the lecture course does not automatically enroll the student in the lab course; students must enroll in the lab course separately.

Day 20389 MW 12:30 - 1:45 2420 HANNA 08/19 12/20 OP V01

The Geology lab (GEOL 1L) may be taken concurrently with the lecture (GEOL1) or during a later term. Enrollment in the lecture (GEOL 1) does not automatically enroll the student in the lab (GEOL 1L); students must enroll in the lab course separately.

Web 20390 By Arr 3.0 Hrs/Wk ONLINE HANNA 08/19 12/20 OP DE1

GEOL 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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GEOL 1L PHYSICAL GEOLOGY LABORATORY 1.0 Units

Laboratory course to supplement the physical geology lecture course. Introduction to the materials and techniques of geology. Includes minerals, rocks, topographic and geologic maps, structural geology, identification and interpretation of landforms, geologic time and relative age dating analysis, etc. Prerequisite: GEOL 1 or GEOL 5 or GEOL 7 with a minimum grade of C (May



be taken concurrently).

- Day 22926 Lab Mon 9:30 -12:20 1828 WASEM 08/19 12/20 OP V01  
The Geology Lab (GEOL 1L) may be taken concurrently with the lecture (GEOL 1) or during a later term. Enrollment in the lecture (GEOL 1) does not automatically enroll the student in the lab (GEOL 1L); students must enroll in the lab course separately.
- Day 20391 Lab Wed 9:30 -12:20 1828 CHRISTEN 08/19 12/20 OP V02  
The Geology Lab (GEOL 1L) may be taken concurrently with the lecture (GEOL 1) or during a later term. Enrollment in the lecture (GEOL 1) does not automatically enroll the student in the lab (GEOL 1L); students must enroll in the lab course separately.
- Day 20392 Lab Wed 2:00 - 4:50 1828 CHRISTEN 08/19 12/20 OP V03
- Eve 21507 Lab Wed 6:30 - 9:20 1828 MARTIN 08/19 12/20 OP 093

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GEOL 7 ENVI GEOL:RESC/USE IMPACT/POLL 3.0 Units

Understanding how and where Earth's environmental resources are created and located, and then studying how the resources are accessed and utilized. Topics include rock and mineral resources, energy resources (including fossil fuel and non-fossil fuel resources), water (including rivers, reservoirs, groundwater, etc.), waste disposal (including water and air pollution), global climate changes (including the greenhouse effect), etc.

- Web 23538 By Arr 6.7 Hrs/Wk ONLINE CHRISTEN 10/14 12/13 OP L01  
GEOL 7-L01 is a late start online course. For more information, see the section titled Online Learning in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>

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GEOL 12 INTRODUCTION TO OCEANOGRAPHY 3.0 Units

Introduction to the oceans, the history of oceanic science, instrumentation and exploration; marine geology including plate tectonics and shoreline processes; physical and chemical properties of sea water; causes and effects of currents, tides, and waves; introduction to the basic types of marine life, the basic marine habitats and ecosystems; distribution of marine resources and the Law of the Sea.

- Day 20086 TTh 12:30 - 1:45 1011 KOZUCH 08/19 12/20 OP V01
- Web 21508 By Arr 3.0 Hrs/Wk ONLINE HANNA 08/19 12/20 OP DE1  
GEOL 12-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

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**GEOL 12L INTRO TO OCEANOGRAPHY LAB 1.0 Units**

Laboratory course to supplement the oceanography lecture course. Introduction to the materials and techniques of oceanic science. Includes sea floor rocks, oceanic geography, bathymetric maps, seismic reflection, seawater physics and chemistry, beach sand, tides, waves, marine life and marine fossils, sea floor spreading rates, etc. Prerequisite: GEOL12 (may be taken concurrently).

Day 20579 Lab Tue 2:00 - 4:50 1828 MARTIN 08/19 12/20 OP V01  
The Geology Lab (GEOL 12L) may be taken concurrently during a later term. Enrollment in the lecture (GEOL 12) does not automatically enroll the student in the lab (GEOL 12L); students must enroll in the lab course separately.

\*\*\*\*\*GLOBAL STUDIES- LPC

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**GS 1 INTRODUCTION TO GLOBAL STUDIES 3.0 Units**

This course looks at the economic and political forces that have led to rapid changes in global interaction and culture over the past century, with special emphasis on the last twenty years. It explores the issues of nationalism, global citizenry, state violence, terrorism, the global economy, migration, the threatened environment, technology, and the role of multinational media industries on culture. Students who have completed, or are enrolled in, SOC 5 may not receive credit. Strongly Recommended: SOC 1 and ENG 1A with a minimum grade of C

Day 22987 TTh 11:00 -12:15 2205 THOMPSON 08/19 12/20 GR V01

\*\*\*\*\*GRAPHIC DESIGN & DIGITAL MEDIA

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**GDDM 4 USER INTERFACE AND EXP. DESIGN 3.0 Units**

In this course students are introduced to the fields of User Experience Design and Interface Design. Key topics and desktop interface design, information architecture, user research, as well as UX planning documents such as wireframes and personas. Students learn many of the principles, processes, and techniques used to develop effective user interfaces.

Eve 22883 Lab Mon 4:30 - 5:45 714 JAY 08/19 12/20 OP 093  
Mon 3:00 - 4:15 714 08/19 12/20 OP  
Lab Wed 3:00 - 5:50 714 08/19 12/20 OP

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**GDDM 40 DESIGN SHOP: BUSINESS DESIGN 3.0 Units**

The Design Shop business of the Visual Communications program creates work for clients on the Las Positas College campus. This course is designed for students who are ready to produce client-based work in print and/or for the web prior to seeking employment and/or applying for transfer to a 4-year institution. Students work one-on-one or in a team with the client while refining leadership skills and the full range of visual, oral and written techniques needed to produce industry standard client-based work. Students develop creative print and/or web solutions that meet the full scope of the client's needs and that are of a quality that demonstrates the individual or team's work at industry- standard level. Strongly Recommended: GDDM 52, GDDM 53, GDDM 54, GDDM 55, GDDM 56, GDDM 57 with a minimum grade of C

Day 22884 Mon 11:00 -12:15 714 KUO 08/19 12/20 OP V01  
Lab Mon 12:30 - 1:45 714 08/19 12/20 OP  
Lab Wed 11:00 - 1:50 714 08/19 12/20 OP

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**GDDM 50 GRAPHIC DESIGN/DIGITAL MEDIA 3.0 Units**

Introduction to Digital Art and Design Media and their use in the vocations of Graphic Design, Web and Device Design, Information Design, and Digital Art and Photography. An exploration of the methods of conceptual development of visual content and the language of design to direct the use of these digital tools at basic technical level to bring this content to completion in print or on screen.

Day 23289 Mon 11:00 -12:15 714 KUO 08/19 12/20 OP V01  
Lab Mon 12:30 - 1:45 714 08/19 12/20 OP  
Lab Wed 11:00 - 1:50 714 08/19 12/20 OP

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**GDDM 53 PHOTOSHOP I 3.0 Units**

Technical and skill development course using the most recent version of Adobe Photoshop at the introductory to create and manipulate digital images, photographs and illustrations. Emphasis on basic to lower-intermediate level

techniques and tools used to create image files suitable for print and screen. Design principles emphasized to create effective output through computer-based composition. Strongly Recommended: GDDM 50 and GDDM 51 with a minimum grade of C

Eve 22887 Mon 6:00 - 7:15 714 KUO 08/19 12/20 OP 093  
Lab Mon 7:30 - 8:45 714 08/19 12/20 OP  
Lab Wed 6:00 - 8:50 714 08/19 12/20 OP

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GDDM 54 ILLUSTRATOR I 3.0 Units

Technical and drawing skill development course using the latest version of Illustrator at the basic- to intermediate- level to render 2- and 3-D digital drawings and illustrations. Emphasis on basic- to intermediate-level techniques and tools used to create image files suitable for print and screen. Design principles emphasized to create effective output through computer-based composition. Strongly Recommended: GDDM 50 with a minimum grade of C

Day 22888 Tue 3:00 - 4:15 714 KUO 08/19 12/20 OP V01  
Lab Tue 4:30 - 5:45 714 08/19 12/20 OP  
Lab Th 3:00 - 5:50 714 08/19 12/20 OP

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GDDM 58 PHOTOSHOP II 3.0 Units

Technical and design skill development course using Photoshop to create and manipulate images, illustrations, text and animations. Emphasis on intermediate-through advanced-level techniques and tools used to create photo-realistic composites, special effects, custom brushes, and Photoshop rendered imagery for print and screen. Prerequisite: GDDM 53 with a minimum grade of C Strongly Recommended: GDDM 50

Eve 22889 Mon 6:00 - 7:15 714 KUO 08/19 12/20 OP 093  
Lab Mon 7:30 - 8:45 714 08/19 12/20 OP  
Lab Wed 6:00 - 8:50 714 08/19 12/20 OP

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GDDM 59 ILLUSTRATOR II 3.0 Units

Students in this course will use advanced features in Adobe Illustrator to create a number of illustrations with an emphasis on visual storytelling and development of personal style. Students will learn how to incorporate raster

images, apply filters, explore the color guide, and utilize the perspective tool for developing stylistic effects. Prerequisite: GDDM 54 with a minimum grade of C

Day 23871 Tue 3:00 - 4:15 714 KUO 08/19 12/20 OP V01  
Lab Tue 4:30 - 5:45 714 08/19 12/20 OP  
Lab Th 3:00 - 5:50 714 08/19 12/20 OP

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GDDM 64 INDESIGN I

3.0 Units

This introductory level course in page layout and design uses Adobe InDesign software. Students assemble a variety of pieces such as booklets, brochures, magazines, newspapers, newsletters, and other communication materials. Emphasis is on learning techniques used by graphics professionals to create full-color pieces Strongly Recommended: GDDM 50 and GDDM 52 with a minimum grade of C

Day 22891 Tue 12:00 - 1:15 714 KUO 08/19 12/20 OP V01  
Lab Tue 1:30 - 2:45 714 08/19 12/20 OP  
Lab Th 12:00 - 2:50 714 08/19 12/20 OP

\*\*\*\*\*HEALTH

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HLTH 1 INTRO TO PERSONAL HEALTH

3.0 Units

An exploration of major health issues and behaviors in the various dimensions of health (physical, emotional, intellectual/mental, social, spiritual, and environmental). Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include psychological health, mental health, stress management, nutrition, exercise, weight management, chronic and infectious diseases, healthy relationships, sexual health, drug use and misuse, aging, and the health care system.

Day 20296 MW 9:30 -10:45 1057 FAIX 08/19 12/20 OP V02  
Day 22321 MW 11:00 -12:15 1057 FAIX 08/19 12/20 OP V03  
Day 20773 TTh 11:00 -12:15 PE209 PEARSON 08/19 12/20 OP V04  
Day 20555 TTh 9:30 -10:45 PE212 OLSON 08/19 12/20 OP V05  
Web 20229 By Arr 3.0 Hrs/Wk ONLINE SAPSFORD 08/19 12/20 OP DE1

HLTH 1-DE1 is an online course. For more information, see the section title "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 20186 By Arr 3.0 Hrs/Wk ONLINE SAPSFORD 08/19 12/20 OP DE2  
HLTH 1-DE2 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

Web 20116 By Arr 3.0 Hrs/Wk ONLINE CUMBO 08/19 12/20 OP DE3  
HLTH 1-DE3 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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HLTH 3 WOMEN'S HEALTH 3.0 Units

Physiological, psychological, social, cultural, and political influences on women's health. Emphasis on diversity of women's experiences and the factors involved with both population level health outcomes and personal decision-making. Focus on empowerment for primary prevention.

Day 21512 TTh 12:30 - 1:45 PE209 OLSON 08/19 12/20 OP V01

\*\*\*\*\*HISTORY LPC

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HIST 1 WESTERN CIVILIZATION TO 1600 3.0 Units

Origin and development of civilization in the Mediterranean and its expansion into Europe - the Near East, Greece, Rome and the Middle Ages, Renaissance and the Reformation.

Eve 21245 Tue 4:00 - 6:50 2420 RUTKOWSKY 08/19 12/20 OP 093

Web 20406 By Arr 3.0 Hrs/Wk ONLINE GILL 08/19 12/20 OP DE1  
HIST 1-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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HIST 2 WESTERN CIVILIZATION SINCE 1600 3.0 Units

History of the Modern Western World: Romanticism and the Industrial Revolution to the present.

Day 20576 MW 12:30 - 1:45 1011 PRATER 08/19 12/20 OP V01

Day 20348 TTh 11:00 -12:15 801 RUTKOWSKY 08/19 12/20 OP V02

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**HIST 7 US HIST.THROUGH RECONSTRUCTION****3.0 Units**

A survey of United States history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the interaction amongst and the experiences of diverse racial, ethnic and socioeconomic groups in American History, and (3) the evolution of American institutions and ideals including the U.S. Constitution, the operations of the U.S. government, and the rights and obligations of U.S. citizens under the Constitution.

Day 20028 MW 8:00 - 9:15 2205 PRATER 08/19 12/20 OP V01  
Day 20645 MW 12:30 - 1:45 104 VITALE 08/19 12/20 OP V02  
Day 20553 MW 11:00 -12:15 1011 EDEN 08/19 12/20 OP V03  
Day 20029 MW 2:00 - 3:15 105 EDEN 08/19 12/20 OP V04  
Day 20430 TTh 9:30 -10:45 2420 ROSEN 08/19 12/20 OP V05  
Day 20611 TTh 11:00 -12:15 1056 TUELL 08/19 12/20 OP V06  
Day 20027 TTh 2:00 - 3:15 2480 ROSEN 08/19 12/20 OP V07

Eve 20429 Tue 4:00 - 6:50 104 STEINBERG 08/19 12/20 OP 093  
Eve 21780 Wed 7:00 - 9:50 4213 EDEN 08/19 12/20 OP 094  
Eve 20577 Th 7:00 - 9:50 1641 HIGDON 08/19 12/20 OP 095

Web 20188 By Arr 3.0 Hrs/Wk ONLINE GILL 08/19 12/20 OP DE1  
HIST 7-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 20587 By Arr 3.0 Hrs/Wk ONLINE GOUVEIA 08/19 12/20 OP DE2  
HIST 7-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 22927 By Arr 3.0 Hrs/Wk ONLINE GOUVEIA 08/19 12/20 OP DE3  
HIST 7-DE3 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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**HIST 8 US HISTORY POST-RECONSTRUCT****3.0 Units**

History of the United States from the post-Civil War period to the present. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the framework of California state and local government, and the relationship between state/local government and the federal government.

Day 20356 MW 8:00 - 9:15 2480 WEMEIER 08/19 12/20 GR V01  
 Day 20575 MW 9:30 -10:45 2480 ROSEN 08/19 12/20 GR V02  
 Day 20167 MW 11:00 -12:15 801 PRATER 08/19 12/20 GR V03  
 Day 20420 TTh 9:30 -10:45 2480 BENGIVENO 08/19 12/20 GR V04  
 Day 20031 TTh 11:00 -12:15 103 ROSEN 08/19 12/20 GR V05  
 Day 20554 TTh 12:30 - 1:45 2420 TUELL 08/19 12/20 GR V06  
 Day 21246 MW 2:30 - 3:45 104 HIGDON 08/19 12/20 GR V07

Eve 20578 Tue 7:00 - 9:50 2420 RUTKOWSKY 08/19 12/20 GR 093  
 Web 20030 By Arr 3.0 Hrs/Wk ONLINE BENGIVENO 08/19 12/20 GR DE1  
 HIST 8-DE1 is an online course. For more information, see the section titled  
 "Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>  
 Web 20588 By Arr 3.0 Hrs/Wk ONLINE BENGIVENO 08/19 12/20 GR DE2  
 HIST 8-DE2 is an online course. For more information, see the section titled  
 "Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>  
 Web 22928 By Arr 3.0 Hrs/Wk ONLINE BENGIVENO 08/19 12/20 GR DE3  
 HIST 8-DE3 is an online course. For more information, see the section titled  
 "Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

HIST 14 AMERICAN CULTURES OF CALI. 3.0 Units

The history of California from its pre-contact societies to the present, with particular attention to the following periods: Spanish exploration and colonization; the Mexican Revolution; American conquest and the Gold Rush; the Progressive Era; the Great Depression and World War II; and the social movements of the 1960's. In addition to exploring the major political, economic, technological, social, cultural, and environmental developments that have shaped California's history, this course will focus on the distinct and overlapping experiences of the state's Native American, Latino American, African American, Asian American, and European American populations.

Day 20213 MW 12:30 - 1:45 2480 HIGDON 08/19 12/20 GR V01

HIST 25 AMERICAN INDIAN HISTORY 3.0 Units

Historical survey of American Indians in the United States from earliest times to the present day. Emphasis on Indian societies and cultures, Indian relations with predominant cultures, Indian movement for self-preservation and



historical background necessary to understand contemporary problems of the Indians. Emphasis on the Indians of California and the West.

Day 20436 MW 2:00 - 3:15 2490 WEMEIER 08/19 12/20 GR V01

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HIST 28 HISTORY OF AMERICAN WEST 3.0 Units

A history of the trans-Mississippi West of the United States. Emphasis will be placed on Native American history and cultures, European and Anglo-American frontiers, expansion of the United States in the 19th century, and the interaction of Native American, European American, Asian American, African American and Hispanic American peoples, and the significance of the West in American history.

Day 20174 MW 11:00 -12:15 2490 ROSEN 08/19 12/20 GR V01

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HIST 32 U.S. WOMENS HISTORY 3.0 Units

A survey of United States women's history from its indigenous origins through the present. This course emphasizes the interaction and experiences of diverse racial/ethnic groups that include at least three of the following groups: African-Americans, Chicana/Latina Americans, Asian Americans, European Americans, and Native Americans. Special areas of focus include women's role in the political, economic, social, and geographic development of the United States.

Day 20442 TTh 12:30 - 1:45 2480 BENGIVENO 08/19 12/20 GR V01

Eve 20358 Wed 4:00 - 6:50 2480 VITALE 08/19 12/20 GR 093

\*\*\*\*\*HORTICULTURE

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HORT 50 INTRODUCTION TO HORTICULTURE 3.0 Units

Botanical nomenclature, anatomy and physiology, plant growth, and development are presented. Various micro-climates, landscape planning and development, media, fertilizer, and watering methods are discussed. Design and development of a home landscape plan is included. Current research of plant propagation, plant disorders and pest management will be explored. (8 hours of lab to be scheduled on Saturdays which may include one or more field trips).

Eve 21570 Wed 6:00 - 8:20 1814 ANGERS 08/19 12/20 OP 093

Lab Wed 8:30 - 9:50 1814 08/19 12/20 OP

HORT 50-V01 has two Saturdays meetings from 10am-2pm in HORT YARD on: Sep. 21 and Oct.19.

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HORT 53 LANDSCAPE/VINEYARD PEST MGT. 3.0 Units

Concepts of plant pathology, entomology, and weed science are studied in order to identify symptoms, diagnose problems, and determine methods of controlling plant diseases, insects, and weed pests. Methods and techniques of integrated pest management, chemical and non-chemical control related to garden, landscape, and other horticulture crops and plants are studied. Disease and pest control materials are assessed with emphasis on safe handling and application, and environmental protection. Focus is on preparation for State Qualified Applicators.

Eve 23296 Mon 6:00 - 8:20 1859 FULLER 08/19 12/20 GR 093

Lab Mon 8:30 - 9:45 1859 08/19 12/20 GR

HORT 53 will have two TBD Saturday lab classes.

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HORT 58 LANDSCAPE CONSTRUCTION 3.0 Units

Design, engineering, construction techniques, and installation methods for landscape site development. Cost estimating, bidding, construction materials, methods, equipment, tools, and safety for landscape plan implementation. Contracts, specifications, and legal aspects regarding landscape installation and site development.

Eve 23297 Tue 6:00 - 8:20 802 FULLER 08/19 12/20 OP 093

Lab Tue 8:30 - 9:20 802 08/19 12/20 OP

\*\*\*\*\*HUMANITIES

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HUMN 3 INTRODUCTION TO HUMANITIES 3.0 Units

Dramatic literature, the theater including filmic art, an introduction to the experience and appreciation of works of musical and visual art and lyric poetry.

Day 20117 MW 12:30 - 1:45 2460 CHIOLIS 08/19 12/20 OP V01  
Day 22124 TTh 3:30 - 4:45 1011 WING BROOKS08/19 12/20 OP V02

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HUMN 4 GLOBAL CINEMAS 4.0 Units

Global cinema traditions analyzed through historical, political, cultural, commercial, and artistic perspectives. Screenings and interpretation of representative films from a variety of national and cultural film traditions from around the world, including films from Latin American, U.S., Asian, European, African, and Middle Eastern contexts.

Day 22719 Tue 12:30 - 3:20 1051 WING BROOKS08/19 12/20 GR V01  
Lab Th 12:30 - 3:20 1051 08/19 12/20 GR

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HUMN 7 CONTEMPORARY HUMANITIES 3.0 Units

Visual, literary, and musical works of art that reflect the issues and concepts of the twentieth and twenty-first centuries. A perspective through exploration of chosen works.

Day 20446 MW 11:00 -12:15 2460 WING BROOKS08/19 12/20 OP V01

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HUMN 10 AMERICAN ARTS AND IDEAS 3.0 Units

Humanities in the United States. Explored through major works of literature, painting, sculpture, architecture, film, music, philosophy, technology, religion, political and social institutions that reflect the values and meanings of the American cultural experience. Particular attention paid to the experience and contributions of various culture groups (African Americans, Asian-Americans, European-Americans, American Indians, and Latino Americans).

Web 20176 By Arr 3.0 Hrs/Wk ONLINE CHIOLIS 08/19 12/20 OP DE1  
HUMN 10-DE1 is an online course. For more information, see the section titled "Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>

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HUMN 28 WORLD MYTHOLOGY 3.0 Units

Introduction to world mythology, including classical mythology, and the mythic themes recurring in literature, the visual arts, and music. Introduction to

the major theories used to evaluate mythology. Exploration of myths about creation, destruction, gods, humans, heroes, tricksters, as well as their origins, variation, historical development, and full expression in ancient times and continued presence in the arts.

Day 20175 MW 9:30 -10:45 2420 WING BROOKS08/19 12/20 OP V01  
Web 22478 By Arr 3.0 Hrs/Wk ONLINE WING BROOKS08/19 12/20 OP DE1  
HUMN 28-DE1 is an online course. For more information, see the section titled  
"Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>

\*\*\*\*\*INTERIOR DESIGN LPC

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INTD 5 PRINCIPLES OF INTERIOR DESIGN 3.0 Units

Elements and principles of design as they apply to interior design. Emphasis on the use of color and texture in the selection of home furnishings.

Eve 22985 Wed 5:30 - 7:20 802 HORNBECK 08/19 12/20 OP 093  
Lab Wed 7:30 -10:20 802 08/19 12/20 OP

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INTD 10 INTRODUCTION TO TEXTILES 3.0 Units

The textile industry and its effects on the apparel and home furnishings markets. Fiber identification, yarn and fabric construction, and decoration. Emphasis on consumer information, fabric performance, care and labeling, and legal responsibilities of the industry.

Eve 23245 Th 6:00 - 8:50 802 Staff - LP08/19 12/20 OP 093

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INTD 35 RESIDENTIAL SPACE PLANNING 3.0 Units

Basic techniques in planning space for interiors. Private and group living spaces, support systems, functional planning of interior space, and color in space planning.

Eve 23244 Mon 5:30 - 7:20 802 HORNBECK 08/19 12/20 OP 093  
Lab Mon 7:30 -10:20 802 08/19 12/20 OP

\*\*\*\*\*KINESIOLOGY LPC

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KIN 5 SPORTS MANAGEMENT

3.0 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.

Day 22189 TTh 9:30 -10:45 PE209 SAPSFORD 08/19 12/20 GR V01

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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.

Day 23300 Lab Th 11:00 -12:15 PE212 CUMBO 08/19 12/20 OP HD1  
By Arr 3.0 Hrs/Wk ONLINE 08/19 12/20 OP

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KIN 14 RESPONDING TO EMERGENCIES

3.0 Units

This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements.

Day 23301 MW 12:30 - 1:45 PE209 CRAIGHEAD 08/19 12/20 GR V01

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KIN 17 INTRO ATHLETIC TRNG/SPORTS MED

4.0 Units

Basic taping skills, introduction to modality usage, and basic rehabilitation principles of athletic training. Designed to be preparatory for further education and a career in Athletic Training and or other Sports Medicine related fields. May include work with intercollegiate sports programs. Legal and ethical issues, professionalism, organization and administration of a

sports medicine facility. This course is focused on preparing those interested in becoming Athletic Trainers and Coaches.

Day 20971 By Arr 3.0 Hrs/Wk ONLINE LE CARA 08/19 12/20 GR HY1  
Lab TTh 9:30 -10:45 PE209 08/19 12/20 GR  
KIN 17 has a \$35 material fee.

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KIN 30 INTRODUCTION TO KINESIOLOGY 3.0 Units

This class is designed to introduce the student to Kinesiology - the science of human movement (and of humans moving). Concepts in the various subfields of Kinesiology are examined and career opportunities in the field of Kinesiology are explored. Due to the interdisciplinary nature of Kinesiology, the field will be covered from a humanities, social science, and life science perspective.

Day 20972 MW 9:30 -10:45 801 CRAIGHEAD 08/19 12/20 OP V01

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KIN 31A PRE-SEASON INTERCOL BASKETBALL 1.0 Units

This course is designed to provide the student with 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.

Day 21252 MTWTh 3:00 - 4:50 PE101 GIACOMAZZI 08/19 09/30 GR V01

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KIN 31B FALL INTERCOLLEG BASKETBL MEN 1.5 Units

Basketball training for intercollegiate competition. Daily practice for advanced skill development will occur. Fall semester.

Day 21577 Daily 3:00 - 4:50 PE101 GIACOMAZZI 10/01 12/20 GR LS1  
Students athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116) In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment

with a counselor as early as possible.

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KIN 38B INTERCOLLEGIATE MEN'S SOCCER 3.0 Units

Training for intercollegiate competition at collegiate level. Practice will take place which will include training students to perform at the college 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

Day 22477 Daily 1:00 - 2:50 SYNTH CUMBO 08/19 12/20 GR V01  
Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116). In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

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KIN 40B INTERCOLL. WOMEN'S VOLLEYBALL 3.0 Units

Intercollegiate competition in the sport of women's volleyball. Strongly Recommended: KIN 40A with a minimum grade of C and/ or Ability to demonstrate the following skills: bump, set, spike, serve.

Eve 22738 Daily 5:00 - 6:50 PE101 BYRD 08/19 12/20 GR 093

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KIN 41A PRE-CONDITION.INT.BSKTBL-WOMEN 1.0 Units

PRE-SEASON CONDITIONING FOR INTERCOLLEGIATE BASKETBALL (WOMEN) 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 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.

Day 21578 MTWTh 1:00 - 2:50 PE101 MORGAN 08/19 09/30 GR V01

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KIN 41B INTERCOLLEGIATE BSKTBLL-WOMEN 1.5 Units

Training for intercollegiate competition. Daily practice. Fall Semester

Day 21238 Daily 1:00 - 2:50 PE101 MORGAN 10/01 12/20 GR LE1  
Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116) In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

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KIN 48B INTERCOLLEGIATE: WOMENS SOCCER 3.0 Units

Instruction and intercollegiate competition is offered in this sport to those students who are selected, based on tryouts, prior to the start of the sport season. Strongly Recommended: KIN 48A with a minimum grade of C

Day 22737 Daily 3:00 - 4:50 SYNTH CUMBO 08/19 12/20 GR V01

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KIN 51 PRE-SEASON TRAINING SWIM&DIVE 1.0 Units

This course is designed to give student-athletes participating in intercollegiate swimming and diving the opportunity to enhance fitness levels and skills prior to competition season. Course content will include technique, aerobic conditioning, race specific training, and dryland/weight training. Strongly Recommended: KIN SW3

Day 21595 MTTh 2:15 - 3:05 POOL1 CRAIGHEAD 08/19 12/20 OP V01

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KIN 60 INTERCOLLEG. WATER POLO- MEN'S 3.0 Units

This course is for Intercollegiate Men's Water Polo competition conducted through the NCAA and CCCAA. Defensive and offensive strategies, swimming mechanics, and water polo ball skills appropriate to intercollegiate athletic competition will be expected of the participants. This course may be taken four times for credit. Strongly Recommended: KIN SW3 and KIN WP1 with a



minimum grade of C

Day 21938 Daily 7:30 - 9:20 POOL1 CRAIGHEAD 08/19 12/20 GR V01  
Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116) In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

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KIN 65 INTERCOLL. WATER POLO- WOMEN'S 3.0 Units

This course is for Intercollegiate Women's Water Polo competition conducted through the NCAA and CCCAA. Defensive and offensive strategies, swimming mechanics, and water polo ball skills appropriate to intercollegiate athletic competition will be expected of the participants. This course may be taken four times for credit. Strongly Recommended: KIN SW3 and KIN WP1 with a minimum grade of C

Day 21939 Daily 12:30 - 2:30 POOL2 ROSE 08/19 12/20 GR V01  
Student athletes must complete an athletic physical exam by a licensed physician prior to participation in this class. (Physical form located in PE 116) In order for a student athlete to be eligible to compete in intercollegiate athletics a student athlete will need to have a comprehensive Student Educational Plan (SEP) on file by OCT 15th. Please make an appointment with a counselor as early as possible.

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KIN BD1 BADMINTON 1 1.0 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.

Day 21579 MW 9:30 -10:45 PE101 SAPSFORD 08/19 12/20 GR V01

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KIN BD2 BADMINTON 2 1.0 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

Day 21580 MW 9:30 -10:45 PE101 SAPSFORD 08/19 12/20 GR V01

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KIN BD3 BADMINTON 3 1.0 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

Day 22467 MW 9:30 -10:45 PE101 SAPSFORD 08/19 12/20 GR V01

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KIN BK1 BASKETBALL 1 1.0 Units

This multi-level course is designed to provide the student with an opportunity to development the basic skills and understanding of basketball. 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.

Day 23028 MW 11:00 -12:15 PE101 GIACOMAZZI 08/19 12/20 OP V01

Day 23029 TTh 11:00 -12:15 PE101 GIACOMAZZI 08/19 12/20 OP V02

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KIN BK2 BASKETBALL 2 1.0 Units

This course is designed to provide the student with an opportunity to develop the skills and understanding of passing, shooting, defensive and offensive strategies will be presented and practiced. Team play and sportsmanship are important priorities that are emphasized in this class. Strongly Recommended: KIN BK1 with a minimum grade of C

Day 23030 MW 11:00 -12:15 PE101 GIACOMAZZI 08/19 12/20 OP V01

Day 23031 TTh 11:00 -12:15 PE101 GIACOMAZZI 08/19 12/20 OP V02

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KIN BL1 BOWLING 1 1.0 Units

This course is designed to give the student the opportunity to learn the basic skills, terminology, and etiquette of bowling and be able to participate in a league type bowling program using off-campus bowling centers.

Day 22998 Fri 9:00 -11:50 tba GIACOMAZZI 08/19 12/20 OP V01  
Meets at the Granada Bowling Alley (1620 Railroad, Livermore, CA). Students enrolled in Bowling will be assessed an additional \$10 each week to Granada Bowl for the use of bowling shoes, bowling balls and the bowling lanes.

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KIN CYCL1 CYCLING CONDITIONING 1 1.0 Units

This course is an introduction to Physical Fitness through indoor cycling. The cycling program is an individually paced, noncompetitive, group training program designed for all riders and all fitness levels. Cycling is an exercise performed on a stationary bicycle and is performed to music. The course is open to anyone who is interested in developing muscular endurance, improved cardio-respiratory endurance and body composition.

Day 22190 MW 11:00 -12:15 PE143 CUMBO 08/19 12/20 OP V01

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KIN CYCL2 CYCLING 2 1.0 Units

This course is the second in a series of Indoor Cycling courses. Emphasis is based on beginning to intermediate cycling techniques, heart rate calculations, fitness evaluations, and cardiovascular training and program design. Beginning level principles of physiology are explored including how to train to elicit a desired physiological response. Utilizing a variety of equipment student will develop core endurance and strength. This class is designed for students interested in aerobic fitness improvement through indoor cycling as well as Kinesiology majors.

Day 22977 MW 11:00 -12:15 PE143 CUMBO 08/19 12/20 OP V01

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KIN DV1 SPRINGBOARD DIVING 1.0 Units

This course is designed to give students an introduction into the sport of Springboard Diving. Instruction will include 1 meter and 3 meter springboards, and the 5 types of dives (forward, backward, reverse, inward, twisting).  
Strongly Recommended: KIN SW1 with a minimum grade of C

Day 21596 TTh 2:15 - 3:30 POOL2 CRAIGHEAD 08/19 12/20 OP V01

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KIN FL1 FLAG FOOTBALL 1

1.0 Units

This is an introductory course designed to give the student an opportunity to review and practice the basic fundamental skills relative to the game of flag football.

Day 21782 TTh 12:30 - 1:45 SYNTH CRAIGHEAD 08/19 12/20 OP V01

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KIN FL2 FLAG FOOTBALL 2

1.0 Units

This is an intermediate course designed to teach students the principles of short-field flag football. Instruction will include: rules, regulations, and concepts of play for 4-on-4 and 5-on-5 flag football. Strongly Recommended: KIN FL1 with a minimum grade of C

Day 22191 TTh 12:30 - 1:45 SYNTH CRAIGHEAD 08/19 12/20 OP V01

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KIN FL3 FLAG FOOTBALL 3

1.0 Units

This course is a continuation course for Flag Football 2. Review of the rules and regulations will be included. This level course will provide instruction on more complex offensive tactics, defensive strategies and concepts of play for 7 on 7 and 8 on 8 flag football. Students will receive instruction on the the principles of long-field flag football. Strongly Recommended: KIN FL1 and KIN FL2 with a minimum grade of C

Day 21980 TTh 12:30 - 1:45 SYNTH CRAIGHEAD 08/19 12/20 OP V01

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KIN FW1 FITNESS WALKING 1

1.0 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.

Day 21581 TTh 11:00 -12:15 TRACK KARTER 08/19 12/20 OP V02

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KIN FW2 FITNESS WALKING 2

1.0 Units

This course is a continuation course to the Jog/Walk class (KIN JW). The proper technique and fundamental principles of training for this activity will be reviewed. Basic exercise physiology will be discussed. The student will be given training regimens to increase their pace, speed, distance and endurance for middle distances i.e.) 5K - 10K. Nutritional requirements and dietary advice will be presented. Training logs will be used to document performance. Pre and post walk/jog assessments will be done to establish a baseline of conditioning and reflect increases in performance. Prerequisite: KIN JW with a minimum grade of C

Day 21931 TTh 11:00 -12:15 TRACK KARTER 08/19 12/20 OP V02

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KIN GBW GUTS AND BUTTS WORKOUT

1.0 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.

Day 21783 MW 11:00 -12:15 PE102 SAPSFORD 08/19 12/20 OP V01

Day 23303 TTh 12:30 - 1:45 PE143 CUMBO 08/19 12/20 OP V02

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KIN GF1 GOLF 1

1.0 Units

This is an introductory course to the sport of golf. The course will include the rules, regulations and etiquette of golf, the fundamental swing skills for the long and short game and appropriate club selection. Beg-Intermediate and Intermediate players can benefit from the basic instruction to improve their skill set through the art of practice on the range. The course will be offered at a local golf range and student will be charged a minimal fee for bucket of balls to be used.

Day 22202 TTh 11:00 -12:15 tba SAPSFORD 08/19 12/20 OP V01

Meets at the Tri-Valley Golf Center (1780 Friesman Road, Livermore, CA). Students enrolled in Golf will be assessed an additional \$50, \$100, or \$200 bucket of ball choices, payable to the facility, at the first class meeting.

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KIN GF2 GOLF 2

1.0 Units

For students who possess the rudimentary skills of golf and aim to improve those abilities. Students will hone their putting, short game, mid-long iron play and driving capabilities. The course is offered at a local driving range who will charge a minimal fee for practice balls.

Day 22215 TTh 11:00 -12:15 tba SAPSFORD 08/19 12/20 OP V01  
Meets at the Tri-Valley Golf Center (1780 Friesman Road, Livermore, CA).  
Students enrolled in Golf will be assessed an additional \$50, \$100, or \$200 bucket of ball choices, payable to the facility, at the first class meeting.

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KIN GF3 GOLF 3

1.0 Units

Advanced technical aspects of golf match play will be included. Additionally, psychological skills for the elite golfer will be incorporated including visualization, pre-shot routines, relaxation methods and self-talk strategies.

Day 22468 TTh 11:00 -12:15 tba SAPSFORD 08/19 12/20 OP V01  
Meets at the Tri-Valley Golf Center (1780 Friesman Road, Livermore, CA).  
Students enrolled in Golf will be assessed an additional \$50, \$100, or \$200 bucket of ball choices, payable to the facility, at the first class meeting.

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KIN PF PERSONAL FITNESS

1.0 Units

An independent, self paced, personal activity program planned and implemented in conjunction with student goals. Based on goals and results of a fitness assessment and health risk appraisal, an individualized program is developed through personal counseling. Programs can include a physical assessment profile, a health risk appraisal, an individualized exercise/activity program, nutrition counseling, health/wellness education, and behavior modification. The student is required to meet with the instructor on campus at the beginning and end of the semester. This is a hybrid class in which the students are assessed and there is a lecture component in the beginning of the class. At the end of the term the students will be reassessed and there will be individual instruction, handouts and another face-to-face lecture.

Web 21232 By Arr 2.0 Hrs/Wk ONLINE SAPSFORD 08/19 12/20 OP HD1  
KIN-PF-HD1 is a hybrid course. All meetings will be online, EXCEPT on the following dates when students will meet on campus in Room PE 104 for a pre-assessment and orientation; either Thursday, Aug. 16th 6pm-7pm or Friday, Aug. 17th 6pm. from 6-7pm. Post-fitness assessment will be held on campus Tuesday, Dec. 19 from 6-7pm in Room PE 104. Students must log into Blackboard

on Wednesday August 16 for directions and to check in with the instructor online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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KIN PL1 PILATES 1 1.0 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.

Day 21582 MW 12:30 - 1:45 PE213 CUMBO 08/19 12/20 OP V01

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KIN PL2 PILATES 2 1.0 Units

This Kinesiology course is continued study of the Pilates Method. The student will learn the principle of neutral spine, how to use Pilates props to provide variation and increased difficulty, and create level 2 exercise routines to enhance overall fitness. The concept of "complete coordination of the body, mind and spirit" will be experienced. Strongly recommended: KIN PL1 with a minimum grade of C

Day 21932 MW 12:30 - 1:45 PE213 CUMBO 08/19 12/20 OP V01

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KIN SI1 SOCCER - INDOOR 1 1.0 Units

Students will practice the skills of kicking, passing, trapping and heading necessary for controlled indoor soccer play. Students will discuss and employ basic offensive and defensive strategies and tactics; and put into practice the rules governing soccer.

Day 23535 TTh 9:30 -10:45 PE101 CUMBO 08/19 12/20 OP V01

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KIN SI2 SOCCER - INDOOR 2 1.0 Units

A second semester course for outdoor soccer. This course will focus on the defensive and offensive tactics of the sport. Students will use the skills covered in Indoor Soccer 1 (SI1) while participating in both small sided and

full sided play. Strongly Recommended: KIN SI1 with a minimum grade of C

Day 23536 TTh 9:30 -10:45 PE101 CUMBO 08/19 12/20 OP V01

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KIN SW1 SWIMMING 1 1.0 Units

An introductory course designed to teach basic swimming skills and is designed for non-swimmers who cannot complete one length of the pool (25 yards). Emphasis will be on the physical and psychological adjustment to the water as well as basic swimming stroke technique. Students will also learn aquatics safety methods.

Day 21784 TTh 11:00 -12:15 POOL1 CRAIGHEAD 08/19 12/20 OP V01

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KIN SW2 SWIMMING 2 1.0 Units

This is a beginning level course designed to teach fundamental swimming skills. Emphasis will be on developing basic swimming techniques for the freestyle and backstroke, and include an introduction to breaststroke, butterfly, and sidestroke. Students will also learn aquatic safety methods. Strongly recommended: KIN SW1 with a minimum grade of C

Day 21785 TTh 11:00 -12:15 POOL1 CRAIGHEAD 08/19 12/20 OP V01

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KIN SW3 SWIMMING 3 1.0 Units

This is an Intermediate Swimming course. Instruction includes refining the competitive strokes (freestyle, backstroke, butterfly, breaststroke), the introduction of the individual medley, and competitive turns for each stroke. Strongly recommended: KIN SW2 (completed with a grade of "C" or better).

Day 22469 TTh 11:00 -12:15 POOL1 CRAIGHEAD 08/19 12/20 OP V01

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KIN SWF1 SWIMMING FOR FITNESS 1 1.0 Units

This course is designed to introduce students to conditioning for swimming. This is a broad level course that will utilize a variety of strokes to increase cardiovascular fitness, as well as introduce the students to different training



methodologies. Strongly recommended: KIN SW2.

Day 22195 MW 11:00 -12:15 POOL1 PEARSON 08/19 12/20 OP V01

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KIN SWF2 SWIMMING FOR FITNESS 2 1.0 Units

This is an intermediate level swim fitness course with an emphasis in sprint training. This course will teach the student about the different aspects of sprint training as they relate to different distances (50 and 100 yards/meters). Instruction will also include sprint training for each of the competitive strokes (backstroke, breaststroke, and butterfly). Strongly Recommended: KIN SWF1, KIN SW3

Day 22196 MW 11:00 -12:15 POOL1 PEARSON 08/19 12/20 OP V01

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KIN SWF3 SWIMMING FOR FITNESS 3 1.0 Units

This is an intermediate level swim fitness course with an emphasis in middle distance training. This course will teach the student about the different aspects of middle distance training for freestyle as they relate to specific race distances: 200, 400, and 500. Instruction will also focus on the 200 & 400 Individual Medley and the 200's of the strokes (backstroke, breaststroke, and butterfly). Strongly Recommended: KIN SWF1 and KIN SW3

Day 22197 MW 11:00 -12:15 POOL1 PEARSON 08/19 12/20 OP V01

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KIN SWF4 SWIMMING FOR FITNESS 4 1.0 Units

This is an intermediate level swim fitness course with an emphasis in distance training. This course will teach the student about the different aspects of distance training for freestyle as they relate to specific race distances: 800/1500 meters and 1000/1650 yards. Instruction will also include an introduction to open water swimming techniques and strategies. Strongly Recommended: KIN SWF1 and KIN SW3

Day 22470 MW 11:00 -12:15 POOL1 PEARSON 08/19 12/20 OP V01

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KIN TK1 TAEKWONDO 1 1.0 Units

A beginning level self-defense course designed to teach fundamental techniques of Taekwondo. Developing basic techniques in kicking, punching and sparring, the course will introduce concepts of fitness and cardio-respiratory conditioning achieved through participating in Taekwondo. This course is structured as a martial arts class.

Day 21786 MW 11:00 -12:15 PE213 YOON 08/19 12/20 OP V01

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KIN TK2 TAE KWON DO 2 1.0 Units

This martial arts course is structured as a continuation from Level 1 Taekwondo. The intermediate techniques of kicking, punching and sparring will reinforce concepts of fitness and cardio-respiratory conditioning achieved through participating in Taekwondo. Students will learn intermediate self-defense techniques from Taekwondo skills. Attending and observing local tournaments will be assigned as an off campus activity. Strongly Recommended: KIN TK1 with a minimum grade of C

Day 21583 MW 11:00 -12:15 PE213 YOON 08/19 12/20 OP V01

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KIN TK3 TAE KWON DO 3 1.0 Units

This martial arts course is structured as a continuation from Level 2 Taekwondo. The advanced techniques of blocks, kicks and stances will reinforce concepts of fitness, cardio-respiratory conditioning, strength and balance achieved through participating in Taekwondo. Students will learn advanced self-defense techniques and advanced required forms in Accordance with World Taekwondo Federation Regulations. Attending and observing local tournaments will be assigned as an off campus activity. Strongly Recommended: KIN TK2 with a minimum grade of C

Day 22471 MW 11:00 -12:15 PE213 YOON 08/19 12/20 OP V01

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KIN VB1 VOLLEYBALL BEGINNING 1.0 Units

Provides instruction on the individual and team skills and strategies of volleyball.

Day 21787 TTh 8:00 - 9:15 PE101 KARTER 08/19 12/20 OP V01

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KIN VB2 VOLLEYBALL INTERMEDIATE

1.0 Units

This is a course designed and developed for the intermediate level volleyball player. It is a continuation of beginning volleyball with an emphasis in executing the fundamental skills and techniques of power volleyball at a higher level. This course differs from beginning volleyball in that set patterns and systems of offense and defense are used in a team strategy. BEFORE ENROLLING student should have proficiency in the skills of passing and setting. Strongly Recommended: KIN VB1 with a minimum grade of C

Day 21597 TTh 8:00 - 9:15 PE101 KARTER 08/19 12/20 OP V01

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KIN VB3 VOLLEYBALL ADVANCED

1.0 Units

Advanced techniques of volleyball with emphasis on competitive play. Strongly Recommended: KIN VB2 with a minimum grade of C

Day 22472 TTh 8:00 - 9:15 PE101 KARTER 08/19 12/20 OP V01

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KIN WT1 WEIGHT TRAINING 1

1.0 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.

Day 21788 MW 9:30 -10:45 PE202 GIACOMAZZI 08/19 12/20 OP V01

Day 21789 TTh 9:30 -10:45 PE202 GIACOMAZZI 08/19 12/20 OP V03

Day 21790 TTh 12:30 - 1:45 PE202 WHITTENBURG 08/19 12/20 OP V04

Day 21981 MW 12:30 - 1:45 PE202 OLSON 08/19 12/20 OP V05

Eve 21781 MW 5:30 - 6:45 PE202 PEARSON 08/19 12/20 OP 093

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KIN WT2 WEIGHT TRAINING 2

1.0 Units

Weight Training 2 is a continuation course to the Basic course WTW1. The Principles of Training, Level 2 terminology and weight training biomechanics will be presented. Level 2 programs and possible variations will be applied in

the prescription of the personal weight training program. The course will incorporate lectures on possible injuries and prevention in a more advanced weight training setting. Implementation of goal setting, tracking, analyzing, progressing individual programs will be included. Strongly Recommended: KIN WT1 with a minimum grade of C

Day 21584 MW 9:30 -10:45 PE202 GIACOMAZZI 08/19 12/20 OP V01  
Day 21585 TTh 9:30 -10:45 PE202 GIACOMAZZI 08/19 12/20 OP V03  
Day 21586 TTh 12:30 - 1:45 PE202 WHITTENBURG08/19 12/20 OP V04  
Day 21982 MW 12:30 - 1:45 PE202 OLSON 08/19 12/20 OP V05  
  
Eve 21588 MW 5:30 - 6:45 PE202 PEARSON 08/19 12/20 OP 093

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KIN WTW1 WOMEN'S WEIGHT TRAINING ONE 1.0 Units

This specialized course will provide an orientation to the basic weight training machines available in gyms/clubs and proper gym etiquette, a study of the basic musculoskeletal anatomy and kinesiology of the female body, present the fundamental tenets of weight training, discuss how to maintain healthy body composition, and information on designing a weight training program to achieve attainable personal goals. Pre/Post Fitness Assessments will be conducted to establish a baseline of fitness and a measuring instrument for improvement toward weight training goals Through proper education and implementation of sound weight training principles, the female student will be able to maintain a healthy lifestyle throughout various stages of life.

Day 22473 TTh 11:00 -12:15 PE203 CUMBO 08/19 12/20 GR V01

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KIN WTW2 WOMEN'S CIRCUIT TRAINING 1.0 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 and 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.

Day 21937 TTh 11:00 -12:15 PE203 CUMBO 08/19 12/20 OP V01

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**KIN YO1 YOGA 1****1.0 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.

Day 22031 TTh 8:00 - 9:15 PE213 FOSTER 08/19 12/20 OP V01  
Day 22032 TTh 12:30 - 1:45 PE213 RHEINHEIMER08/19 12/20 OP V02  
Day 22033 MW 9:30 -10:45 PE213 CUMBO 08/19 12/20 OP V03  
Day 22034 MW 2:00 - 3:15 PE213 FOSTER 08/19 12/20 OP V04  
Day 22035 Fri 9:30 -12:20 PE213 YOON 08/19 12/20 OP V05

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**KIN YO2 YOGA 2****1.0 Units**

This is an intermediate Hatha Yoga course that emphasizes intense stretching, balancing, and building of muscular strength. A series of poses and breathing techniques will be practiced in order to create a more strenuous yoga experience. Emphasis will be on the principles of healthy living, along with proper posture, relaxation and meditation techniques. Strongly Recommended: KIN YO1 with a minimum grade of C

Day 21590 TTh 8:00 - 9:15 PE213 FOSTER 08/19 12/20 OP V01  
Day 21591 TTh 12:30 - 1:45 PE213 RHEINHEIMER08/19 12/20 OP V02  
Day 21592 MW 9:30 -10:45 PE213 CUMBO 08/19 12/20 OP V03  
Day 21593 MW 2:00 - 3:15 PE213 FOSTER 08/19 12/20 OP V04  
Day 21594 Fri 9:30 -12:20 PE213 YOON 08/19 12/20 OP V05

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**KIN FNF1 FENCING- FOIL 1****1.0 Units**

This course is an introduction to foil. Emphasis is on the technical and tactical skills unique to foil fencing. Basic skills include the development of correct footwork, precise blade action, and sound tactical decisions.

Day 23027 TTh 2:00 - 3:15 PE102 RHEINHEIMER08/19 12/20 OP V01

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**KIN FNF2 FENCING - FOIL 2****1.0 Units**

This is a second semester course for foil. Emphasis is establishing consistent technical and tactical skills unique to foil fencing. There will be introduction to use of electrical equipment. Strongly Recommended: KIN FNF1 with a minimum grade of C Footwork movements (advance, retreat, and lunge) must be correct and controlled.

Day 23872 TTh 2:00 - 3:15 PE102 RHEINHEIMER08/19 12/20 OP V01

\*\*\*\*\*LIBRARY SKILLS LPC

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LIBR 1 WORKING WITH SOURCES 1.0 Units

Introduction to using sources as supporting documentation in a college level research project. Teaches the skills needed to successfully find, evaluate, use, cite, and document information using library and open web sources. Focus on identifying appropriate sources and proper use of sources. Students will learn to distinguish between source types, how to avoid plagiarism, and how to use sources in their research projects.

Day 23393 Mon 12:30 - 1:20 2033 AMAYA 08/19 12/20 OP P01

LIBR 1-P01 is part of the Puente Program and is linked to ENG 1A-P01 and PCN 30-P01. For more information or to register for the program, please contact Rafael Valle at <mailto:rvalle@laspositascollege.edu>

Day 22476 Wed 12:30 - 1:20 2003 RIPPEL 08/19 12/20 OP U01

This section of LIBR 1 is part of the Umoja Program and is linked to ENG1A, MW 11-12:15 and M 12:30-1:45 p.m. and PSCN 30 MW 9:30-10:45 a.m. For more information, or to register for the program, please contact Kimberly Burks at <mailto:kburks@laspositascollege.edu>

Web 23394 By Arr 1.0 Hrs/Wk ONLINE RIPPEL 08/19 12/20 OP DE1

\*\*\*\*\*MARKETING

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MKTG 50 INTRODUCTION TO MARKETING 3.0 Units

Marketing as a value exchange process involving all societal members; an overview of product development, pricing, placement, and promotion; Target markets including the demographic and behavioral dimensions of markets; analyses of marketing placement and pricing strategies and the social, cultural, economic, competitive and legal factors affecting marketing mix decisions. Strongly Recommended: ENG 1A with a minimum grade of C

Day 20134 MW 9:30 -10:45 PE212 PATTERSON 08/19 12/20 OP V01  
Web 20616 By Arr 3.0 Hrs/Wk ONLINE JUREVICH 08/19 12/20 OP DE1  
MKTG 50-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositacollege.edu/onlinelearning>

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MKTG 56 RETAIL STRATEGIES 3.0 Units

An overview of marketing in the retail industry. Developing business strategies appropriate to consumer behavior and preferences. An examination of various brick-and-mortar, online, and brick/clicks options. Applying the principles of persuasion in image development for Internet retailing and visual merchandising. Developing a successful plan for utilizing social media.

Web 22844 By Arr 3.0 Hrs/Wk ONLINE PATTERSON 08/19 12/20 OP DE1  
MKTG 56-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositacollege.edu/onlinelearning>

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MKTG 61 PROFESSIONAL SELLING 3.0 Units

Principles and techniques involved in selling products, ideas, and/or services. Focus is on building relationships with others, identifying the reasons a purchase decision may be made. Includes buying motives, communication options, developing commonalities, sales call planning, ethics, follow-up contacts, and customer service. Interactions for face-to-face and online encounters; professional and technical products; consultants; and anyone wanting to improve their interactions with others.

Web 22325 By Arr 3.0 Hrs/Wk ONLINE PATTERSON 08/19 12/20 OP DE1  
MKTG 61-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositacollege.edu/onlinelearning>

\*\*\*\*\*MASS COMMUNICATIONS LPC

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MSCM 5 INTRO TO MASS COMMUNICATIONS 3.0 Units

Survey of mass communication and the interrelationships of media with society, including history, structure, and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity.

Strongly recommended: Eligibility for ENG 1A. 3 hours lecture. AA/AS GE.  
Transfer: CSU, UC\*; CSU GE: D7; IGETC: 4G. \*MSCM 5 and 31 combined: max UC credit, one course.

Day 22125 Fri 9:30 -11:00 103 THOMPSON 08/19 12/20 OP HY1

By Arr 1.3 Hrs/Wk ONLINE 08/19 12/20 OP

MSCM 5-HY1 is a hybrid course. Students will meet on campus Fridays from 9:30-11:00am in Room 103. They will be required to complete the remainder of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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MSCM 16A EXPRESS COLLEGE NEWSPAPER A

3.0 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

Day 21273 Lab Mon 1:00 - 3:50 2409 KORBER 08/19 12/20 OP V01

Wed 1:00 - 2:20 2409 08/19 12/20 OP

Lab Fri 1:00 - 1:50 2409 08/19 12/20 OP

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MSCM 16B EXPRESS COLLEGE NEWSPAPER B

3.0 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

Day 21274 Lab Mon 1:00 - 3:50 2409 KORBER 08/19 12/20 OP V01

Lab Wed 1:00 - 2:20 2409 08/19 12/20 OP

Fri 1:00 - 1:50 2409 08/19 12/20 OP



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MSCM 16C EXPRESS COLLEGE NEWSPAPER C

3.0 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 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

Day 22136 Mon 1:00 - 3:50 2409 KORBER 08/19 12/20 OP V01  
Wed 1:00 - 2:20 2409 08/19 12/20 OP  
Lab Fri 1:00 - 1:50 2409 08/19 12/20 OP

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MSCM 16D EXPRESS COLLEGE NEWSPAPER D

3.0 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

Day 21922 Lab Mon 1:00 - 3:50 2409 KORBER 08/19 12/20 OP V01  
Lab Wed 1:00 - 2:20 2409 08/19 12/20 OP  
Fri 1:00 - 1:50 2409 08/19 12/20 OP

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MSCM 17 EXPRESS EDITORIAL BOARD

1.0 Units

The roles and responsibilities of leaders on the college newspaper, the Express. Practical experience participating in editorial board meetings,

setting policy for the newspaper, and leading in the decision-making process for issue planning, budgeting, and the development of the newspaper. Enrollment is limited to student leaders on the Express. Strongly recommended: Eligibility for ENG 1A

Day 22137 Fri 12:00 -12:50 2409 KORBER 08/19 12/20 OP V01

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MSCM 31 INTRODUCTION TO MEDIA 3.0 Units

A survey of radio, television, film and multimedia and their impact on culture and society; includes economics, technological development, programming, ratings, legal aspects, and social control of broadcasting in America, and cross-cultural, international comparisons. Strongly Recommended: Eligibility for ENG 1A

Web 23287 By Arr 3.0 Hrs/Wk ONLINE KORBER 08/19 12/20 OP DE1  
MSCM 31-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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MSCM 34A COLLEGE MAGAZINE A 3.0 Units

Creation of a journalistic-style student magazine. Emphasis is placed on developing content, writing in-depth magazine articles, producing photographs and other visual elements, correlating copy and visuals, laying out pages in the production process, copy editing, promoting advertising, managing the business-side of the magazine, and exploring ethical issues. Strongly Recommended: Eligibility for ENG 1A

Day 23021 TTh 11:00 -12:05 2409 KORBER 09/03 12/20 OP LS1  
Lab TTh 12:10 - 1:45 2409 09/03 12/20 OP

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MSCM 34B COLLEGE MAGAZINE B 3.0 Units

Leadership in the creation and promotion of a journalistic-style student magazine, including development of skills in areas of social media and multimedia. Emphasis is placed on practicing and refining intermediate-level journalism skills while developing content, writing in-depth magazine articles, producing copy and visuals, laying out pages in the production the business-side of the magazine, and exploring ethical issues. Strongly Recommended: Eligibility for ENG 1A Prerequisite: MSCM 34A with a minimum

grade of C

Day 23288 TTh 11:00 -12:05 2409 THOMPSON 09/03 12/20 OP LS1  
Lab TTh 12:10 - 1:45 2409 09/03 12/20 OP

\*\*\*\*\*MATH LPC

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MATH 1 CALCULUS I

5.0 Units

An introduction to single-variable differential and integral calculus including: functions, limits and continuity; techniques and applications of differentiation and integration; the Fundamental Theorem of Calculus; areas and volumes of solids of revolution. Prerequisite: MATH 30 and MATH 39 or MATH 38 with a minimum grade of C

Day 20071 MW 11:00 -12:20 1060 PETERSON 08/19 12/20 GR V01  
Fri 11:00 -12:30 1060 08/19 12/20 GR

Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 20234 MWF 9:30 -10:55 1001 FRATES 08/19 12/20 GR V02

Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22350 TTh 11:00 - 1:15 1873 OWENS 08/19 12/20 GR V03

Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be

a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 23395 TTh 8:00 -10:15 1001 MAJUMDAR 08/19 12/20 GR V04

Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Eve 20072 MW 7:30 - 9:45 1874 NGUYEN 08/19 12/20 GR 093

Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Eve 22766 TTh 5:00 - 7:15 1001 LAVENDER 08/19 12/20 GR 094

Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Eve 23396 TTh 7:30 - 9:45 1874 MUELLER 08/19 12/20 GR 095

Math 1 includes an introduction to integration and its application to areas and volumes. Any student enrolling in this course should be aware that the content may differ from a similar course taught at other schools. If you are not an LPC student, check with the Mathematics Department at your school to be sure this course is similar to the one taught there. This LPC calculus course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Continuation of single-variable differential and integral calculus. Topics covered include: inverse and hyperbolic functions; techniques of integration; polar and parametric equations; infinite sequences, series, power series and Taylor series; applications of integration. Primarily for mathematics, physical science and engineering majors. Prerequisite: MATH 1 with a minimum grade of C

Day 20142 MWF 11:00 -12:25 1001 FRATES 08/19 12/20 GR V01

It is expected that any student enrolling in Math 2 has had a Calculus I course which included an introduction to integration and its application to areas and volumes. This LPC course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22767 MWF 9:30 -10:55 1873 OWENS 08/19 12/20 GR V02

It is expected that any student enrolling in Math 2 has had a Calculus I course which included an introduction to integration and its application to areas and volumes. This LPC course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22351 TTh 11:00 - 1:15 1001 OLAVARRIETA 08/19 12/20 GR V03

It is expected that any student enrolling in Math 2 has had a Calculus I course which included an introduction to integration and its application to areas and volumes. This LPC course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Eve 20235 MW 7:30 - 9:45 1873 DIXON 08/19 12/20 GR 093

It is expected that any student enrolling in Math 2 has had a Calculus I course which included an introduction to integration and its application to areas and volumes. This LPC course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Eve 23711 TTh 5:00 - 7:15 1873 FITZGERALD 08/19 12/20 GR 094

It is expected that any student enrolling in Math 2 has had a Calculus I course which included an introduction to integration and its application to areas and volumes. This LPC course is taught with late transcendentals. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

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**MATH 3 MULTIVARIABLE CALCULUS****5.0 Units**

Vector valued functions, functions of several variables, partial differentiation, multiple integration, change of variables theorem, scalar and vector fields, gradient, divergence, curl, line integral, surface integral, Green's Stokes' and divergence theorem, applications. Prerequisite: MATH 2 with a minimum grade of C

Day 21805 MWF 11:00 -12:25 1873 MORRIS 08/19 12/20 GR V01

A TI-84 or TI-83 Calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

Eve 20073 MW 7:30 - 9:45 1001 WHITE 08/19 12/20 GR 093

A TI-84 or TI-83 Calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

Eve 22483 TTh 5:00 - 6:15 \*115 POWERS 08/19 12/20 GR 094

offsite room \*115 meets at ..... AMADOR VALLEY HIGH SCHOOL  
1155 SANTA RITA ROAD  
PLEASANTON, CA

MATH 3-094 will be held at Amador Valley High School in Room H2. This class is intended for high school students who have completed Calculus BC with a grade of C or higher. This is a 5-unit year-long course. Students will receive an IP (in-progress) grade at the end of the Fall 2019 semester and a final grade at the end of the Spring 2020 semester. Students MUST enroll in the second half of the class for the spring semester to receive credit (CRN to be determined). High school students wishing to take this section should work with their high schools to complete concurrent enrollment paperwork to apply and/or enroll at Las Positas College. After applying and/or enrolling and receiving a student W#, high school students should contact the instructor, David Powers <mailto:dpowers@laspositascollege.edu> high school students to verify that the MATH 2 (Calculus BC) prerequisite has been met.

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**MATH 5 ORDINARY DIFFERENTIAL EQUATION****3.5 Units**

Introduction to differential equations including the conditions under which a unique solution exists, techniques for obtaining solutions, and applications. Techniques include generation of series, solutions, use of Laplace Transforms, and the use of eigenvalues to solve linear systems. Generation of exact solutions, approximate solutions, and graphs of solutions using MATLAB. Prerequisite: MATH 3 with a minimum grade of C

Day 20292 Mon 10:00 -11:50 1002 MAJUMDAR 08/19 12/20 GR V01

Wed 10:00 -10:50 1002 08/19 12/20 GR  
Lab Wed 11:00 -12:15 1002 08/19 12/20 GR  
A TI-84 or TI-83 calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

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**MATH 7 ELEMENTARY LINEAR ALGEBRA 3.5 Units**

An introduction to linear algebra including: techniques and theory needed to solve and classify systems of linear equations using Gaussian elimination and matrix algebra; properties of vectors in n-dimensions; generalized vector spaces, inner product spaces, basis, norms, orthogonality; eigenvalues, eigenspaces; and linear transformations. Selected applications of linear algebra, including the use of MATLAB to solve problems involving advanced numerical computation. Prerequisite: MATH 2 with a minimum grade of C

Eve 20293 Tue 5:00 - 6:50 1002 MORRIS 08/19 12/20 GR 093  
Th 5:00 - 5:50 1002 08/19 12/20 GR  
Lab Th 6:00 - 7:15 1002 08/19 12/20 GR

A TI-84 or TI-83 Calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

Eve 23897 Tue 5:00 - 6:50 1013 OLAVARRIETA08/19 12/20 GR 094  
Th 5:00 - 5:50 1013 08/19 12/20 GR  
Lab Th 6:00 - 7:15 1013 08/19 12/20 GR

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**MATH 10 DISCRETE MATHEMATICS 4.0 Units**

Designed for majors in mathematics and computer science, this course provides an introduction to discrete mathematical structures used in Computer Science and their applications. Course content includes: Propositional and predicate logic; rules of inference; quantifiers; elements of integer number theory; set theory; methods of proof; induction; combinatorics and discrete probability; functions and relations; recursive definitions and recurrence relations; elements of graph theory and trees. Applications include: analysis of algorithms, Boolean algebras and digital logic circuits. Students who have completed, or are enrolled in, CS 17 may not receive credit. Prerequisite: MATH 1 and CS 1 with a minimum grade of C (May be taken concurrently)

Eve 23397 Tue 7:30 - 9:45 1002 MORRIS 08/19 12/20 GR 093  
Th 7:30 - 8:45 1002 08/19 12/20 GR  
Lab Th 8:55 - 9:45 1002 08/19 12/20 GR

A TI-84 or TI-83 calculator may be required for this course. Consult with the instructor before buying a calculator for this course.

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MATH 30 COLLEGE ALGEBRA FOR STEM

4.0 Units

College algebra core concepts relating to Science, Technology, Engineering and Mathematics (STEM) and Business fields are explored, such as: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; and analytic geometry. Multiple representations, applications and modeling with functions are emphasized throughout. May not receive credit if Mathematics 20 or 45 have been completed. Prerequisite: MATH 55 or MATH 55B or NMAT 255 with a minimum grade of C

Day 23398 Mon 12:30 - 3:20 507 ARENAS 08/19 10/11 GR FT1  
TTh 12:30 - 3:20 507 08/19 10/11 GR  
Lab Fri 12:30 - 2:50 507 08/19 10/11 GR

This is a Fast-Track course during the first 8 weeks of the semester. During the second 8 weeks, Math 39-FT2 will be offered at the same days and times. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22768 Mon 9:30 -10:20 102 EDWARDS 08/19 12/20 GR V01  
Wed 10:00 -11:15 102 08/19 12/20 GR  
Fri 10:00 -11:15 102 08/19 12/20 GR  
Lab Mon 10:30 -11:20 102 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22769 MW 1:30 - 2:45 102 GUCLU 08/19 12/20 GR V02  
Fri 1:30 - 2:20 102 08/19 12/20 GR  
Lab Fri 2:30 - 3:20 102 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22770 Mon 3:00 - 5:15 503 TYLER 08/19 12/20 GR V03  
Wed 3:00 - 4:15 503 08/19 12/20 GR  
Lab Wed 4:30 - 5:20 503 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22772 Tue 8:00 -10:15 1826 TYLER 08/19 12/20 GR V04  
Th 8:00 - 9:15 1826 08/19 12/20 GR  
Lab Th 9:30 -10:20 1826 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.



Consult with the instructor or bookstore before registering for this course.

Day 22773 Tue 1:00 - 3:15 102 MAITI 08/19 12/20 GR V05

Th 1:00 - 2:15 102 08/19 12/20 GR

Lab Th 2:30 - 3:20 102 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Students must complete their TBA lab hour requirement by logging one hour in the Math Learning Center in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour BEFORE the census date (check the academic calendar for the census date), or the student will be dropped from the course.

Day 23399 MW 8:00 - 9:15 1003 JAMASBI 08/19 12/20 GR V06

Fri 8:00 - 8:50 1003 08/19 12/20 GR

Lab Fri 9:00 - 9:50 1003 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23400 Tue 12:00 - 2:15 1003 MAJUMDAR 08/19 12/20 GR V07

Th 12:00 - 1:15 1003 08/19 12/20 GR

Lab Th 1:30 - 2:20 1003 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 22774 Mon 5:30 - 7:45 102 MOHEBI 08/19 12/20 GR 093

Wed 5:30 - 6:45 102 08/19 12/20 GR

Lab Wed 7:00 - 7:50 102 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 22775 Tue 7:30 - 9:45 1060 HOANG 08/19 12/20 GR 094

Th 7:30 - 8:45 1060 08/19 12/20 GR

Lab Th 9:00 - 9:50 1060 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

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MATH 34 CALC FOR BUS AND SOC SCIENCES

5.0 Units

Functions and their graphs; limits of functions; differential and integral calculus of algebraic, exponential and logarithmic functions. Applications in business, economics, and social sciences and use of graphing calculators. Partial derivatives and the method of Lagrange multipliers. Prerequisite:

MATH 55 or MATH 55B with a minimum grade of C

Day 21806 MWF 8:00 - 9:25 1001 PETERSON 08/19 12/20 GR V01

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 21722 MWF 12:30 - 1:55 1873 FRATES 08/19 12/20 GR V02

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 22352 TTh 2:00 - 4:15 1873 JAMASBI 08/19 12/20 GR V03

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 20182 TTh 6:30 - 8:45 2460 BLUMENFELD 08/19 12/20 GR 093

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Web 23401 By Arr 5.0 Hrs/Wk ONLINE BLUMENFELD 08/19 12/20 GR DE1

This course is an online course. Students will be required to complete the course online. Students will meet on campus the following Mondays for orientation and exams in Room 1874 from 5PM-7:15PM on: August 19- First Day Orientation, September 16- Exam #1, October 28- Exam #2, December 2- Exam #3 and December 16- Final Exam. Students may be required to purchase internet-based software for this class. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning> A TI-84 or TI-83 calculator may be required. Consult with your instructor before buying a calculator for this course.

Web 23402 By Arr 5.0 Hrs/Wk ONLINE BLUMENFELD 08/19 12/20 GR DE2

This course is an online course. Students will be required to complete the course online. Students will meet on campus the following Wednesdays for orientation and exams in Room 1874 from 5PM-7:15PM on: August 21- First Day Orientation, September 18- Exam #1, October 30- Exam #2, December 4- Exam #3 and December 18- Final Exam. Students may be required to purchase internet-based software for this class. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning> A TI-84 or TI-83 calculator may be required. Consult with your instructor before buying a calculator for this course.

Trigonometry includes definitions of the trigonometric functions and their inverses, graphs of the trigonometric functions and their inverses, trigonometric equations, trigonometric expressions and identities, including proofs, an introduction to vectors, polar coordinates and complex numbers. Applications include solving right triangles and solving triangles using the law of sines and the law of cosines. Prerequisite: MATH 55 or MATH 55B with a minimum grade of C.

Day 23403 Mon 12:30 - 3:20 507 ARENAS 10/21 12/20 GR FT2  
 TTh 12:30 - 3:20 507 10/21 12/20 GR  
 Lab Fri 12:30 - 2:50 507 10/21 12/20 GR

This is a Fast-Track course during the second 8 weeks of the semester. During the first 8 weeks, Math 30-FT1 will be offered at the same days and times. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22109 MW 8:00 - 9:15 102 EDWARDS 08/19 12/20 GR V01  
 Fri 8:00 - 8:50 102 08/19 12/20 GR  
 Lab Fri 9:00 - 9:50 102 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22110 MW 11:30 -12:45 102 OLAVARRIETA 08/19 12/20 GR V02  
 Fri 11:30 -12:20 102 08/19 12/20 GR  
 Lab Fri 12:30 - 1:20 102 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22111 Mon 3:00 - 5:15 2470 MOHEBI 08/19 12/20 GR V03  
 Wed 3:00 - 4:15 2470 08/19 12/20 GR  
 Lab Wed 4:30 - 5:20 2470 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22112 Tue 10:30 -12:45 102 SINGH 08/19 12/20 GR V04  
 Th 10:30 -11:45 102 08/19 12/20 GR  
 Lab Th 12:00 -12:50 102 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22565 Tue 3:30 - 5:45 2470 OWENS 08/19 12/20 GR V05  
 Th 3:30 - 4:45 2470 08/19 12/20 GR  
 Lab Th 5:00 - 5:50 2470 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 23404 Tue 1:30 - 3:45 1001 SINGH 08/19 12/20 GR V06  
Th 1:30 - 2:45 1001 08/19 12/20 GR  
Lab Th 3:00 - 3:50 1001 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23405 Tue 8:00 -10:15 1873 WUTKE 08/19 12/20 GR V07  
Th 8:00 - 9:15 1873 08/19 12/20 GR  
Lab Th 9:30 -10:20 1873 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 22113 Mon 8:00 -10:15 102 BROJERDI 08/19 12/20 GR 093  
Wed 8:00 - 9:15 102 08/19 12/20 GR  
Lab Wed 9:20 -10:10 102 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

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MATH 40 STATISTICS AND PROBABILITY 4.0 Units

Descriptive statistics, including measures of central tendency, dispersion and position; elements of probability; confidence intervals; hypothesis tests; two-population comparisons; correlation and regression; goodness of fit; analysis of variance; applications in various fields. Introduction to the use of a computer software package to complete both descriptive and inferential statistics problems. Prerequisites: Math 50 or Math 55 or Math 55B with a minimum grade of C

Day 21526 Fri 2:00 - 3:50 2416 AUGUST 08/19 12/20 GR HD1  
By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 GR  
By Arr 2.0 Hrs/Wk ONLINE 08/19 12/20 GR

Math 40-HD1 is a hybrid course. Students will meet on campus from 2:00 to 3:50 pm only on the following Fridays in room 2416: Aug. 23, Sept 20 Oct.18, Nov.22, Dec.13, and Dec.20 (Final Exam). Students will be required to complete the remainder of the course online. Students may be required to purchase internet-based software for this class. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> A TI-84 or TI-83 calculator may be required. Consult with your instructor before buying a calculator for this course.

Day 23406 Fri 2:00 - 3:50 1003 GRAHAM 08/19 12/20 GR HD3  
By Arr 2.0 Hrs/Wk ONLINE 08/19 12/20 GR

By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 GR

Math 40-HD3 is a hybrid course. Students will meet on campus for exams on the following Fridays: Sept 13, Oct 11, Nov 15, Dec 13, and Dec 20 (Final Exam).

Students will be required to complete the remainder of the course online.

Students may be required to purchase internet-based software for this class.

For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> A TI-84 or TI-83 calculator may be required. Consult with your instructor before buying a calculator for this course.

Day 22950 MW 8:00 - 9:15 2414 BADAL 08/19 12/20 GR V01

Fri 8:00 - 8:50 2414 08/19 12/20 GR

Lab Fri 9:00 - 9:50 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 21517 Mon 9:30 - 11:45 2414 SINGH 08/19 12/20 GR V02

Lab Wed 11:00 - 11:50 2414 08/19 12/20 GR

Wed 9:30 - 10:45 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 22216 MW 2:00 - 3:15 2414 BATRA 08/19 12/20 GR V03

Fri 2:00 - 2:50 2414 08/19 12/20 GR

Lab Fri 3:00 - 3:50 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 21518 Tue 8:30 - 10:45 1002 FRATES 08/19 12/20 GR V04

Th 8:30 - 9:45 1002 08/19 12/20 GR

Lab Th 10:00 - 10:50 1002 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 21519 Tue 11:00 - 1:15 1002 MCHALE 08/19 12/20 GR V05

Th 11:00 - 12:15 1002 08/19 12/20 GR

Lab Th 12:30 - 1:20 1002 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 21520 Tue 2:00 - 4:15 2414 GRAHAM 08/19 12/20 GR V06

Th 2:00 - 3:15 2414 08/19 12/20 GR

Lab Th 3:30 - 4:20 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 21521 Mon 3:00 - 5:15 2416 GUCLU 08/19 12/20 GR V07

Wed 3:00 - 4:15 2416 08/19 12/20 GR

Lab Wed 4:30 - 5:20 2416 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 22571 MW 12:00 - 1:15 2414 BATRA 08/19 12/20 GR V08

Fri 11:00 -11:50 2414 08/19 12/20 GR

Lab Fri 12:00 -12:50 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23408 Mon 8:00 -10:15 2416 SINGH 08/19 12/20 GR V10

Wed 8:00 - 9:15 2416 08/19 12/20 GR

Lab Wed 9:30 -10:20 2416 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23410 Tue 11:00 - 1:15 2414 YOUNG 08/19 12/20 GR V11

Th 11:00 -12:15 2414 08/19 12/20 GR

Lab Th 12:30 - 1:20 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23409 Tue 2:00 - 4:15 1002 STRAUS 08/19 12/20 GR V12

Th 2:00 - 3:15 1002 08/19 12/20 GR

Lab Th 3:30 - 4:20 1002 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23926 Mon 8:30 -10:45 1013 Staff - LP08/19 12/20 GR V13

Lab Wed 10:00 -10:50 1013 08/19 12/20 GR

Wed 8:30 - 9:45 1013 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23934 Tue 11:00 - 1:15 1004 TABARA 08/19 12/20 GR V14

Th 11:00 -12:15 1004 08/19 12/20 GR

Lab Th 12:30 - 1:20 1004 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23933 Tue 2:00 - 4:15 1004 FITZGERALD 08/19 12/20 GR V15

Th 2:00 - 3:15 1004 08/19 12/20 GR

Lab Th 3:30 - 4:20 1004 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 21807 Mon 5:00 - 7:15 1004 MAITI 08/19 12/20 GR 093

Wed 5:00 - 6:15 1004 08/19 12/20 GR

Lab Wed 6:30 - 7:20 1004 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 21523 Mon 5:00 - 7:15 2414 GHANNADAN 08/19 12/20 GR 094

Wed 5:00 - 6:15 2414 08/19 12/20 GR

Lab Wed 6:30 - 7:20 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 21524 Tue 5:00 - 7:15 2414 YOUNG 08/19 12/20 GR 095

Th 5:00 - 6:15 2414 08/19 12/20 GR

Lab Th 6:30 - 7:20 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 21525 Mon 7:30 - 9:45 1004 MAITI 08/19 12/20 GR 096

Wed 7:30 - 8:45 1004 08/19 12/20 GR

Lab Wed 9:00 - 9:50 1004 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 22951 Tue 7:30 - 9:45 2414 YOUNG 08/19 12/20 GR 097

Th 7:30 - 8:45 2414 08/19 12/20 GR

Lab Th 9:00 - 9:50 2414 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Web 23932 By Arr 4.0 Hrs/Wk ONLINE AUGUST 08/19 12/20 GR DE1

Math 40-DE1 is an online course. Students will be required to take proctored exams using Proctorio throughout the course. Proctorio requires a desktop or laptop computer with a webcam and audio settings enabled when taking exams.

For more information on Proctorio, please visit:

[http://www.laspositascollege.edu/onlinelearning/online\\_proctoring.php](http://www.laspositascollege.edu/onlinelearning/online_proctoring.php) For more information, see the section titled "Online Learning" in this schedule, or go

to <http://www.laspositascollege.edu/onlinelearning> A TI-84 or TI-83 calculator may be required. Consult with your instructor before buying a calculator for this course.

Web 21710 Wed 12:00 - 1:50 1004 GRAHAM 08/19 12/20 GR HD2

By Arr 2.0 Hrs/Wk ONLINE 08/19 12/20 GR

By Arr 1.0 Hrs/Wk ONLINE 08/19 12/20 GR

Math 40-HD2 is a hybrid course. Students will meet on campus every Wednesday

from 12:00-1:50 in Room 1004. Students will be required to complete the remainder of the course online. Students may be required to purchase internet-based software for this class. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. A TI-84 or TI-83 calculator may be required. Consult with your instructor before buying a calculator for this course.

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MATH 47 MATHEMATICS FOR LIBERAL ARTS

3.0 Units

An introduction to a variety of mathematical concepts for students interested in liberal arts. Intended to cultivate an appreciation of the significance of mathematics in daily life and help develop students' mathematical reasoning. Topics include personal finance, probability and statistics, logic, exponential growth, and graph theory. Prerequisite: MATH 55 or MATH 55B or MATH 50 with a minimum grade of C

Day 21808 Mon 3:30 - 5:20 1003 ZENG 08/19 12/20 GR V01

Wed 3:30 - 4:20 1003 08/19 12/20 GR

Lab Wed 4:30 - 5:20 1003 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 21809 Tue 10:00 - 11:50 1003 LAVENDER 08/19 12/20 GR V02

Th 10:00 - 10:50 1003 08/19 12/20 GR

Lab Th 11:00 - 11:50 1003 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Day 23929 Mon 8:00 - 9:50 1814 Staff - LP 08/19 12/20 GR V03

Wed 8:00 - 8:50 1814 08/19 12/20 GR

Lab Wed 9:00 - 9:50 1814 08/19 12/20 GR

Eve 21810 Mon 5:30 - 7:20 503 VALENTINE 08/19 12/20 GR 093

Wed 5:30 - 6:20 503 08/19 12/20 GR

Lab Wed 6:30 - 7:20 503 08/19 12/20 GR

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

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MATH 50 INTERMEDIATE ALGEBRA FOR SLAM

4.0 Units



This is an Intermediate Algebra course for students interested in fields of study that require Statistics or Liberal Arts Mathematics (SLAM). Intermediate algebra concepts will be explored in the context of the function. Function concepts covered include: distinction between functions and relations, domain and range, function notation, multiple representation of functions, behavior of functions, operations with functions (including composition), one-to-one and invertible functions. Types of functions considered: polynomial, rational, radical, exponential and logarithmic functions. The course quantitative data. Standards for mathematical practice, applications of functions, and modeling with functions are emphasized throughout. Strongly Recommended: MATH 110 or MATH 110B or NMAT 210 with a minimum grade of C

Day 22115 TTh 8:00 - 9:15 503 ALMEIDA 08/19 12/20 OP V01

Lab TTh 9:25 - 10:40 503 08/19 12/20 OP

A TI-84 or TI-83 calculator or internet-based software will be required for all sections of this course. There may be a fee associated with these materials. Consult with the instructor before purchasing materials for this course. This class is offered for credit (MATH 50) or for tuition-free noncredit (NMAT 250).

Day 22354 MWF 2:00 - 2:50 1001 FIROUZI 08/19 12/20 OP V02

Lab MWF 3:00 - 3:50 1001 08/19 12/20 OP

A TI-84 or TI-83 calculator or internet-based software will be required for all sections of this course. There may be a fee associated with these materials. Consult with the instructor before purchasing materials for this course. This class is offered for credit (MATH 50) or for tuition-free noncredit (NMAT 250).

Eve 22117 TTh 6:30 - 7:45 1003 LOPEZ 08/19 12/20 OP 093

Lab TTh 8:00 - 9:15 1003 08/19 12/20 OP

This course is specifically designed for Early Care and Education majors. The content of this course will be contextualized to the early childhood profession and its teachers. A TI-84 or TI-83 calculator or internet-based software will be required for all sections of this course. There may be a fee associated with these materials. Consult with the instructor before purchasing materials for this course. This class is offered for credit (MATH 50) or for tuition-free noncredit (NMAT 250).

MATH 52A TECH. INTER. ALGEBRA- AUTO A

1.5 Units

This course provides a survey of algebraic processes with an emphasis on applications in the automotive trades. Topics covered include, but are not limited to: algebraic expressions; quadratic functions; and functions. This course may not be used as a prerequisite for any transfer level course.

Prerequisite: MATH 72D with a minimum grade of C

Day 23411 TTh 9:30 - 11:15 607 GRAHAM 08/19 10/11 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23412 TTh 12:30 - 2:15 607 POWERS 08/19 10/11 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23413 MW 12:30 - 2:15 607 BELAUSTEGUI08/19 10/11 OP T03

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23414 TTh 3:30 - 5:15 607 BELAK 08/19 10/11 OP T04

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23415 MW 9:30 - 11:15 607 POWERS 08/19 10/11 OP T05

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23416 MW 3:30 - 5:15 607 BELAUSTEGUI08/19 10/11 OP T06

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23419 TTh 9:30 - 11:15 607 GRAHAM 10/21 12/20 OP T07

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23420 TTh 12:30 - 2:15 607 POWERS 10/21 12/20 OP T08

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23421 MW 12:30 - 2:15 607 BELAUSTEGUI10/21 12/20 OP T09

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23422 TTh 3:30 - 5:15 607 BELAK 10/21 12/20 OP T10

This course is taught in the Math Emporium, a self-accelerated, guided,

independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23423 MW 9:30 -11:15 607 POWERS 10/21 12/20 OP T11

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23424 MW 3:30 - 5:15 607 BELAUSTEGUI 10/21 12/20 OP T12

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23417 MW 6:30 - 8:15 607 HORNE 08/19 10/11 OP T93

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23418 TTh 6:30 - 8:15 607 TERUYA 08/19 10/11 OP T94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23425 MW 6:30 - 8:15 607 HORNE 10/21 12/20 OP T95

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23427 TTh 6:30 - 8:15 607 TERUYA 10/21 12/20 OP T96

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

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MATH 52B TECH. INTER. ALGEBRA- AUTO B

1.5 Units

This course provides a survey of algebraic and geometric processes with an emphasis on applications in the automotive trades. Topics covered include, but are not limited to: plane geometry; linear regression, financial mathematics, and measures of central tendency. This course is not intended as a prerequisite for any transfer level course. Prerequisite: MATH 52A with a minimum grade of C

- Day 23432 TTh 9:30 -11:15 607 GRAHAM 08/19 10/11 OP T01  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23433 TTh 12:30 - 2:15 607 POWERS 08/19 10/11 OP T02  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23709 MW 12:30 - 2:15 607 BELAUSTEGUI08/19 10/11 OP T03  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23434 TTh 3:30 - 5:15 607 BELAK 08/19 10/11 OP T04  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23435 MW 9:30 -11:15 607 POWERS 08/19 10/11 OP T05  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23436 MW 3:30 - 5:15 607 BELAUSTEGUI08/19 10/11 OP T06  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23439 TTh 9:30 -11:15 607 GRAHAM 10/21 12/20 OP T07  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23440 TTh 12:30 - 2:15 607 POWERS 10/21 12/20 OP T08  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23441 MW 12:30 - 2:15 607 BELAUSTEGUI10/21 12/20 OP T09  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23442 TTh 3:30 - 5:15 607 BELAK 10/21 12/20 OP T10

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23443 MW 9:30 -11:15 607 POWERS 10/21 12/20 OP T11

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23444 MW 3:30 - 5:15 607 BELAUSTEGUI 10/21 12/20 OP T12

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23437 MW 6:30 - 8:15 607 HORNE 08/19 10/11 OP T93

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23438 TTh 6:30 - 8:15 607 TERUYA 08/19 10/11 OP T94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23445 MW 6:30 - 8:15 607 HORNE 10/21 12/20 OP T95

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23446 TTh 6:30 - 8:15 607 TERUYA 10/21 12/20 OP T96

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

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MATH 53A TECH.INTER.ALGEBRA-WELDING A

2.0 Units

This course provides a survey of algebraic processes with an emphasis on applications in welding. Topics covered include, but are not limited to: algebraic expressions, plane geometry, the geometry of solids, and triangle trigonometry. This course may not be used as a prerequisite for any transfer level course. Prerequisite: MATH 72C or MATH 72D with a minimum grade of C

- Day 23447 TTh 9:30 -11:50 607 GRAHAM 08/19 10/11 OP T01  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23448 TTh 12:30 - 2:50 607 POWERS 08/19 10/11 OP T02  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23449 MW 12:30 - 2:50 607 BELAUSTEGUI08/19 10/11 OP T03  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23450 TTh 3:30 - 5:50 607 BELAK 08/19 10/11 OP T04  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23451 MW 9:30 -11:50 607 POWERS 08/19 10/11 OP T05  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23452 MW 3:30 - 5:50 607 BELAUSTEGUI08/19 10/11 OP T06  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23455 TTh 9:30 -11:50 607 GRAHAM 10/21 12/20 OP T07  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23456 TTh 12:30 - 2:50 607 POWERS 10/21 12/20 OP T08  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23457 MW 12:30 - 2:50 607 BELAUSTEGUI10/21 12/20 OP T09  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23458 TTh 3:30 - 5:50 607 BELAK 10/21 12/20 OP T10

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23459 MW 9:30 -11:50 607 POWERS 10/21 12/20 OP T11

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23460 MW 3:30 - 5:50 607 BELAUSTEGUI 10/21 12/20 OP T12

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23453 MW 6:30 - 8:50 607 HORNE 08/19 10/11 OP T93

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23454 TTh 6:30 - 8:50 607 TERUYA 08/19 10/11 OP T94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23461 MW 6:30 - 8:50 607 HORNE 10/21 12/20 OP T95

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23462 TTh 6:30 - 8:50 607 TERUYA 10/21 12/20 OP T96

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

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MATH 53B TECH.INTER.ALGEBRA-WELDING B

1.0 Units

This course provides a survey of algebraic processes with an emphasis on applications in welding. Topics covered include, but are not limited to: quadratic equations, functions, and mathematical models. This course may not be used as a prerequisite for any transfer level course. Prerequisite: MATH 72D and MATH 53A with a minimum grade of C

- Day 23463 TTh 9:30 -10:35 607 GRAHAM 08/19 10/11 OP T01  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23464 TTh 12:30 - 1:35 607 POWERS 08/19 10/11 OP T02  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23465 MW 12:30 - 1:35 607 BELAUSTEGUI08/19 10/11 OP T03  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23466 TTh 3:30 - 4:35 607 BELAK 08/19 10/11 OP T04  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23467 MW 9:30 -10:35 607 POWERS 08/19 10/11 OP T05  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23468 MW 3:30 - 4:35 607 BELAUSTEGUI08/19 10/11 OP T06  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23471 TTh 9:30 -10:35 607 GRAHAM 10/21 12/20 OP T07  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23472 TTh 12:30 - 1:35 607 POWERS 10/21 12/20 OP T08  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23708 MW 12:30 - 1:35 607 BELAUSTEGUI10/21 12/20 OP T09  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.
- Day 23473 TTh 3:30 - 4:35 607 BELAK 10/21 12/20 OP T10



This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23474 MW 9:30 -10:35 607 POWERS 10/21 12/20 OP T11

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23475 MW 3:30 - 4:35 607 BELAUSTEGUI 10/21 12/20 OP T12

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23469 MW 6:30 - 7:35 607 HORNE 08/19 10/11 OP T93

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23470 TTh 6:30 - 7:35 607 TERUYA 08/19 10/11 OP T94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23476 MW 6:30 - 7:35 607 HORNE 10/21 12/20 OP T95

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23477 TTh 6:30 - 7:35 607 TERUYA 10/21 12/20 OP T96

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

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MATH 55 INTERMEDIATE ALGEBRA FOR BSTEM

5.0 Units

Intermediate algebra concepts, in the service of Business, Science, Technology, Engineering and Math (BSTEM) will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a

function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. Strongly Recommended: MATH 110 or MATH 110B or NMAT 210 with a minimum grade of C

Day 21725 MWF 9:30 -10:50 1004 WOODS 08/19 12/20 OP C11

You must also enroll in Math 55C-C11. MATH 55-C11 is designed specifically for students pursuing a degree or transfer in a STEM Field, with emphasis towards supporting the completion of the A.S. Engineering Technology degree. The material in this course therefore will be heavily contextualized in STEM applications, with emphasis in engineering technology. This course must be taken concurrently with Math 55C-C11, a 1 unit support course that will prepare students for the rigor of the STEM pathways and learning skills necessary to succeed in college courses. Ideally students that enroll in this section are also interested in enrolling in the fast-tracked Math 30: College Algebra for STEM and Math 39: Trigonometry course offered in an 8-week, 8-week mode the following Spring.

Day 20438 MWF 11:30 -12:55 1003 MCHALE 08/19 12/20 OP C12

You must also enroll in Math 55C-C12. MATH 55-C12. is designed specifically for students in the Middle College program requiring Algebra, and students wanting embedded support for intermediate algebra. This course must be taken concurrently with Math 55C-C12, a 1-unit support course that will prepare students for the rigor of college-level work and the learning skills necessary to succeed in college courses. A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 22776 TTh 8:00 -10:15 1814 POWERS 08/19 12/20 OP V01

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

Day 23478 TTh 9:30 -11:45 607 GRAHAM 08/19 12/20 OP X01

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab which contains an online version of the text. For more information, go to the Mathematics website <http://www.laspositascollege.edu/mathemporium>

Day 22355 TTh 12:30 - 2:45 607 POWERS 08/19 12/20 OP X02

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>

Day 23479 MW 12:30 - 2:45 607 BELAUSTEGUI08/19 12/20 OP X03

This course is taught in the Math Emporium, a self- accelerated, guided,

independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab which contains an online version of the text. For more information, go to the Mathematics website <http://www.laspositascollege.edu/mathemporium>

Day 23480 TTh 3:30 - 5:45 607 BELAK 08/19 12/20 OP X04

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab which contains an online version of the text. For more information, go to the Mathematics website <http://www.laspositascollege.edu/mathemporium>

Day 22356 MW 9:30 -11:45 607 POWERS 08/19 12/20 OP X05

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>

Day 22357 MW 3:30 - 5:45 607 BELAUSTEGUI 08/19 12/20 OP X06

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>

Eve 20236 MW 7:30 - 9:45 1003 HOANG 08/19 12/20 OP 093

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

Eve 23481 MW 6:30 - 8:45 607 HORNE 08/19 12/20 OP X93

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab which contains an online version of the text. For more information, go to the Mathematics website <http://www.laspositascollege.edu/mathemporium>

Eve 22358 TTh 6:30 - 8:45 607 TERUYA 08/19 12/20 OP X94

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>

Web 20179 MW 12:30 - 1:50 1002 AUGUST 08/19 12/20 OP HD1

By Arr 3.0 Hrs/Wk ONLINE 08/19 12/20 OP

Math 55-HD1 is a hybrid course. Students will meet on at the day and time indicated above. Students will be required to complete the remainder of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> A TI-84 or TI-83 calculator or internet-based software may be required for some

sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

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MATH 55C CONCURRENT SUPPORT INT.ALGEBRA 1.0 Units

This course is concurrent support for Intermediate Algebra. The course is designed to provide additional, formal support to students who are currently taking an Intermediate Algebra. It includes a review of arithmetic, algebraic and geometric concepts that are relevant to their Intermediate Algebra course, study strategies that promote understanding and improve performance, and more in-depth investigation of core concepts that are difficult for students to master. Embedded are learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more.  
Corequisite: MATH 55 or NMAT 255 or MATH 50 or NMAT 50

Day 22783 Lab MWF 11:00 -11:50 1004 WOODS 08/19 12/20 P/N C11

You must also enroll in Math 55-C11. Math 55C-C11 is specifically for students enrolled in Math 55 C11. This support course is designed to prepare students for the rigor of the STEM pathways and learning skills necessary to succeed in college courses. Ideally students that enroll in this section of Math 55 + 55C C11 are also interested in enrolling in the fast-track Math 30: College Algebra for STEM and Math 39: Trigonometry courses offered in an 8-week, 8-week mode the following Spring.

Day 23494 Lab MWF 1:00 - 1:50 1003 MCHALE 08/19 12/20 P/N C12

You must also enroll in Math 55-C12. Math 55C-C12 is specifically for students enrolled in Math 55-C12. This 1-unit support course is designed to prepare students for the rigor of college-level work and the learning skills necessary to succeed in college courses.

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MATH 66 MATH JAM FOR CALCULUS 1.0 Units

Math Jam for Calculus is a credit course for students preparing for Calculus I, II or III. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning basic skills and transfer-level material with the goal of preparing them to be successful in their upcoming class. It is strongly recommended that students taking this course are enrolled in a calculus course.

Day 23688 Lab Daily 9:00 - 3:00 2401 POWERS 08/12 08/16 P/N M01

Math Jam for Calculus I, II and III is a 1-week support course prior to the start of the semester for students who wish to prepare for their upcoming Calculus I, II or III course prior to the start of the semester. This course

is designed to prepare students to register for the calculus sequence with confidence, having learned key math concepts and learning skills necessary to succeed in college courses.

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MATH 66C SUPPORT FOR CALCULUS I,II,III 1.0 Units

This course offers structured support to students who are concurrently enrolled in Calculus I, II or III. The support course includes material to prepare students for the rigor of the calculus course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic, geometric and trigonometric concepts, and more in-depth investigation of core concepts in their concurrent math course. Corequisite: MATH 1 This is a one-way corequisite for Math 1. Everyone taking this Math 66C concurrent support course must be taking a Math 1, 2 or 3 class concurrently. However, not everyone taking Math 1 would have to take this Math 66C concurrent support course. Or MATH 2 This is a one-way corequisite for Math 2. Everyone taking this Math 66C concurrent support course must be taking a Math 1, 2 or 3 class concurrently. However, not everyone taking Math 2 would have to take this Math 66C concurrent support course. Or MATH 3 This is a one-way corequisite for Math 3. Everyone taking this Math 66C concurrent support course must be taking a Math 1, 2 or 3 class concurrently. However, not everyone taking Math 3 would have to take this Math 66C concurrent support course.

Day 23684 Lab MWF 9:30 -10:20 601 MCHALE 08/19 12/20 P/N C02  
Math 66C is a RECOMMENDED support course for students currently enrolled in Math 1, Math 2 or Math 3. This 1 unit-lab is designed to prepare students for the rigor of the Calculus math sequence and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course.

Day 23686 Lab TTh 9:00 -10:15 601 WOODS 08/19 12/20 P/N C07  
Math 66C is a RECOMMENDED support course for students currently enrolled in Math 1, Math 2 or Math 3. This 1 unit-lab is designed to prepare students for the rigor of the Calculus math sequence and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course.

Eve 23685 Lab MW 6:00 - 7:15 601 NGUYEN 08/19 12/20 P/N C06  
Math 66C is a RECOMMENDED support course for students currently enrolled in Math 1, Math 2 or Math 3. This 1 unit-lab is designed to prepare students for the rigor of the Calculus math sequence and learning skills necessary to succeed in college courses. Aligned with your math course and designed with

innovative strategies to provide math and learning support while you are taking your math course.

Eve 23687 Lab TTh 6:00 - 7:15 601 MAITI 08/19 12/20 P/N C10

Math 66C is a RECOMMENDED support course for students currently enrolled in Math 1, Math 2 or Math 3. This 1 unit-lab is designed to prepare students for the rigor of the Calculus math sequence and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course.

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MATH 72A TECH ELEMENTARY ALGEBRA A

1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: computations with real numbers, ratios, and proportions. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra.

Day 22819 TTh 9:30 -10:35 607 GRAHAM 08/19 10/11 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23575 TTh 12:30 - 1:35 607 POWERS 08/19 10/11 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22820 MW 12:30 - 1:35 607 BELAUSTEGUI 08/19 10/11 OP T03

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22821 TTh 3:30 - 4:35 607 BELAK 08/19 10/11 OP T04

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23576 MW 9:30 -10:35 607 POWERS 08/19 10/11 OP T05

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23577 MW 3:30 - 4:35 607 BELAUSTEGUI08/19 10/11 OP T06  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22943 TTh 9:30 -10:35 607 GRAHAM 10/21 12/20 OP T07  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23710 TTh 12:30 - 1:35 607 POWERS 10/21 12/20 OP T08  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22944 MW 12:30 - 1:35 607 BELAUSTEGUI10/21 12/20 OP T09  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22945 TTh 3:30 - 4:35 607 BELAK 10/21 12/20 OP T10  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23579 MW 9:30 -10:35 607 POWERS 10/21 12/20 OP T11  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23580 MW 3:30 - 4:35 607 BELAUSTEGUI10/21 12/20 OP T12  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 22822 MW 6:30 - 7:35 607 HORNE 08/19 10/11 OP T93  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23578 TTh 6:30 - 7:35 607 TERUYA 08/19 10/11 OP T94  
This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 22946 MW 6:30 - 7:35 607 HORNE 10/21 12/20 OP T95

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23581 TTh 6:30 - 7:35 607 TERUYA 10/21 12/20 OP T96

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

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MATH 72B TECH. ELEMENTARY ALGEBRA B

1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: linear equations, the rectangular coordinate system, and linear equations in two variables. This course cannot be used as a prerequisite for Math 50 Intermediate Algebra. Prerequisite: MATH 72A with a minimum grade of C

Day 23582 TTh 9:30 - 10:35 607 GRAHAM 08/19 10/11 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23583 TTh 12:30 - 1:35 607 POWERS 08/19 10/11 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23584 MW 12:30 - 1:35 607 BELAUSTEGUI 08/19 10/11 OP T03

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23585 TTh 3:30 - 4:35 607 BELAK 08/19 10/11 OP T04

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23586 MW 9:30 - 10:35 607 POWERS 08/19 10/11 OP T05

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an



online version of the text.

Day 23587 MW 3:30 - 4:35 607 BELAUSTEGUI08/19 10/11 OP T06

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22823 TTh 9:30 -10:35 607 GRAHAM 10/21 12/20 OP T07

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23590 TTh 12:30 - 1:35 607 POWERS 10/21 12/20 OP T08

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22824 MW 12:30 - 1:35 607 BELAUSTEGUI10/21 12/20 OP T09

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22825 TTh 3:30 - 4:35 607 BELAK 10/21 12/20 OP T10

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23591 MW 9:30 -10:35 607 POWERS 10/21 12/20 OP T11

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23592 MW 3:30 - 4:35 607 BELAUSTEGUI10/21 12/20 OP T12

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23588 MW 6:30 - 7:35 607 HORNE 08/19 10/11 OP T93

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23589 TTh 6:30 - 7:35 607 TERUYA 08/19 10/11 OP T94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an

online version of the text.

Eve 22826 MW 6:30 - 7:35 607 HORNE 10/21 12/20 OP T95

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23593 TTh 6:30 - 7:35 607 TERUYA 10/21 12/20 OP T96

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

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MATH 72C TECH. ELEMENTARY ALGEBRA C

1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: percentages and measurement. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra. Prerequisite: MATH 72A or MATH 72B with a minimum grade of C

Day 23596 TTh 9:30 -10:35 607 GRAHAM 08/19 10/11 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23597 TTh 12:30 - 1:35 607 POWERS 08/19 10/11 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23598 MW 12:30 - 1:35 607 BELAUSTEGUI 08/19 10/11 OP T03

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23600 TTh 3:30 - 4:35 607 BELAK 08/19 10/11 OP T04

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23601 MW 9:30 -10:35 607 POWERS 08/19 10/11 OP T05

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required

to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23602 MW 3:30 - 4:35 607 BELAUSTEGUI08/19 10/11 OP T06

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22827 TTh 9:30 -10:35 607 GRAHAM 10/21 12/20 OP T07

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23606 TTh 12:30 - 1:35 607 POWERS 10/21 12/20 OP T08

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22828 MW 12:30 - 1:35 607 BELAUSTEGUI10/21 12/20 OP T09

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22829 TTh 3:30 - 4:35 607 BELAK 10/21 12/20 OP T10

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23607 MW 9:30 -10:35 607 POWERS 10/21 12/20 OP T11

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23608 MW 3:30 - 4:35 607 BELAUSTEGUI10/21 12/20 OP T12

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23604 MW 6:30 - 7:35 607 HORNE 08/19 10/11 OP T93

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23605 TTh 6:30 - 7:35 607 TERUYA 08/19 10/11 OP T94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required

to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 22830 MW 6:30 - 7:35 607 HORNE 10/21 12/20 OP T95

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23609 TTh 6:30 - 7:35 607 TERUYA 10/21 12/20 OP T96

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

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MATH 72D TECH. ELEMENTARY ALGEBRA D

1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: the rectangular coordinate system, linear equations in two variables, and systems of linear equations. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra. Prerequisite: MATH 72B and MATH 72C with a minimum grade of C

Day 23610 TTh 9:30 -10:35 607 GRAHAM 08/19 10/11 OP T01

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23611 TTh 12:30 - 1:35 607 POWERS 08/19 10/11 OP T02

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23612 MW 12:30 - 1:35 607 BELAUSTEGUI 08/19 10/11 OP T03

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23614 TTh 3:30 - 4:35 607 BELAK 08/19 10/11 OP T04

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23615 MW 9:30 -10:35 607 POWERS 08/19 10/11 OP T05

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23616 MW 3:30 - 4:35 607 BELAUSTEGUI08/19 10/11 OP T06

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22831 TTh 9:30 -10:35 607 GRAHAM 10/21 12/20 OP T07

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23619 TTh 12:30 - 1:35 607 POWERS 10/21 12/20 OP T08

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22832 MW 12:30 - 1:35 607 BELAUSTEGUI10/21 12/20 OP T09

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 22833 TTh 3:30 - 4:35 607 BELAK 10/21 12/20 OP T10

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23620 MW 9:30 -10:35 607 POWERS 10/21 12/20 OP T11

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Day 23621 MW 3:30 - 4:35 607 BELAUSTEGUI10/21 12/20 OP T12

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23617 MW 6:30 - 7:35 607 HORNE 08/19 10/11 OP T93

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23618 TTh 6:30 - 7:35 607 TERUYA 08/19 10/11 OP T94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 22834 MW 6:30 - 7:35 607 HORNE 10/21 12/20 OP T95

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

Eve 23622 TTh 6:30 - 7:35 607 TERUYA 10/21 12/20 OP T96

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text.

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MATH 100C CONCURRENT SUPPORT SLAM MATH

1.0 Units

This course is concurrent support for Elementary Algebra. The course is designed to provide additional, formal support to students who are currently taking an Elementary Algebra. It includes a review of arithmetic, algebraic and geometric concepts that are relevant to their Elementary Algebra course, study strategies that promote understanding and improve performance, and more in-depth investigation of core concepts that are difficult for students to master. Embedded are learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more.

Corequisite: MATH 110 This is a one-way corequisite for Math 110. Everyone taking this MATH 110C concurrent support course must be taking a Math 110 class concurrently. However, not everyone taking Math 110 would have to take this Math 110C concurrent support course. or Corequisite: NMAT 210 This is a one-way corequisite for NMAT 210. Everyone taking this MATH 110C concurrent support course must be taking a NMAT 210 class concurrently. However, not everyone taking NMAT 210 would have to take this MATH 110C concurrent support course.

Day 23655 Lab MWF 8:30 - 9:20 601 Staff - LP08/19 12/20 P/N C01

Math 100C is a **STRONGLY RECOMMENDED** support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Day 23656 Lab MWF 9:30 -10:20 601 BELAUSTEGUI08/19 12/20 P/N C02

Math 100C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Day 23657 Lab MWF 10:30 -11:20 601 SINGH 08/19 12/20 P/N C03

Math 100C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Day 23658 Lab MW 2:00 - 3:15 601 BADAL 08/19 12/20 P/N C04

Math 100C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Day 23659 Lab MW 3:30 - 4:45 601 BADAL 08/19 12/20 P/N C05

Math 100C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Day 23661 Lab TTh 9:00 -10:15 601 PETERSON 08/19 12/20 P/N C07

Math 100C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Day 23662 Lab TTh 10:30 -11:45 601 PETERSON 08/19 12/20 P/N C08

Math 100C is a STRONGLY RECOMMENDED support course for students currently

enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Day 23663 Lab TTh 3:00 - 4:15 601 YOUNG 08/19 12/20 P/N C09

Math 100C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Eve 23660 Lab MW 6:00 - 7:15 601 ZENG 08/19 12/20 P/N C06

Math 100C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

Eve 23664 Lab TTh 6:00 - 7:15 601 STRAUS 08/19 12/20 P/N C10

Math 100C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math. This 1-unit lab is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

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MATH 101C CONCURRENT SUPPORT BSTEM MATH

1.0 Units

Concurrent Support for BSTEM Mathematics is for students interested in Business, Science, Technology, Engineering and Mathematical fields. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as College Algebra, Trigonometry, and Business Calculus. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary



to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course. Corequisite: MATH 30 This is a one-way corequisite for Math 30. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, math 39 or Math 34 class concurrently. However, not everyone taking Math 30 would have to take this NMAT 201C concurrent support course. Or MATH 39 This is a one-way corequisite for Math 39. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, math 39 or Math 34 class concurrently. However, not everyone taking Math 39 would have to take this NMAT 201C concurrent support course. Or MATH 34 This is a one-way corequisite for Math 34. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 34 would have to take this NMAT 201C concurrent support course.

- Day 23674 Lab MWF 8:30 - 9:20 601 HOANG 08/19 12/20 P/N C01  
Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).
- Day 23675 Lab MWF 9:30 -10:20 601 MCHALE 08/19 12/20 P/N C02  
Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).
- Day 23676 Lab MWF 10:30 -11:20 601 OLAVARRIETA08/19 12/20 P/N C03  
Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).
- Day 23677 Lab MW 2:00 - 3:15 601 HOANG 08/19 12/20 P/N C04  
Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology,

Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Day 23678 Lab MW 3:30 - 4:45 601 NGUYEN 08/19 12/20 P/N C05

Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Day 23680 Lab TTh 9:00 -10:15 601 WOODS 08/19 12/20 P/N C07

Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Day 23681 Lab TTh 10:30 -11:45 601 WOODS 08/19 12/20 P/N C08

Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Day 23682 Lab TTh 3:00 - 4:15 601 Staff - LP08/19 12/20 P/N C09

Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Eve 23679 Lab MW 6:00 - 7:15 601 NGUYEN 08/19 12/20 P/N C06

Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology,

Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Eve 23683 Lab TTh 6:00 - 7:15 601 MAITI 08/19 12/20 P/N C10

Math 101C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or or Math 34. This 1 unit-lab is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

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MATH 107 PRE-ALGEBRA

4.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of arithmetic, operations involving signed integers, fractions and decimals, variables and variable expressions, simple linear equations and their graphs, percent and proportion, introduction to statistics, geometry and measurement, and application problems.

Day 22359 TTh 9:30 -10:45 607 GRAHAM 08/19 12/20 OP X01

Lab TTh 11:00 -12:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math>

Day 23623 TTh 12:30 - 1:45 607 POWERS 08/19 12/20 OP X02

Lab TTh 2:00 - 3:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math>

Day 22360 MW 12:30 - 1:45 607 BELAUSTEGUI 08/19 12/20 OP X03

Lab MW 2:00 - 3:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math>

Day 22361 TTh 3:30 - 4:45 607 BELAK 08/19 12/20 OP X04

Lab TTh 5:00 - 6:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math>

Day 23624 MW 9:30 -10:45 607 POWERS 08/19 12/20 OP X05

Lab MW 11:00 -12:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math>

Day 23625 MW 3:30 - 4:45 607 BELAUSTEGUI 08/19 12/20 OP X06

Lab MW 5:00 - 6:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math>

Eve 22362 MW 6:30 - 7:45 607 HORNE 08/19 12/20 OP X93

Lab MW 8:00 - 9:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math>

Eve 23626 TTh 6:30 - 7:45 607 TERUYA 08/19 12/20 OP X94

Lab TTh 8:00 - 9:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math>

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MATH 110 ELEMENTARY ALGEBRA

4.0 Units

Elementary algebra concepts, including: real numbers and their properties; algebraic expressions; integer exponents; operations with polynomial expressions; operations with polynomial expressions; linear and quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and modeling

with linear and quadratic equations. Strongly Recommended: MATH 107 or MATH 107B or NMAT 207 with a minimum grade of C

- Day 22790 TTh 8:00 - 9:50 1003 MARSHALL 08/19 12/20 OP V01  
A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.  
Consult with the instructor or bookstore before registering for this course.
- Day 23627 TTh 9:30 -11:20 607 GRAHAM 08/19 12/20 OP X01  
This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>
- Day 22793 TTh 12:30 - 2:20 607 POWERS 08/19 12/20 OP X02  
This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>
- Day 23628 MW 12:30 - 2:20 607 BELAUSTEGUI08/19 12/20 OP X03  
This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>
- Day 23629 TTh 3:30 - 5:20 607 BELAK 08/19 12/20 OP X04  
This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>
- Day 22794 MW 9:30 -11:20 607 POWERS 08/19 12/20 OP X05  
This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>
- Day 22795 MW 3:30 - 5:20 607 BELAUSTEGUI08/19 12/20 OP X06  
This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>
- Eve 23630 MW 6:30 - 8:20 607 HORNE 08/19 12/20 OP X93  
This course is taught in the Math Emporium, a self- accelerated, guided,

independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>

Eve 22801 TTh 6:30 - 8:20 607 TERUYA 08/19 12/20 OP X94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>

\*\*\*\*\*MUSIC LPC

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MUS 1 INTRODUCTION TO MUSIC 3.0 Units

Music for enjoyment and understanding through informed listening, analysis, evaluation and discernment of musical elements, forms, and repertoire. Attendance at concerts and listening to a variety of music may be required.

Day 20995 TTh 9:30 -10:45 4138 ZIMMERMAN 08/19 12/20 GR V01

Day 22010 MW 9:30 -10:50 4138 ZIMMERMAN 08/19 12/20 GR V02

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MUS 4 JAZZ IN AMERICAN CULTURE 3.0 Units

History, trends, and influences of the phenomenon of jazz through integration of the cultures of (but not limited to) African-American, European-American and the Latin-American communities. Required listening, reading and concert attendance will guide the student to value jazz as a form of self-expression and improve the ability to listen and understand the various eras in jazz from pre-Dixieland to present day.

Day 20403 TTh 11:00 -12:15 4138 DEVINE 08/19 12/20 GR V01

Day 22181 TTh 12:30 - 1:45 4138 DEVINE 08/19 12/20 GR V02

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MUS 5 AMERICAN CULTURES IN MUSIC 3.0 Units

Music in twentieth century United States through the study of contributions of three selected groups from the following: African-Americans, Latin-Americans, Asian-Americans, European-Americans, and Native Americans. Emphasis on understanding diverse styles, and on integrating these styles into American

music. Concert, religious, and folk-pop music will be included.

Web 20330 By Arr 3.0 Hrs/Wk ONLINE CEFALO 08/19 12/20 OP DE1  
MUS 5-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

Web 20590 By Arr 3.0 Hrs/Wk ONLINE MARSCHAK 08/19 12/20 OP DE2  
MUS 5-DE2 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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MUS 6 BASIC MUSIC SKILLS 2.0 Units

Essentials of music through notation, time elements, melody, harmony, and tonality, texture, dynamics and knowledge of the keyboard. Sight singing and ear training.

Day 20646 TTh 9:30 -10:45 4226 SILVA 08/19 12/20 OP V01

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MUS 8A THEORY AND MUSICIANSHIP 1 4.0 Units

Elements of diatonic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Includes keys, modes, scales, tonality, intervals, solfeggio, consonance/dissonance, rhythmic organization, chord structure, chord and interval recognition, melodic and rhythmic dictation, voice leading principles, non-chord tones, four-part voice leading with selected primary and secondary chords, and figured bass realization. Strongly Recommended: MUS 6, MUS 21A with a minimum grade of C

Day 20340 MW 12:30 - 2:20 4130 BREKKE 08/19 12/20 OP V01  
Lab Fri 11:30 -12:20 4130 08/19 12/20 OP

MUS 8A-V01 is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit  
<http://www.laspositascollege.edu/honors>

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MUS 10A THEORY AND MUSICIANSHIP 3 4.0 Units

This course incorporates the concepts from the Mus 8 series. In addition, through analysis and composition, the course will include: introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords;

modulation; borrowed chords; introduction to Neapolitan and augmented-sixth chords. Mus 10A also applies and develops the rhythmic, melodic, and harmonic materials of the musicianship portion of Mus 8 series through ear training, sight singing, analysis, and dictation. Prerequisite: MUS 8B with a minimum grade of C

Day 20344 MWF 10:30 -11:20 4226 MARSCHAK 08/19 12/20 OP V01  
Lab MW 11:30 -12:20 4226 08/19 12/20 OP

MUS 10A-V01 is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit <http://www.laspositascollege.edu/honors> for more information.

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MUS 14 JAZZ WORKSHOP 1.0 Units

Reading, preparation and performance of contemporary Jazz music. Opportunity to apply improvisation techniques in a group setting.

Eve 20350 Lab Mon 6:00 - 8:50 4138 LA BARRE 08/19 12/20 OP 093  
Enrollment by audition only.

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MUS 15 JAZZ ENSEMBLE 1.0 Units

This course is for the study, rehearsal, and public performance of standard jazz ensemble literature, with an emphasis on the development of skills needed to perform within an ensemble. New literature will be studied each term so that different technical and artistic issues are addressed. Opportunities to arrange and compose for the ensemble as well as to conduct. Opportunity to apply improvisation techniques in a group setting.

Eve 20331 Lab Mon 6:00 - 8:50 4138 LA BARRE 08/19 12/20 OP 093  
Enrollment by audition only.

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MUS 16 PHILHARMONIC ORCHESTRA 1.0 Units

This course is for the study, rehearsal, and public performance of the standard Classical orchestra literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature is studied each semester so that different technical, historical and artistic issues are addressed. Attendance at all scheduled performances is required. Audition



required.

Eve 20428 Lab Wed 6:00 - 8:50 4138 CEFALO 08/19 12/20 OP 093  
Enrollment by audition only.

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MUS 17A JAZZ COMBO 1 1.0 Units

For instrumentalists who want experience in performing and interpreting small-group literature. The music literature will cover important aspects of Jazz band development and works of all styles and periods. Emphasis will be on articulations, stylistic differences, composition, arranging, and common performance practices of the various periods of music. Enrollment by audition only. Strongly Recommended: MUS 18A, MUS 6 with a minimum grade of C

Day 22182 Lab TTh 2:30 - 3:45 4138 MARSCHAK 08/19 12/20 OP V01  
Enrollment by Audition Only.

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MUS 17B JAZZ COMBO 2 1.0 Units

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

Day 22344 Lab TTh 2:30 - 3:45 4138 MARSCHAK 08/19 12/20 OP V01  
Enrollment by Audition Only.

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MUS 20A ELEMENTARY GUITAR 1.0 Units

Beginning guitar using a combination of folk and classic approaches to playing technique, utilizing basic scales and chords in first position, and music notation. Strongly Recommended: MUS 6 with a minimum grade of C

Day 22753 Lab Fri 11:00 - 1:50 4127 MANZI 08/19 12/20 OP V01

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MUS 20B STUDY OF GUITAR 1.0 Units

Development of skills and knowledge from Music 20A. Emphasis on playing techniques and performance. Designed for the intermediate and advanced

performer. Prerequisite: MUS 20A with a minimum grade of C

Day 22754 Lab Fri 11:00 - 1:50 4127 MANZI 08/19 12/20 OP V01

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MUS 20C ADVANCED GUITAR 1.0 Units

Development of skills and knowledge from Music 20B. Emphasis on advanced playing techniques and performance. Designed for the advanced performer. Prerequisite: MUS 20B with a minimum grade of C

Day 22755 Lab Fri 11:00 - 1:50 4127 MANZI 08/19 12/20 OP V01

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MUS 21A BEGINNING PIANO 1.0 Units

Group instruction in piano for the absolute beginner with emphasis on developing technique, reading music, and performing. Strongly recommended: MUS 6

Day 20333 Lab TTh 11:30 -12:45 4226 MARSCHAK 08/19 12/20 OP V01

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MUS 21B BEGINNING PIANO: INTERMEDIATE 1.0 Units

Development of skills learned in Music 21A. Emphasis on further development of technique and performance. Prerequisite: Mus 21A with a minimum grade of C

Day 20334 Lab TTh 11:30 -12:45 4226 MARSCHAK 08/19 12/20 OP V01

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MUS 22A SCORING FILM AND MULTIMEDIA 1 3.0 Units

Applications and techniques of composition and sound effects for film and other visual media. Musical and technical elements of producing digital audio tracks are covered. Strongly Recommended: MUS 35 with a minimum grade of C

Day 23246 MW 2:30 - 3:45 4226 GODOY 08/19 12/20 OP V01

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MUS 23A ELEMENTARY VOICE I 1.0 Units

Group singing with emphasis on solo performance. Tone production, breathing, diction, and interpretation in regard to song literature. Strongly Recommended: MUS 6

Day 20335 Lab TTh 11:00 -12:15 4130 WALKER 08/19 12/20 OP V01

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MUS 23B ELEMENTARY VOICE II 1.0 Units

Development of skills learned in Music 23A. Emphasis on further development of vocal production and performance. Prerequisite: MUS 23A with a minimum grade of C

Day 20336 Lab TTh 11:00 -12:15 4130 WALKER 08/19 12/20 OP V01

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MUS 28 KEYBOARD SKILLS 1.0 Units

Emphasis on correct harmonization of melodies with various styles of piano accompaniments; transposition; improvisation ; modulation; sight reading; principles of accompanying soloists and groups; ensemble playing; playing by ear. Frequent solo and ensemble performances in class. Intended for piano teachers or classroom music teachers. Strongly recommended: MUS 21B

Day 22500 Lab TTh 11:30 -12:45 4226 MARSCHAK 08/19 12/20 OP V01

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MUS 31 STUDY OF PIANO 1.0 Units

Development of functional piano skills. Designed for knowledge and skill of intermediate or advanced level. Prerequisite: MUS 21B with a minimum grade of C

Day 20337 Lab TTh 11:30 -12:45 4226 MARSCHAK 08/19 12/20 OP V01

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MUS 34 MUSIC IN FILM 3.0 Units

The class traces the history and development of film music through reading, lecture and film viewing. The its relationship to film have changed over the last century. Class includes discussion and evaluation of different

compositional styles and learning to listen critically to film scores while viewing movies.

Day 23247 MW 11:00 -12:15 4138 LA BARRE 08/19 12/20 OP V01

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MUS 36 INTERMEDIATE MUSIC TECHNOLOGY 3.0 Units

This course is the 2nd level course in the music technology series. Topics include intermediate/advanced computer skills, software-based sequencing, synthesis, MIDI, sampling, notation, principles of sound, microphones, introduction to digital audio, signal processing, mixers and mixing, recording principles, cables and interconnects, and audio in live performance.  
Prerequisite: MUS 35

Day 23248 TTh 1:00 - 2:15 4226 BREKKE 08/19 12/20 OP V01

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MUS 38 APPLIED LESSONS- BASS 1.0 Units

Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. Enrollment subject to a standardized audition demonstrating basic competencies in technique and musicianship in their major performance medium. Corequisites: MUS 8A or MUS 8B or MUS 10A or MUS 10B or MUS 12 or MUS 14 or MUS 15 or MUS 16 or MUS 45 or MUS 46A

Day 20338 Lab By Arr 3.0 Hrs/Wk tba SCHULZ 08/19 12/20 OP V01  
Music 38 requires enrollment in lessons with a private music instructor

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MUS 38 APPLIED LESSONS- BASSOON 1.0 Units

Day 23106 Lab By Arr 3.0 Hrs/Wk tba BRUNNER 08/19 12/20 OP V02

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MUS 38 APPLIED LESSONS- CELLO 1.0 Units

Day 23107 Lab By Arr 3.0 Hrs/Wk tba IVRY 08/19 12/20 OP V03

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MUS 38 APPLIED LESSONS- COMPOSITION 1.0 Units

Day 23108 Lab By Arr 3.0 Hrs/Wk tba LA BARRE 08/19 12/20 OP V04

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MUS 38 APPLIED LESSONS- DRUMS 1.0 Units

Day 23110 Lab By Arr 3.0 Hrs/Wk tba RODRIGUEZ 08/19 12/20 OP V06

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MUS 38 APPLIED LESSONS- GUITAR 1.0 Units

Day 23111 Lab By Arr 3.0 Hrs/Wk tba MANZI 08/19 12/20 OP V07

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MUS 38 APPLIED LESSONS- HIGH STRINGS 1.0 Units

Day 23112 Lab By Arr 3.0 Hrs/Wk tba WISHNIA 08/19 12/20 OP V08

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MUS 38 APPLIED LESSONS- HORN 1.0 Units

Day 23113 Lab By Arr 3.0 Hrs/Wk tba GLASS 08/19 12/20 OP V09

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MUS 38 APPLIED LESSONS- LOW BRASS 1.0 Units

Day 23114 Lab By Arr 3.0 Hrs/Wk tba BAKER 08/19 12/20 OP V10

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MUS 38 APPLIED LESSONS- PERCUSSION 1.0 Units

Day 23115 Lab By Arr 3.0 Hrs/Wk tba DOWNING 08/19 12/20 OP V11

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MUS 38 APPLIED LESSONS- PIANO 1.0 Units

Day 23116 Lab By Arr 3.0 Hrs/Wk tba CEFALO 08/19 12/20 OP V12

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MUS 38 APPLIED LESSONS- JAZZ PIANO 1.0 Units

Day 23117 Lab By Arr 3.0 Hrs/Wk tba MARSCHAK 08/19 12/20 OP V13

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MUS 38 APPLIED LESSONS- TRUMPET 1.0 Units

Day 23118 Lab By Arr 3.0 Hrs/Wk tba SILVA 08/19 12/20 OP V14

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MUS 38 APPLIED LESSONS- VOICE 1.0 Units

Day 23119 Lab By Arr 3.0 Hrs/Wk tba BREKKE 08/19 12/20 OP V15

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MUS 38 APPLIED LESSONS- JAZZ VOICE 1.0 Units

Day 23120 Lab By Arr 3.0 Hrs/Wk tba BREKKE 08/19 12/20 OP V16

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MUS 38 APPLIED LESSONS- WOODWINDS 1.0 Units

Day 23121 Lab By Arr 3.0 Hrs/Wk tba DEVINE 08/19 12/20 OP V17

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MUS 38 APPLIED LESSONS- FLUTE 1.0 Units

Day 23249 Lab By Arr 3.0 Hrs/Wk tba LAI 08/19 12/20 OP V18

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MUS 38 APPLIED LESSONS- OBOE 1.0 Units

Day 23250 Lab By Arr 3.0 Hrs/Wk tba HENDERSON 08/19 12/20 OP V19

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MUS 44 CONCERT CHOIR 1.0 Units

Development of sufficient vocal and music ability to interpret and perform a variety of vocal chamber music. Designed for singers with choral ensemble experience. Audition required.

Eve 23251 Lab Tue 6:00 - 8:50 4130 WALKER 08/19 12/20 OP 093

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MUS 45 CHAMBER CHOIR 1.0 Units

Development vocal and musical ability to effectively study, interpret, and perform choral literature. Designed for vocalists with previous classical ensemble experience. Strongly Recommended: MUS 6, MUS 44 with a minimum grade of C

Eve 20332 Lab TTh 4:30 - 5:45 4130 BREKKE 08/19 12/20 OP 093

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MUS 46A BEGINNING JAZZ CHOIR 1.0 Units

The various aspects of performing in a vocal jazz ensemble. Emphasis on developing the rudiments of vocal jazz technique. Strongly Recommended: MUS 6

Eve 20339 Lab MW 4:30 - 5:45 4130 BREKKE 08/19 12/20 OP 093

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MUS 46B ADVANCED JAZZ CHOIR 1.0 Units

The various aspects of performing in a vocal jazz ensemble. Emphasis on developing advanced vocal jazz technique. Prerequisite: MUS 46A with a minimum grade of C

Eve 20774 Lab MW 4:30 - 5:45 4130 BREKKE 08/19 12/20 OP 093

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MUS 48 IMPROVISATION LAB 1.0 Units

This course exposes students to the fundamental concepts and skills any improviser needs to succeed in a group setting. The course is open to any instrumentalist or vocalist with no audition or experience in jazz required. The course is intended to prepare students for established advanced jazz ensembles and Vocal East. Emphasis will be on group activities, independent practice, basic theory concepts, and performance. Strongly Recommended: MUS 6 or MUS 8A with a minimum grade of C

Day 23252 Lab Th 6:00 - 8:50 4138 DEVINE 08/19 12/20 OP V01

\*\*\*\*\*NONCREDIT ESL- LPC

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NESL 220A INTERMEDIATE GRAMMAR READING 0.0 Units

This is the first semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to identify, comprehend, and use linguistic forms accurately, meaningfully and appropriately in reading and writing. The course focuses on types of sentences, clauses, and phrases, word order, verb forms, verb tenses, and on the connection between vocabulary and grammar. Students are advised to enroll concurrently in NESL 220A and NESL 221A, and ESL 123 or ESL 126. Prerequisite: NESL 230B or ESL 130B with a minimum grade of P or placement through the ESL assessment process

Eve 23730 Mon 6:30 - 9:20 1006 ONG 08/19 12/20 P/N N93

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NESL 220B HIGH-INTERMEDIATE GRAMMAR 0.0 Units

This is the second semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to use linguistic forms accurately, meaningfully and appropriately in written expression. The



course focuses on types of sentences, clauses, phrases, word order, verb forms, verb tenses, and on the connection between vocabulary and grammar. This course also emphasizes analyzing grammar and meaning and detecting and correcting grammatical errors. Students are advised to enroll concurrently in NESL 220B and NESL 221B, and ESL 123 or ESL 126. Prerequisite: NESL 220A or ESL 120A with a minimum grade of P or placement through the ESL assessment process

Eve 23731 Mon 6:30 - 9:20 1060 MILLS 08/19 12/20 P/N N93

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NESL 231A BEGINNING READING AND WRITING 0.0 Units

This is the first semester of a one-year course in beginning academic writing and reading. Classes will focus on writing simple and compound sentences in short paragraphs, on developing strategies for increasing reading comprehension and flexibility, on interactive reading, and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks. Students are advised to enroll concurrently in NESL 231A and NESL 230A, and ESL 133 or ESL 136. Strongly Recommended: Appropriate skill level demonstrated through the ESL assessment process

Day 23863 MW 9:00 -11:50 4130 BARLOW 08/19 12/20 P/N V02  
Mon 12:00 -12:50 1053 08/19 12/20 P/N

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NESL 231B HIGH- BEG. READING AND WRITING 0.0 Units

This is the second semester of a one-year course in beginning academic writing and reading. Classes will focus on writing simple, compound, and complex sentences in structured paragraphs, on developing strategies for increasing reading comprehension and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks. Students are advised to enroll concurrently in NESL 231B and NESL 230B, and ESL 133 or ESL 136. Prerequisite: NESL 231A or ESL 131A with a minimum grade of Pass or Placement through ESL assessment process

Eve 23729 MW 6:30 - 9:20 1051 PAYNE 08/19 12/20 P/N N93  
Lab Wed 5:20 - 6:30 600 08/19 12/20 P/N

\*\*\*\*\*NONCREDIT ENGLISH- LPC

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NENG 204 READING AND WRITING II 0.0 Units

An accelerated one-semester preparation in English for success in college. Integrates reading, critical thinking and writing assignments, using materials that present a variety of perspectives from across the curriculum.

Day 23750 MW 11:00 -12:15 401A EAGAN 08/19 12/20 P/N N01  
Lab MW 12:25 - 1:40 401A 08/19 12/20 P/N  
Day 23751 TTh 11:00 -12:15 401A DRY 08/19 12/20 P/N N02  
Lab TTh 12:25 - 1:40 401A 08/19 12/20 P/N  
Eve 23752 MW 6:00 - 7:15 401B PARK 08/19 12/20 P/N N93  
Lab MW 7:25 - 8:40 401B 08/19 12/20 P/N

\*\*\*\*\*NONCREDIT HORTICULTURE-LPC

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NHRT 201 FUNDAMENTALS OF HORTICULTURE 0.0 Units

This is an eight week short-term vocational horticulture course with lessons and lab activities are designed for students that have difficulty in a traditional classroom setting. Students will learn basic horticultural skills used in landscape, nursery, organic garden, and greenhouse settings. Safety training will be incorporated throughout the course.

Eve 23866 TTh 4:00 - 6:00 503 FULLER 09/17 11/07 P/N LE1

\*\*\*\*\*NONCREDIT MATH- LPC

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NMAT 200C CONCURRENT SUPPORT SLAM MATH 0.0 Units

Concurrent Support for SLAM Math is for students interested in disciplines that require Statistics and Liberal Arts Mathematics (SLAM) courses. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as Statistics and Mathematics for Liberal Arts, and Finite Mathematics. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course. Corequisite: MATH 40 or MATH 47 or MATH 33 This is a one-way corequisite for Math 40. Everyone taking this NMAT 200C concurrent support course must be taking a Math 40, 47 or 33 class concurrently. However, not everyone taking Math 40, Math 47 or Math 33 would have to take this NMAT 200C concurrent support course.

- Day 23818 Lab MWF 8:30 - 9:20 601 Staff - LP08/19 12/20 P/N C01  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).
- Day 23819 Lab MWF 9:30 -10:20 601 Staff - LP08/19 12/20 P/N C02  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).
- Day 23820 Lab MWF 10:30 -11:20 601 SINGH 08/19 12/20 P/N C03  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).
- Day 23821 Lab MW 2:00 - 3:15 601 BADAL 08/19 12/20 P/N C04  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).
- Day 23822 Lab MW 3:30 - 4:45 601 BADAL 08/19 12/20 P/N C05  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

- Day 23824 Lab TTh 9:00 -10:15 601 PETERSON 08/19 12/20 P/N C07  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).
- Day 23825 Lab TTh 10:30 -11:45 601 PETERSON 08/19 12/20 P/N C08  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).
- Day 23826 Lab TTh 3:00 - 4:15 601 YOUNG 08/19 12/20 P/N C09  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).
- Eve 23823 Lab MW 6:00 - 7:15 601 ZENG 08/19 12/20 P/N C06  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).
- Eve 23827 Lab TTh 6:00 - 7:15 601 STRAUS 08/19 12/20 P/N C10  
NMAT 200C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 40, Math 47 or Math 33. This course is designed to prepare students for the rigor of the SLAM (Statistics, Liberal Arts Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).

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**NMAT 201C CONCURRENT SUPPORT BSTEM MATH****0.0 Units**

Concurrent Support for BSTEM Math is for students interested in Business, Science, Technology, Engineering and Mathematical fields. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as College Algebra, Trigonometry, and Business Calculus. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course. Corequisite: MATH 30 or MATH 39 or MATH 34 This is a one-way corequisite. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 30 or Math 39 or Math 34 would have to take this NMAT 201C concurrent support course.

Day 23828 Lab MWF 8:30 - 9:20 601 Staff - LP08/19 12/20 P/N C01

NMAT 201C is a **STRONGLY RECOMMENDED** support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Day 23829 Lab MWF 9:30 -10:20 601 MCHALE 08/19 12/20 P/N C02

NMAT 201C is a **STRONGLY RECOMMENDED** support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Day 23830 Lab MWF 10:30 -11:20 601 OLAVARRIETA08/19 12/20 P/N C03

NMAT 201C is a **STRONGLY RECOMMENDED** support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

- Day 23831 Lab MW 2:00 - 3:15 601 HOANG 08/19 12/20 P/N C04  
NMAT 201C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).
- Day 23832 Lab MW 3:30 - 4:45 601 NGUYEN 08/19 12/20 P/N C05  
NMAT 201C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).
- Day 23834 Lab TTh 9:00 -10:15 601 WOODS 08/19 12/20 P/N C07  
NMAT 201C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).
- Day 23835 Lab TTh 10:30 -11:45 601 WOODS 08/19 12/20 P/N C08  
NMAT 201C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).
- Day 23836 Lab TTh 3:00 - 4:15 601 Staff - LP08/19 12/20 P/N C09  
NMAT 201C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Eve 23833 Lab MW 6:00 - 7:15 601 NGUYEN 08/19 12/20 P/N C06

NMAT 201C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

Eve 23837 Lab TTh 6:00 - 7:15 601 MAITI 08/19 12/20 P/N C10

NMAT 201C is a STRONGLY RECOMMENDED support course for students currently enrolled in Math 30, Math 39 or Math 34. This course is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Math) transfer-level courses and learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C).

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NMAT 202C CONCURRENT SUPPORT FOR MATH

0.0 Units

This course is just-in-time concurrent support for students enrolled in a first-level transfer course, such as Statistics, College Algebra, Trigonometry, Business Calculus, Mathematics for Liberal Arts, and Finite Mathematics. The support course is noncredit, open entry/open exit. The content will prepare students for the rigor the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant basic and secondary education prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts to their concurrent math course. The course design is to meet the needs of a variety of students, such as students who desire formal, regular ongoing learning supports, students wishing self-place into transfer-level mathematics courses as defined by AB 705, and students who are repeating the course for the second or third time. The support course includes a review of basic and secondary level math relevant to their college-level course, provides study strategies to promote understanding and improve performance, and more in-depth investigation of core concepts that are difficult for students to master and learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more. Corequisite: MATH 30 or MATH 39 or MATH 34 or MATH 40 or MATH 47 or MATH 33

Day 23838 Lab MWF 8:30 - 9:20 601 Staff - LP08/19 12/20 P/N C01

NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.

- Day 23839 Lab MWF 9:30 -10:20 601 Staff - LP08/19 12/20 P/N C02  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.
- Day 23840 Lab MWF 10:30 -11:20 601 SINGH 08/19 12/20 P/N C03  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.
- Day 23841 Lab MW 2:00 - 3:15 601 BADAL 08/19 12/20 P/N C04  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.
- Day 23842 Lab MW 3:30 - 4:45 601 BADAL 08/19 12/20 P/N C05  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.
- Day 23844 Lab TTh 9:00 -10:15 601 PETERSON 08/19 12/20 P/N C07  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.
- Day 23845 Lab TTh 10:30 -11:45 601 PETERSON 08/19 12/20 P/N C08  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.
- Day 23846 Lab TTh 3:00 - 4:15 601 YOUNG 08/19 12/20 P/N C09  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.
- Eve 23843 Lab MW 6:00 - 7:15 601 ZENG 08/19 12/20 P/N C06  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.
- Eve 23847 Lab TTh 6:00 - 7:15 601 STRAUS 08/19 12/20 P/N C10  
 NMAT 202C provides just-in-time math and learning support for students enrolled in a math course.

NMAT 207 PRE-ALGEBRA

0.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of arithmetic, operations involving signed integers, fractions, and decimals, variables and proportion, introduction to statistics, geometry and measurement, and application problems. Students can petition to get credit for the credit Math 107 course by examination.

- Day 23786 TTh 9:30 -10:45 607 GRAHAM 08/19 12/20 OP X01  
 Lab TTh 11:00 -12:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered



for credit (MATH 107) or for tuition- tuition-free noncredit (NMAT 207).

Day 23787 TTh 12:30 - 1:45 607 POWERS 08/19 12/20 OP X02

Lab TTh 2:00 - 3:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 107) or for tuition- free noncredit (NMAT 207).

Day 23792 MW 12:30 - 1:45 607 BELAUSTEGUI08/19 12/20 OP X03

Lab MW 2:00 - 3:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 107) or for tuition- free noncredit (NMAT 207).

Day 23793 TTh 3:30 - 4:45 607 BELAK 08/19 12/20 OP X04

Lab TTh 5:00 - 6:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 107) or for tuition- free noncredit (NMAT 207).

Day 23794 MW 9:30 -10:45 607 POWERS 08/19 12/20 OP X05

Lab MW 11:00 -12:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 107) or for tuition- free noncredit (NMAT 207).

Day 23795 MW 3:30 - 4:45 607 BELAUSTEGUI08/19 12/20 OP X06

Lab MW 5:00 - 6:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 107) or for tuition- free noncredit (NMAT 207).

Eve 23796 MW 6:30 - 7:45 607 HORNE 08/19 12/20 OP X93

Lab MW 8:00 - 9:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required

to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 107) or for tuition- free noncredit (NMAT 207).

Eve 23797 TTh 6:30 - 7:45 607 TERUYA 08/19 12/20 OP X94  
Lab TTh 8:00 - 9:15 607 08/19 12/20 OP

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 107) or for tuition- free noncredit (NMAT 207).

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NMAT 210 ELEMENTARY ALGEBRA

0.0 Units

Elementary algebra concepts, including: real numbers and their properties; algebraic expressions; integer exponents; operations with polynomial expressions; linear and quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and modeling with linear and quadratic equations. Students can petition to get credit for the Math 110 Elementary Algebra course by examination. Strongly Recommended: NMAT 207 or MATH 107 or MATH 107B

with

a minimum grade of C

Day 23798 TTh 8:00 - 9:50 1003 MARSHALL 08/19 12/20 OP V01

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials.

Consult with the instructor or bookstore before registering for this course.

This class is offered for credit (MATH 110) or for tuition-free noncredit (NMAT 210).

Day 23799 TTh 9:30 -11:20 607 GRAHAM 08/19 12/20 OP X01

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 110) or for tuition-free noncredit (NMAT 210).

Day 23800 TTh 12:30 - 2:20 607 POWERS 08/19 12/20 OP X02

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered

for credit (MATH 210) or for tuition- free noncredit (NMAT 210).

Day 23801 MW 12:30 - 2:20 607 BELAUSTEGUI08/19 12/20 OP X03

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 210) or for tuition- free noncredit (NMAT 210).

Day 23802 TTh 3:30 - 5:20 607 BELAK 08/19 12/20 OP X04

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 210) or for tuition- free noncredit (NMAT 210).

Day 23803 MW 9:30 -11:20 607 POWERS 08/19 12/20 OP X05

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 210) or for tuition- free noncredit (NMAT 210).

Day 23804 MW 3:30 - 5:20 607 BELAUSTEGUI08/19 12/20 OP X06

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 210) or for tuition- free noncredit (NMAT 210).

Eve 23806 MW 6:30 - 8:20 607 HORNE 08/19 12/20 OP X93

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 210) or for tuition- free noncredit (NMAT 210).

Eve 23807 TTh 6:30 - 8:20 607 TERUYA 08/19 12/20 OP X94

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information go to the Mathematics Department website <http://www.laspositascollege.edu/math> This class is offered for credit (MATH 210) or for tuition- free noncredit (NMAT 210).

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**NMAT 250 INTERMEDIATE ALGEBRA FOR SLAM****0.0 Units**

This is an Intermediate Algebra course for students interested in fields of study that require Statistics or Liberal Arts Mathematics (SLAM). Intermediate algebra concepts will be explored in the context of the function. Function concepts covered include: distinction between functions and relations, domain and range, function notation, multiple representation of functions, behavior of functions, operations with functions (including composition), one-to-one functions, and invertible functions. Types of functions considered: polynomial, rational, radical, exponential and logarithmic functions. The course includes an introduction to probability, counting and quantitative data. Standards for mathematical practice, applications of functions, and modeling with functions are emphasized throughout. Strongly Recommended: NMAT 210 or MATH 110 or MATH 110B with a minimum grade of C

Day 23732 TTh 8:00 - 9:15 503 ALMEIDA 08/19 12/20 OP V01

Lab TTh 9:25 -10:40 503 08/19 12/20 OP

A TI-84 or TI-83 calculator or internet-based software will be required for all sections of this course. There may be a fee associated with these materials. Consult with the instructor before purchasing materials for this course. The class is offered for credit (MATH 50) or for tuition-free noncredit (NMAT 250).

Day 23733 MWF 2:00 - 2:50 1001 FIROUZI 08/19 12/20 OP V02

Lab MWF 3:00 - 3:50 1001 08/19 12/20 OP

A TI-84 or TI-83 calculator or internet-based software will be required for all sections of this course. There may be a fee associated with these materials. Consult with the instructor before purchasing materials for this course. The class is offered for credit (MATH 50) or for tuition-free noncredit (NMAT 250).

Eve 23734 TTh 6:30 - 7:45 1003 LOPEZ 08/19 12/20 OP 093

Lab TTh 8:00 - 9:15 1003 08/19 12/20 OP

This course is specifically designed for Early Care and Education majors. The content of this course will be contextualized to the early childhood profession and its teachers. A TI-84 or TI-83 calculator or internet-based software will be required for all sections of this course. There may be a fee associated with these materials. Consult with the instructor before purchasing materials for this course. The class is offered for credit (MATH 50) or for tuition-free noncredit (NMAT 250).

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**NMAT 255 INTERMEDIATE ALGEBRA FOR BSTEM****0.0 Units**

Intermediate Algebra concepts, in the service of Business, Science, Technology, Engineering and Math fields (BSTEM), will be explored in this course including:

an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. Students can petition to get credit for the Math 55 Intermediate Algebra for BSTEM course by examination. Strongly Recommended: NMAT 210 or MATH 110 or MATH 110B with a minimum grade of C

Day 23754 MWF 9:30 -10:50 1004 WOODS 08/19 12/20 OP C11

You must also enroll in NMAT 255C- C11. NMAT 255- C11 is designed specifically for students pursuing a degree or transfer in a STEM Field, with emphasis towards supporting the completion of the A.S. Engineering Technology degree. The material in this course therefore will be heavily contextualized in STEM applications, with emphasis in engineering technology. This course must be taken concurrently with NMAT 255C- C11, a noncredit support course that will prepare students for the rigor of the STEM pathways and learning skills necessary to succeed in college courses. Ideally students that enroll in this section are also interested in enrolling in the fast-tracked Math 30: College Algebra for STEM and Math 39: Trigonometry course offered in an 8-week, 8-week mode the following Spring. This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23755 MWF 11:30 -12:55 1003 MCHALE 08/19 12/20 OP C12

You must also enroll in NMAT 255C- C12. NMAT 255- C12 is designed specifically for students pursuing a degree or transfer in a STEM Field, with emphasis towards supporting the completion of the A.S. Engineering Technology degree. The material in this course therefore will be heavily contextualized in STEM applications, with emphasis in engineering technology. This course must be taken concurrently with NMAT 255C- C11, a noncredit support course that will prepare students for the rigor of the STEM pathways and learning skills necessary to succeed in college courses. Ideally students that enroll in this section are also interested in enrolling in the fast-tracked Math 30: College Algebra for STEM and Math 39: Trigonometry course offered in an 8-week, 8-week mode the following Spring. This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23766 MW 12:30 - 1:50 1002 AUGUST 08/19 12/20 OP HD1

By Arr 2.5 Hrs/Wk ONLINE 08/19 12/20 OP

NMAT 255-HD1 is a hybrid course. Students will meet on campus at the day and time indicated above. Students will be required to complete the remainder of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning> A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course.

There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23756 TTh 8:00 -10:15 1814 POWERS 08/19 12/20 OP V01

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course. This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23757 TTh 9:30 -11:45 607 GRAHAM 08/19 12/20 OP X01

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23758 TTh 12:30 - 2:45 607 POWERS 08/19 12/20 OP X02

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23759 MW 12:30 - 2:45 607 BELAUSTEGUI08/19 12/20 OP X03

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23760 TTh 3:30 - 5:45 607 BELAK 08/19 12/20 OP X04

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23761 MW 9:30 -11:45 607 POWERS 08/19 12/20 OP X05

This course is taught in the Math Emporium, a self- accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Day 23762 MW 3:30 - 5:45 607 BELAUSTEGUI08/19 12/20 OP X06

This course is taught in the Math Emporium, a self- accelerated, guided,

independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Eve 23763 MW 7:30 - 9:45 1003 HOANG 08/19 12/20 OP 093

A TI-84 or TI-83 calculator or internet-based software will be required for all sections of this course. There may be a fee associated with these materials. Consult with the instructor before purchasing materials for this course. The class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Eve 23764 MW 6:30 - 8:45 607 HORNE 08/19 12/20 OP X93

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

Eve 23765 TTh 6:30 - 8:45 607 TERUYA 08/19 12/20 OP X94

This course is taught in the Math Emporium, a self-accelerated, guided, independent learning mode. Students registering for this section are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium> This class is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).

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NMAT 255C CONCURRENT SUPPORT INT.ALGEBRA

0.0 Units

This course is concurrent support for Intermediate Algebra. The course is designed to provide additional, formal support to students who are currently taking an Intermediate Algebra. It includes a review of arithmetic, algebraic and geometric concepts that are relevant to their Intermediate Algebra course, study strategies that promote understanding and improve performance, and more in-depth investigation of core concepts that are difficult for students to master. Embedded are learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more.

Corequisite: NMAT 255 This is a one-way corequisite for NMAT 255. Everyone taking this NMAT 255C concurrent support course must be taking a NMAT 255 class concurrently. However, not everyone taking NMAT 255 would have to take this NMAT 255C concurrent support course. or Corequisite: MATH 55 This is a one-way corequisite for MATH 55. Everyone taking this NMAT 255C concurrent support course must be taking a MATH 55 class concurrently. However, not everyone taking Math 55 would have to take this NMAT 255C concurrent support course. or Corequisite: NMAT 250 This is a one-way corequisite for NMAT 250.

Everyone taking this NMAT 255C concurrent support course must be taking a NMAT 250 class concurrently. However, not everyone taking NMAT 250 would have to take this NMAT 255C concurrent support course. or Corequisite: MATH 50 This is a one-way corequisite for MATH 50. Everyone taking this NMAT 255C concurrent support course must be taking a Math 50 class concurrently. However, not everyone taking MATH 50 would have to take this NMAT 255C concurrent support course.

Day 23784 Lab MWF 11:00 -11:50 1004 WOODS 08/19 12/20 P/N C11

You must also enroll in NMAT 255-C11. NMAT 255C-C11 is specifically for students enrolled in NMAT 255-C11. This support course is designed to prepare students for the rigor of the STEM pathways and learning skills necessary to succeed in college courses. Ideally students that enroll in this section of NMAT 255 + 255C-C11 are also interested in enrolling in the fast-track Math 30: College Algebra for STEM and Math 39: Trigonometry courses offered in an 8-week, 8-week mode the following Spring.

Day 23785 Lab MWF 1:00 - 1:50 1003 MCHALE 08/19 12/20 P/N C12

You must also enroll in NMAT 255-C12. NMAT 255C-C12 is specifically for students enrolled in NMAT 255-C12. This support course is designed to prepare students for the rigor of college-level work and the learning skills necessary to succeed in college courses.

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NMAT 260A MATH JAM INTRO TO TUTORING

0.0 Units

Math Jam is designed to help students prepare for their upcoming math class. This Math Jam Tutor Training course is designed to train tutors prior to Math Jam in strategies for effectively engaging students in learning difficult math concepts. Tutors will learn about intelligent practices for mastering material and how to navigate in the online course environment participants will be using during Math Jam. This is designed for students who are interested in becoming a paid mathematics tutor at Las Positas College or in any educational capacity.

Day 23856 Sat 9:30 -12:00 tba WOODS 08/10 08/10 P/N M01

By Arr 1.5 Hrs/Wk ONLINE 08/10 08/10 P/N

Math Jam Tutor Training course is designed to train tutors prior to Math Jam in strategies for effectively engaging students in learning difficult math concepts and should be taken with NMAT 260B. Tutors will learn about intelligent practices for mastering material and how to navigate in the online course environment participants will be using during Math Jam. This is an excellent first course for students who are interested in becoming a paid mathematics tutor at Las Positas College or in any educational capacity. Students who complete NMAT 260A and 260B can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.



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NMAT 260B MATH JAM FOR TUTORS

0.0 Units

Math Jam is designed to help students prepare for their upcoming math class. This Math Jam Tutor Training course supports tutors during Math Jam to apply strategies for effectively engaging students in learning difficult math concepts with participants. Tutors apply knowledge around intelligent practices for mastering material as they tutor participants during Math Jam. This is an excellent second course for students who are interested in becoming a paid mathematics tutor at Las Positas College or in any educational capacity.

Day 23857 MTWTh 3:00 - 3:50 2401 WOODS 08/12 08/16 P/N M01  
By Arr 1.0 Hrs/Wk ONLINE 08/12 08/16 P/N

This Math Jam Tutor Training course supports tutors during Math Jam to apply strategies for effectively engaging students in learning difficult math concepts with participants and should be taken with 260A. Tutors apply knowledge around intelligent practices for mastering material as they tutor participants during Math Jam. This is an excellent second course for students who are interested in becoming a paid mathematics tutor at Las Positas College or in any educational capacity. Students who complete NMAT 260A and 260B can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.

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NMAT 261 MATH JAM FOR PREALGEBRA PREP

0.0 Units

Math Jam is a noncredit program designed to help students prepare for their upcoming math class at a community college. Embedded are essential study and life skills to develop each student holistically, including learning skills and career development. Students will be learning arithmetic and Prealgebra material with the goal of preparing them to be successful in their upcoming class. It is strongly recommended that students taking this course be enrolled in a community college math course.

Day 23848 Lab Daily 9:00 - 3:00 2401 BELAK 08/12 08/16 P/N M01

Math Jam for Prealgebra is a 1-week support course prior to the start of the semester for students who wish to review foundational prealgebra concepts prior to the start of the semester. This course is designed to prepare students to register for their math courses with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. Students who attend two NMAT Math Jams can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.

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NMAT 263 MATH JAM INTER.ALGEBRA PREP

0.0 Units

Math Jam is a noncredit program designed to help students prepare for their upcoming math class at a community college. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning elementary algebra material with the goal of preparing them to be successful in their upcoming class. It is strongly recommended that students taking this course are enrolled in a community college math course.

Day 23851 Lab Daily 9:00 - 3:00 2401 OWENS 08/12 08/16 P/N M01

Math Jam for Intermediate Algebra is a 1-week support course prior to the start of the semester for students who wish to review foundational elementary algebra concepts prior to the start of the semester. This course is designed to prepare students to register for their math courses with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. Students who attend two NMAT Math Jams can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.

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NMAT 264 MATH JAM FOR SLAM PREP

0.0 Units

Math Jam for SLAM Prep is for students preparing for math courses in Statistics and Probability or Mathematics for Liberal Arts. Math Jam is a FREE noncredit program designed to help students prepare for their upcoming math class at a community college. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning prerequisite algebraic and basic probability material with the goal of preparing them to be successful in their upcoming first-level transfer course of Statistics or Math for Liberal Arts class. It is strongly recommended that students taking this course be enrolled in Math 40: Statistics and Probability or Math 47: Mathematics for Liberal Arts at Las Positas College.

Day 23853 Lab Daily 9:00 - 3:00 2401 YOUNG 08/12 08/16 P/N M01

Math Jam for SLAM (Statistics, Liberal Arts Math) is a 1-week support course prior to the start of the semester for students who wish to prepare for their upcoming Math 40 or Math 47 transfer-level course prior to the start of the semester. This course is designed to prepare students to register for their transfer-level math courses with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. Students who attend two NMAT Math Jams can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.

Day 23862 Lab Daily 9:00 - 3:00 2401 SINGH 08/12 08/16 P/N M02

Math Jam for SLAM (Statistics, Liberal Arts Math) is a 1-week support course prior to the start of the semester for students who wish to prepare for their upcoming Math 40 or Math 47 transfer-level course prior to the start of the semester. This course is designed to prepare students to register for their transfer-level math courses with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. Students who attend two NMAT Math Jams can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.

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NMAT 265 MATH JAM FOR BSTEM PREP

0.0 Units

Math Jam for BSTEM Prep is for students preparing for math courses in College Algebra, Trigonometry, Business Calculus and review prior to Calculus I. Math Jam is a noncredit program designed to help students prepare for their upcoming STEM focused math class at a community college. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning pre-transfer level material with the goal of preparing them to be successful in their upcoming class. It is strongly recommended that students taking this course are enrolled in a community college math course.

Day 23854 Lab Daily 9:00 - 3:00 2401 FRATES 08/12 08/16 P/N M01

Math Jam for BSTEM (Business, Science, Technology, Engineering and Math) is a 1-week support course prior to the start of the semester for students who wish to prepare for their upcoming Math 30, Math 39 or Math 34 transfer-level course prior to the start of the semester. This course is designed to prepare students to register for their transfer-level math courses with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. Students who attend two NMAT Math Jams can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.

Day 23855 Lab Daily 9:00 - 3:00 2401 OLAVARRIETA08/12 08/16 P/N M02

Math Jam for BSTEM (Business, Science, Technology, Engineering and Math) is a 1-week support course prior to the start of the semester for students who wish to prepare for their upcoming Math 30, Math 39 or Math 34 transfer-level course prior to the start of the semester. This course is designed to prepare students to register for their transfer-level math courses with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. Students who attend two NMAT Math Jams can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.

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NMAT 262 MATH JAM FOR ELEM.ALGEBRA PREP

0.0 Units

Math Jam is a noncredit program designed to help students prepare for their upcoming math class at a community college. Embedded are essential study and life skills to develop each student holistically, including learning skills and career development. Students will be learning prealgebra material with the goal of preparing them to be successful in their upcoming class. It is strongly recommended that students taking this course be eligible for and enrolled in a community college math course.

Day 23849 Lab Daily 9:00 - 3:00 2401 BELAK 08/12 08/16 P/N M01  
Math Jam for Elementary Algebra is a 1-week support course prior to the start of the semester for students who wish to review foundational elementary algebra concepts prior to the start of the semester. This course is designed to prepare students to register for their math courses with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. Students who attend two NMAT Math Jams can earn a noncredit Certificate of Completion. NMAT courses are tuition-free and noncredit.

\*\*\*\*\*NONCREDIT TUTORING- LPC

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NTUT 200 SUPERVISED TUTORING 0.0 Units

Open-entry/open-exit supervised tutoring course provided to students requesting assistance or referred by a counselor or instructor. Tutoring is conducted in a learning center and is structured to strengthen student skills, reinforce student mastery, and help students achieve specific course objectives. Trained tutors and instructors will provide individualized/small group tutoring and learning assistance for basic skills, vocational skills, and academic subject matter areas including mathematics, English, science, social science, humanities and a variety of general education courses vital to the overall success and retention of students.

Day 23726 By Arr 5.0 Hrs/Wk tba TSUBOTA 08/19 12/20 P/N N01

\*\*\*\*\*NUTRITION

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NUTR 1 NUTRITION 3.0 Units

The basic science of nutrition including the nutrients, their functions, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health. For students majoring in the science and/or health fields. Strongly Recommended: CHEM 30A and MATH 110

Day 21240 TTh 11:00 -12:15 2204 VERNOGA 08/19 12/20 GR V01  
Day 21253 TTh 12:30 - 1:45 1059 VERNOGA 08/19 12/20 GR V02  
Day 21255 MW 11:00 -12:15 PE212 VERNOGA 08/19 12/20 GR V03  
Day 21814 TTh 2:00 - 3:15 2306 HIMMELSTEIN08/19 12/20 GR V04  
Day 22973 MW 12:30 - 1:45 PE212 VERNOGA 08/19 12/20 GR V06

Eve 23505 Mon 4:00 - 6:50 2204 VERNOGA 08/19 12/20 OP 093

Web 21705 By Arr 3.0 Hrs/Wk ONLINE POLOKOFF 08/19 12/20 GR DE1

NUTR 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22493 By Arr 3.0 Hrs/Wk ONLINE POLOKOFF 08/19 12/20 GR DE2

NUTR 1-DE2 is an online courses. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22503 By Arr 3.0 Hrs/Wk ONLINE POLOKOFF 08/19 12/20 GR DE3

NUTR 1-DE3 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

\*\*\*\*\*OCCUPATIONAL SAFETY AND HEALTH

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OSH 60 ELEMENTS OF INDUSTRIAL HYGIENE 3.0 Units

Introduction to the major occupational safety subject areas of Industrial Hygiene. This includes anticipation, recognition, evaluation, and control of workplace hazards; effects of toxic agents on the body; measurement of these agents; general methods for their control; as well as State and Federal regulatory requirements.

Eve 23228 Mon 7:00 - 9:50 1816 MCCONNELL 08/19 12/20 GR 093

\*\*\*\*\*PHILOSOPHY

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PHIL 1 GOD, NATURE, HUMAN NATURE 3.0 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

Day 20190 MW 9:30 -10:45 2460 ALVAREZ 08/19 12/20 GR V01  
Web 21971 By Arr 3.0 Hrs/Wk ONLINE YANG 08/19 12/20 GR DE1  
PHIL 1-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>  
Web 22021 By Arr 6.7 Hrs/Wk ONLINE TROXA 10/14 12/13 GR LO1  
PHIL 1-LO1 is a late start online fast track course. For more information, see  
the section titled "Online Learning," or go to  
<http://www.laspositascollege.edu/onlinelearning>

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PHIL 2 ETHICS 3.0 Units

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. Strongly Recommended: Eligibility for ENG 1A

Day 20118 TTh 12:30 - 1:45 2450 TROXA 08/19 12/20 GR V01  
Web 20346 By Arr 3.0 Hrs/Wk ONLINE ALVAREZ 08/19 12/20 GR DE1  
PHIL 2-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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PHIL 4 INTRO TO PHILOSOPHY: KNOWLEDGE 3.0 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

Day 20119 MW 11:00 -12:15 2205 ALVAREZ 08/19 12/20 GR V01

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PHIL 8 LOGIC AND ARGUMENTATION 4.0 Units

Logic and Argumentation. This course is designed to develop effective reasoning skills. Valid reasoning through formal deductive logic is

emphasized, but the course also covers meaning in language, fallacies, and inductive reasoning methods in philosophy, literature and the sciences. This course differs from Philosophy 6 (Introduction to Logic) in that it has a prerequisite of English 1A and involves the application of logical technique to a major research paper. Prerequisite: ENG 1A with a minimum grade of C

Day 23231 TTh 9:00 -10:50 2204 PETTIJOHN 08/19 12/20 GR V01

\*\*\*\*\*PHOTOGRAPHY LPC

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PHTO 50 INTRODUCTION TO PHOTOGRAPHY 3.0 Units

Introduction to the history and development of photography, basic processes, various types of cameras, materials, basic shooting, processing developing, and printing of photographs.

Day 20729 Mon 9:00 -10:50 713 HORVATH 08/19 12/20 OP V01

Lab Mon 11:00 -11:50 703 08/19 12/20 OP

Lab Wed 9:00 -11:50 703 08/19 12/20 OP

Students enrolled in PHTO 50 labs will be assessed a \$20 materials fee at registration.

Day 20731 Tue 1:00 - 2:50 713 HORVATH 08/19 12/20 OP V02

Lab Tue 3:00 - 3:50 703 08/19 12/20 OP

Lab Th 1:00 - 3:50 703 08/19 12/20 OP

Students registered in PHTO 50 will be assessed a \$20 materials fee at registration.

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PHTO 56 INTRO TO DIGITAL PHOTOGRAPHY 1.5 Units

The course covers basics for the beginner's use of digital cameras, film and flatbed scanners, and use of Adobe software for image adjustments. Exploration of digital photography compared with traditional photographic approaches and processes. Operation of Adobe digital imaging software for preparation of web site photos and print output, in both black and white and in color.

Day 20730 Sat 9:00 - 9:50 713 ANAYA 08/19 12/20 OP V01

Lab Sat 10:00 -11:50 713 08/19 12/20 OP

Students enrolled in PHTO 56 will be assessed a \$20 materials fee at registration.

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PHTO 58 INTRODUCTION TO VIDEOGRAPHY 3.0 Units

Introduction to the theory and practice of video production and desktop video editing including project production phases, time-based visual and sound design, digitizing footage, video output issues, working creatively in a collaborative environment, industry standards, using a Macintosh computer platform.

Day 20928 Fri 9:00 -10:50 713 HORVATH 08/19 12/20 OP V01

Lab Fri 11:00 - 1:50 713 08/19 12/20 OP

Students enrolled in PHTO 58 will be assessed a \$20 materials fee at registration.

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PHTO 60 INTERMED. BLACK & WHITE PHOTO 3.0 Units

Using exposure/development controls related to black and white negative materials. Development of intermediate/ advanced print making skills. Emphasis on visual and critical problems related to black and white photography. Strongly Recommended: PHTO 50 with a minimum grade of C

Eve 21125 Tue 6:00 - 7:15 713 HORVATH 08/19 12/20 OP 093

Lab Tue 7:30 - 8:50 703 08/19 12/20 OP

Lab Th 6:00 - 8:50 703 08/19 12/20 OP

\*\*\*\*\*PHYSICS

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PHYS 1A GENERAL PHYSICS I 5.0 Units

Introduction to the principles of Newtonian Mechanics and analytical methods of physics using calculus as needed. Topics covered include vectors, kinematics, forces, energy, momentum, rotation, and gravitation. (Previously PHYS 8A)  
Prerequisite: MATH 1 with a minimum grade of C

Day 22337 TTh 11:00 -12:50 1872 REHAGEN 08/19 12/20 GR V01

Lab Tue 1:00 - 3:50 1831 08/19 12/20 GR

Day 22338 TTh 11:00 -12:50 1872 REHAGEN 08/19 12/20 GR V02

Lab Th 1:00 - 3:50 1831 08/19 12/20 GR

Day 22339 MW 2:30 - 4:20 1826 PEZZAGLIA 08/19 12/20 GR V03

Lab Mon 4:30 - 7:20 1831 08/19 12/20 GR

Day 23501 MW 2:30 - 4:20 1826 PEZZAGLIA 08/19 12/20 GR V04

Lab Wed 4:30 - 7:20 1831 08/19 12/20 GR

Day 23942 TTh 11:00 -12:50 1871 Staff - LP08/19 12/20 GR V05



Lab Th 1:00 - 3:50 1822 08/19 12/20 GR

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PHYS 1B GENERAL PHYSICS II 5.0 Units

Introduction to fluid dynamics, oscillations, mechanical waves, thermodynamics, light and optics. (Previously PHYS 8C) Prerequisite: PHYS 1A and MATH 2 with a minimum grade of C.

Day 23242 TTh 11:00 -12:50 1816 HARPELL 08/19 12/20 GR V01

Lab Tue 1:00 - 3:50 1822 08/19 12/20 GR

Day 23243 TTh 11:00 -12:50 1816 HARPELL 08/19 12/20 GR V02

Lab Wed 4:30 - 7:20 1822 08/19 12/20 GR

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PHYS 1C GENERAL PHYSICS III 5.0 Units

Introduction to electricity and magnetism, circuits, Maxwell's equations and electromagnetic waves. (Previously PHYS 8B) Prerequisite: PHYS 1A and MATH 3 with a minimum grade of C (May be taken concurrently).

Day 22341 MW 9:00 -10:50 1816 REHAGEN 08/19 12/20 GR V01

Lab Fri 8:00 -10:50 1831 08/19 12/20 GR

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PHYS 2A INTRODUCTION TO PHYSICS I 4.0 Units

Introduction to the major principles of classical mechanics using pre-calculus mathematics. Includes Newtonian mechanics, energy, gravitation, fluids, thermodynamics, oscillations, and waves. Prerequisite: MATH 39 with a minimum grade of C

Day 21994 TTh 9:30 -10:45 1816 GONZALINAJE08/19 12/20 GR V01

Lab Wed 1:30 - 4:20 1831 08/19 12/20 GR

Day 22576 TTh 9:30 -10:45 1816 GONZALINAJE08/19 12/20 GR V02

Lab Fri 12:30 - 3:20 1831 08/19 12/20 GR

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PHYS 10 DESCRIPTIVE PHYSICS 3.0 Units

Motion, gravitation, heat, light, sound, electricity, magnetism, atoms, and nuclei. Present day scientific problems and developments such as alternative

energy sources, solar energy, nuclear power, lasers, relativity and black holes. Designed for non-majors in physical science. Prerequisite: MATH 55 with a minimum grade of C

Eve 22743 MW 12:00 - 1:15 2204 HARPELL 08/19 12/20 GR 093

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PHYS 10L DESCRIPTIVE PHYSICS LAB 1.0 Units

Introduction to laboratory principles and techniques with emphasis on the basic concepts of physics such as mechanics, thermodynamics, energy, electricity, magnetism, and optics. Prerequisite: MATH 55 with a minimum grade of C  
Corequisite: PHYS 10 (may also be taken after successful completion of PHYS 10)

Day 22744 Lab Wed 9:00 -11:50 1831 HARPELL 08/19 12/20 GR V01

\*\*\*\*\*POLITICAL SCIENCE LPC

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POLI 7 INTRO TO AMERICAN GOVERNMENT 4.0 Units

Introduction to the principles, problems and basic issues of government with particular emphasis on the national government in the United States, including discussion of the American Constitution, and California state and local government. Strongly Recommended: Eligibility for ENG 1A

Day 20557 MW 9:00 -10:50 2450 TORRES 08/19 12/20 OP V01

Day 21248 TTh 9:00 -10:50 2490 TORRES 08/19 12/20 OP V03

Day 20083 TTh 11:00 -12:50 104 JEN 08/19 12/20 OP V04

Day 23224 TTh 12:30 - 2:20 2490 TORRES 08/19 12/20 OP V05

Day 20357 TTh 2:00 - 3:50 2450 JEN 08/19 12/20 OP V06

Day 23225 MW 11:00 -12:50 1012 JEN 08/19 12/20 OP V07

Web 20439 By Arr 4.0 Hrs/Wk ONLINE GOUVEIA 08/19 12/20 OP DE1

POLI 7-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

Web 21546 By Arr 4.0 Hrs/Wk ONLINE HERTZ 08/19 12/20 OP DE2

POLI 7-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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POLI 20 COMPARATIVE GOVERNMENT 3.0 Units

Contemporary forms of government, institutions and political problems of selected national governments. Strongly Recommended: POLI 7 with a minimum grade of C Eligibility for ENG 1A

Day 23226 MW 11:00 -12:15 2450 TORRES 08/19 12/20 OP V01

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POLI 25 INTRO TO POLITICAL THEORY 3.0 Units

Various theoretical approaches to politics including selected aspects of political thought from ancient times to the present with application to current political thought. Strongly Recommended: Eligibility for ENG 1A, POLI 7 with a minimum grade of C

Day 22745 Mon 1:00 - 3:50 1052 JEN 08/19 12/20 OP V01

\*\*\*\*\*PSYCHOLOGY COUNSELING LPC

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PCN 3 THEORIES OF COUNSELING: INTRO 3.0 Units

This is an introductory course to the theories and concepts, as well as the historical foundations of counseling with an emphasis on fundamental principles of the therapeutic process. There will be a major focus on multicultural principles and major diagnostic categories, problems, and solutions relating to recovery in counseling. Ethics in counseling, as well as legal implications will also be introduced and examined.

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PCN 5 INTRO. SOCIAL WK & HUMAN SERV. 3.0 Units

An introductory overview of social welfare and the societal institutions in the U.S. that structure the provision of social services. The course presents a historical perspective on the development of U.S. social work and human services. Special attention is given to the evolution of social welfare programs and institutions, major U.S. court decisions, contemporary social problems, current service delivery systems, policies, procedures, and the tasks of culturally responsive social workers and human service workers within those settings. Strongly Recommended: ENG 1A completed with a grade of C  
Web 23304 By Arr 3.6 Hrs/Wk ONLINE LIRA 09/03 12/20 OP L01  
PCN 5-L01 is a late start, online course. For more information, see the

section titled "Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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PCN 10 CAREER AND EDUC. PLANNING 2.0 Units

Exploration of the concept of career, educational and life planning focusing on personal career development through self-assessment. Emphasis on clarification of individual interests, values, needs, abilities and decision making styles, investigation of occupational opportunities in the world of work, and introduction to job search strategies, resume writing and interview skills. Designed for those undecided or uncertain about their career and educational plans.

Day 22392 TTh 1:00 - 1:50 1602 KUBISCHTA 08/19 12/20 OP V01

Eve 22393 Wed 5:00 - 6:50 1641 OLIVEIRA 08/19 12/20 OP 093

Web 22394 By Arr 2.0 Hrs/Wk ONLINE LEE 08/19 12/20 OP DE1

PCN 10-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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PCN 13 MULTICULTURAL ISSUES: AMERICA 3.0 Units

Exploration of issues relating to the multicultural community in which we live today. Interpersonal relations and communication. Focus on improving individuals understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and misunderstandings. Discussion of four specific cultures or sub-cultures from the following groups: 1) African-American, 2) Asian-American, 3) Hispanic-American, 4) Native-American, 5) Middle Eastern-American, 6) European-American, 7) Gay/Lesbian American, 8) Disabled American.

Day 22396 TTh 9:30 -10:45 1641 GAGNON 08/19 12/20 OP V01

Eve 22395 TTh 4:00 - 5:30 1641 GECOX 09/03 12/20 OP LE1

PCN 13-LE1 is a late start course.

Web 22397 By Arr 3.0 Hrs/Wk ONLINE LIRA 08/19 12/20 OP DE1

PCN 13-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

Web 22399 By Arr 6.7 Hrs/Wk ONLINE LIRA 10/14 12/13 OP L01

PCN 13-L01 is an online 8 week late start fast-track course from Oct 14-Dec 13.

For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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**PCN 15 COLLEGE STUDY SKILLS 2.0 Units**

A review of study skill techniques for success in college. Topics include college culture and resources, time management, personal learning style, organization, note-taking and test-preparation strategies. Includes practice and evaluation of study skill techniques.

Day 22398 TTh 2:00 - 3:25 1641 ALTURK 09/03 12/20 OP LS1  
PCN 15-LS1 is a Late Start course that meets from September 5 - December 20.

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**PCN 18 UNIVERSITY TRANSFER PLANNING 1.0 Units**

Introduction to the resources and planning process needed to ease transition from community college to a four-year college or university. Development of a transfer action plan. Preparation for major and general education requirements. Application cycles and important deadlines. Recommended for those transferring to four-year colleges or universities.

Day 22455 Wed 11:00 -12:05 1602 SANCHEZ HER09/03 12/20 OP LS1  
PCN 18-LS1 is a late start course.

Web 23305 By Arr 2.3 Hrs/Wk ONLINE SCHWARZ 08/19 10/11 OP FT1  
PCN 18-FT1 is an online fast track course that meets from Aug 19-Oct 11. For more information, see the section titled "Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>

Web 22970 By Arr 2.3 Hrs/Wk ONLINE SCHWARZ 10/14 12/13 OP FT2  
PCN 18-FT2 is an online fast track course that meets from Oct 14-Dec 13. For more information, see the section titled "Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>

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**PCN 28 ORIENTATION FOR INTL. STUDENTS 1.0 Units**

Exploration of practical strategies for academic success and to experience a positive transition into the American educational system and culture focusing on the new international student. Examines goal setting, cultural adjustment, college policies, graduation requirements, campus resources, programs and services, student rights and responsibilities, introduction to the California systems of higher education, student educational planning and other topics as

needs are identified. Designed for first time international college students in order to enhance their transition into American society and maximize successful matriculation through college toward their academic goals. PCN 28-LS1 is a late start course that meets from Sep 3-Dec 20.

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PCN 30 STUDENT SUCCESS:COLLEGE EXP. 3.0 Units

This course explores concepts, knowledge, and skills relevant to college success. Students will engage in critical analysis on a variety of topics, including motivation, decision making, interpersonal communication, multicultural awareness, and learning theory. Problem solving strategies will be applied to areas including goal setting, career development, wellness, and accessing campus resources.

Day 22462 Mon 11:00 -12:15 1602 DISCUA 08/19 12/20 OP HY1

By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP

PCN 30-HY1 is a hybrid course. Classes will meet Mondays from 11:00-12:15pm in Room 1602. The remainder of the course will be completed online. For more information, see the section titled "Online Learning," or go to <http://www.laspositascollege.edu/onlinelearning>

Day 22458 MW 9:30 -10:45 1602 VALLE 08/19 12/20 OP P01

PCN 30-P01 is part of the Puente Program Learning Community and is linked to ENG 1A, MW 11-12:15 and Lab W 12:30-1:45 p.m. For more information, or to register for the program, please contact Rafael Valle at <mailto:rvalle@laspositascollege.edu>

Day 22459 TTh 9:30 -10:45 1602 CALDERON 08/19 12/20 OP V01

Day 22460 MW 9:30 -10:45 1641 BURKS 08/19 12/20 OP V02

The above section is part of the Umoja Program and is linked to ENG 1A, MW 11-12:15 and Lab M 12:30-1:45PM. For more information, or to register to the program, please contact Kimberly Burks at <mailto:kburks@laspositascollege.edu>

Day 22461 MW 3:30 - 4:45 1602 HOWARD 08/19 12/20 OP V03

The above section is part of the HSI Gateway to STEM Success Program Learning Community. For more information, or to register to the program, please contact Jared Howard at <mailto:jhoward@laspositascollege.edu>

Day 22457 TTh 11:00 -12:15 1602 CALDERON 08/19 12/20 OP V04

PCN 30 - V05 is geared toward Student Veterans but is open to all students. For more information, please Jose Calderon at <mailto:jcalderon@laspositascollege.edu>

Eve 23306 Th 6:00 - 9:00 1602 GRAVINO 09/03 12/20 OP LE1

PCN 30-LE1 is a Late Start evening course that meets from September 5 - December 20.

Web 22971 By Arr 3.0 Hrs/Wk ONLINE SCHWARZ 08/19 12/20 OP DE1

PCN 30-DE1 is an online course. For more information, see the section titled

"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

PCN 30-DE2 is an online course. For more information, see the section titled

"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 23086 By Arr 6.7 Hrs/Wk ONLINE DISCUA 10/14 12/13 OP FT2

PCN 30-FT2 is an Fast Track online course that begins October 14 and ends December 13. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

\*\*\*\*\*PSYCHOLOGY LPC

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PSYC 1 GENERAL PSYCHOLOGY

3.0 Units

Introduces students to the scientific study of behavior and mental processes. Provides an overview of major psychological concepts and theories in such areas as consciousness, learning, memory, motivation, perception, personality, stress, and social behavior. Strongly Recommended: Eligibility for ENG 1A with a minimum grade of C

Day 20440 MW 9:30 -10:45 2204 HARTMAN 08/19 12/20 OP V01  
Day 20011 MW 11:00 -12:15 2206 HARTMAN 08/19 12/20 OP V02  
Day 20550 MW 12:30 - 1:45 2205 ROY 08/19 12/20 OP V03  
Day 20612 MW 2:00 - 3:15 1056 FAULKENBERR08/19 12/20 OP V04  
Day 20549 TTh 9:30 -10:45 2450 KELLER 08/19 12/20 OP V05  
Day 20012 TTh 11:00 -12:15 1011 RUYS 08/19 12/20 OP V06  
Day 20282 TTh 2:00 - 3:15 1012 HARTMAN 08/19 12/20 OP V07  
Day 20676 Fri 9:30 -12:30 2204 STAMATAKIS 08/19 12/20 OP V08  
Day 21815 TTh 12:30 - 1:45 2205 LIGNELL 08/19 12/20 OP V09  
Day 22118 MW 3:30 - 4:45 1056 FAULKENBERR08/19 12/20 OP V10

Eve 20183 Wed 7:00 - 9:50 1012 FAULKENBERR08/19 12/20 OP 093

Eve 21575 Tue 4:00 - 6:50 1060 TURNER-AUGU08/19 12/20 OP 094

Web 20263 By Arr 3.0 Hrs/Wk ONLINE TURNER-AUGU08/19 12/20 OP DE1

PSYC 1-DE1 is an online course. For more information, see the section titled

"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 20591 By Arr 3.0 Hrs/Wk ONLINE TURNER-AUGU08/19 12/20 OP DE2

PSYC 1-DE2 is an online course For more information, see the section titled

"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 21242 By Arr 3.0 Hrs/Wk ONLINE RUYS 08/19 12/20 OP DE3

PSYC 1-DE3 is an online course. For more information, see the section titled

"Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>  
Web 21739 By Arr 3.0 Hrs/Wk ONLINE RUYS 08/19 12/20 OP DE4  
PSYC 1-DE4 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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PSYC 3 INTRO. TO SOCIAL PSYCHOLOGY 3.0 Units

This course will introduce theories and concepts that explain individual behavior in social settings. The topics include research methods, social perception, social cognition, beliefs, prejudice/discrimination, interpersonal relationships, aggression, and group behavior. Strongly Recommended: PSYC 1 with a minimum grade of C

Day 20404 MW 9:30 -10:45 2205 TURNER-AUGU08/19 12/20 OP V01  
Web 20608 By Arr 3.0 Hrs/Wk ONLINE ROY 08/19 12/20 OP DE1  
PSYC 3-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>  
Web 23502 By Arr 3.0 Hrs/Wk ONLINE ROY 08/19 12/20 OP DE2  
PSYC 3-DE2 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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PSYC 4 BRAIN, MIND, AND BEHAVIOR 3.0 Units

Introduction to the field of biopsychology. The biopsychology of cognitive, perceptual, emotional, developmental, and social processes. Includes the biopsychology of personality, gender, emotions, learning, learning disabilities, drugs, neurological and developmental disorders, and mental health. Examination of information and theory for practical application. Prerequisite: PSYC 1 with a minimum grade of C

Day 20194 MW 11:00 -12:15 402 KELLER 08/19 12/20 OP V01  
Prerequisite: PSYC 1  
Day 20150 TTh 12:30 - 1:45 2470 JONES 08/19 12/20 OP V02  
Prerequisite: PSYC 1  
Day 21816 TTh 11:00 -12:15 1058 JONES 08/19 12/20 OP V03  
Web 20913 By Arr 3.0 Hrs/Wk ONLINE KELLER 08/19 12/20 OP DE1  
PSYC 4-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule or go to  
<http://www.laspositascollege.edu/onlinelearning> Prerequisite: PSYC 1



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PSYC 6 ABNORMAL PSYCHOLOGY 3.0 Units

An introduction to mental health and the major mental health disorders in adults and children; includes anxiety, mood, personality, sexual, and psychotic disorders. The course will include the study of the major psychological, biological, and sociocultural models of mental health disorders and their treatment.

Day 20264 MW 12:30 - 1:45 2490 LEVEQUE 08/19 12/20 OP V01  
Day 20441 TTh 9:30 -10:45 1012 LIGNELL 08/19 12/20 OP V02  
Web 22452 By Arr 3.0 Hrs/Wk ONLINE BUNDY 08/19 12/20 OP DE1  
PSYC 6-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>

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PSYC 10 PSYCHOLOGY OF HUMAN SEXUALITY 3.0 Units

Physiological and psychosocial aspects of sexual health in our contemporary society. Understanding the interrelationship of attitude and behavior as it relates to sexual well-being and sexual integrity.

Day 21817 MW 11:00 -12:15 PE209 LEVEQUE 08/19 12/20 OP V02

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PSYC 12 LIFE-SPAN PSYCHOLOGY 3.0 Units

Introduction to the psychological, physiological, and socio-cultural factors influencing development from conception through death. Emphasis on the process of normal development and its variations. Examination of theoretical models and research for practical application.

Day 20609 TTh 11:00 -12:15 2460 KELLER 08/19 12/20 OP V01  
Day 22217 TTh 12:30 - 1:45 801 KELLER 08/19 12/20 OP V02

Eve 22746 Mon 4:00 - 6:50 \*025 LIGNELL 08/19 12/20 OP 093  
offsite room \*025 meets at ..... DUBLIN HIGH SCHOOL  
DUBLIN HIGH SCHOOL  
815 VILLAGE PARKWAY  
DUBLIN, CA

PSYC 12-093 will be held at Dublin High School

Web 21516 By Arr 3.0 Hrs/Wk ONLINE RUYS 08/19 12/20 OP DE1  
PSYC 12-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositacollege.edu/onlinelearning>

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PSYC 13 PSYCHOLOGY OF WOMEN 3.0 Units

This course examines the diverse experiences of women from a psychological perspective. Students will explore psychological theory and research on gender and issues that affect women, and will gain insight into how psychologists investigate gender-related issues. Strongly recommended: Psychology 1.

Day 22747 TTh 12:30 - 1:45 2204 ROY 08/19 12/20 OP V01

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PSYC 21 INTRO TO CROSS-CULTURAL PSYCH 3.0 Units

This course is an introduction to cross-cultural identities, which focuses on the way culture influences human behavior and shapes mental processes. We will study a variety of ethnic, social, and cultural group developmental norms and the extent of influence these norms may have on an individual. This course seeks to strengthen diversity awareness and knowledge by bringing awareness to the importance of engaging in difficult discussions. This course will review a broad range of theories and research findings regarding cultural influences on human behavior and cognitive process. Topics covered include development of an individual worldview, identity development, stereotypes, prejudice, discrimination, racism, sexism, heterosexism, ableism, ageism, immigration & acculturation, privilege, oppression and cross-cultural issues in psychological literature. Strongly Recommended: PSYC 1 with a minimum grade of C

Day 23219 MW 12:30 - 1:45 2470 TURNER-AUGU08/19 12/20 OP V01

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PSYC 25 RESEARCH METHODS 4.0 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. Prerequisites: PSYC 1 with a minimum grade of C and MATH 40 with a minimum grade of C (May be taken

concurrently)

Day 22960 TTh 9:30 -10:45 2416 ROY 08/19 12/20 OP V01

Lab TTh 11:00 -12:15 2416 08/19 12/20 OP

Day 21515 TTh 12:30 - 1:45 2416 RUYS 08/19 12/20 OP V02

Lab TTh 2:00 - 3:15 2416 08/19 12/20 OP

Prerequisite: PSYC 1 and MATH 40 or Math 44 with a grade of "C" or higher.

\*\*\*\*\*RELIGIOUS STUDIES

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RELS 1 RELIGIONS OF THE WORLD 3.0 Units

Introduction to religion by examining several religions; basic principles of each shown by fundamental scriptures and works in the visual and musical arts.

Web 20232 By Arr 3.0 Hrs/Wk ONLINE TOMLINSON 08/19 12/20 OP DE1

RELS 1-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 20408 By Arr 3.0 Hrs/Wk ONLINE TOMLINSON 08/19 12/20 OP DE2

RELS 1-DE2 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22319 By Arr 6.7 Hrs/Wk ONLINE TOMLINSON 08/19 10/11 OP FT1

RELS 1-FT1 is a fast track online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

Web 22688 By Arr 6.7 Hrs/Wk ONLINE TOMLINSON 10/14 12/13 OP FT2

RELS 1-FT2 is a late start, fast-track online course. For more information, see the section titled "Online Learning" in this schedule, or go to

<http://www.laspositascollege.edu/onlinelearning>

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RELS 2 BIBLE: HISTORY AND LITERATURE 3.0 Units

Study of the historical context and literary forms of the Hebrew Bible and New Testament. Emphasis on social, political and economic origins of the works, their literary motifs, and how their creation reflected ongoing cultural values.

Day 23299 Mon 12:30 - 3:20 1008 TOMLINSON 08/19 12/20 OP V01

\*\*\*\*\*SOCIOLOGY LPC

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SOC 1 PRINCIPLES OF SOCIOLOGY 3.0 Units

The sociological perspective: scientific study of human interaction and society as a whole with emphasis on the impact of groups on social behavior, systematic examination of culture, social organization, and methodology.

Day 20013 MW 9:30 -10:45 106 MESMER 08/19 12/20 GR V01  
Day 21251 TTh 9:30 -10:45 2205 HIROSE 08/19 12/20 GR V02  
Day 20014 Fri 9:30 -12:30 2490 MESMER 08/19 12/20 GR V03

Eve 21975 MW 4:30 - 5:45 105 BAUER 08/19 12/20 GR 093  
Web 20283 By Arr 3.0 Hrs/Wk ONLINE THOMPSON 08/19 12/20 GR DE1  
SOC 1-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>  
Web 20459 By Arr 3.0 Hrs/Wk ONLINE THOMPSON 08/19 12/20 GR DE2  
SOC 1-DE2 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>  
Web 21704 By Arr 3.0 Hrs/Wk ONLINE SADEGHI 08/19 12/20 GR DE3  
SOC 1-DE3 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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SOC 3 CULTURAL AND RACIAL MINORITIES 3.0 Units

Racial and ethnic relations in the United States. Examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities, as well as patterns of interaction between various racial and ethnic groups. Strongly Recommended: SOC 1 with a minimum grade of C

Day 23253 MW 11:00 -12:15 106 HIROSE 08/19 12/20 OP V01  
Web 20618 By Arr 3.0 Hrs/Wk ONLINE HIROSE 08/19 12/20 OP DE1  
SOC 3-DE1 is an online course. For more information, see the section titled  
"Online Learning" in this schedule, or go to  
<http://www.laspositascollege.edu/onlinelearning>

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SOC 4 MARRIAGE AND FAMILY RELATIONS 3.0 Units

Sociological perspective of the family including mate selection, marital roles, marital adjustment, sexual adjustment, reproduction, child rearing, marital dissolution, and problems associated with the family in modern industrial society. Strongly Recommended: SOC 1 with a minimum grade of C  
Web 23254 By Arr 3.0 Hrs/Wk ONLINE BAUER 08/19 12/20 GR DE1  
SOC 4-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to  
<http://www.laspositacollege.edu/onlinelearning>

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SOC 5 INTRODUCTION TO GLOBAL STUDIES 3.0 Units

This course looks at the economic and political forces that have led to the rapid changes in global interaction and culture over the past century, with special emphasis on the last twenty years. It explores the issues of nationalism, global citizenry, state violence, terrorism, the global economy, migration, the threatened environment, technology, and the role of multinational media industries on the culture. Strongly Recommended: SOC 1, ENG 1A with a minimum grade of C

Day 22684 TTh 11:00 -12:15 2205 THOMPSON 08/19 12/20 GR V01

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SOC 6 SOCIAL PROBLEMS 3.0 Units

An identification and analysis of contemporary social problems including (1) the role of power and ideology in the definition of social problems, (2) their causes and consequences, (3) evaluations of proposed solutions, and (4) methods of intervention. Topics will vary.

Day 22685 Tue 2:00 - 3:15 1060 MESMER 08/19 12/20 OP HD1  
By Arr 1.5 Hrs/Wk ONLINE 08/19 12/20 OP  
SOC 6-HD1 is a hybrid course. Students will meet on campus Tuesdays from 2:00-3:15PM in Room 1060. They will be required to complete the remainder of the course online. For more information, see the section titled "Online Learning" in this schedule, or go to  
<http://www.laspositacollege.edu/onlinelearning>

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SOC 7 SOCIOLOGY OF SEXUALITY 3.0 Units

This course looks at the social forces that influence, and are influenced by our construction of sexuality. Topics covered include: the social

construction of the erotic, the creation of sexual identities, gender and sexuality, religion and sexuality, sexual commerce, and global issues such as birth control and STDs. Strongly Recommended: SOC 1 with a minimum grade of C

Day 23255 TTh 12:30 - 1:45 1012 THOMPSON 08/19 12/20 GR V01

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SOC 12 POPULAR CULTURE 3.0 Units

The course explores the historical, theoretical, political, and economic factors that influence the creation and diffusion of popular culture. It examines the impact of technological innovation and globalization on how popular culture is consumed and how this affects society. Strongly Recommended: SOC 1 (completed with a grade of C or higher).

Day 20960 MW 12:30 - 1:45 503 HIROSE 08/19 12/20 OP V01

\*\*\*\*\*SPANISH LPC

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SPAN 1A BEGINNING SPANISH 5.0 Units

This introductory level course offers a balanced approach to language and culture. It will enable students to begin speaking, reading and writing elementary level Spanish as well as understanding the spoken language as they explore the culture and countries of the Spanish-speaking world. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. Strongly Recommended: ENG 1A with a minimum grade of C

Day 20061 MW 9:30 -11:45 103 SUAREZ 08/19 12/20 OP V01

SPAN 1A-V01 is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit <http://www.laspositascollege.edu/honors>

Day 20214 TTh 12:30 - 2:45 4213 SUAREZ 08/19 12/20 OP V02

SPAN 1A-V03 is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it for honors credit. See instructor and visit <http://www.laspositascollege.edu/honors>

Eve 20405 TTh 6:00 - 8:15 1052 NEVAREZ 08/19 12/20 OP 093

SPAN 1A-093 is open to all students but has an optional embedded honors component. Students who qualify for the Honors Transfer Program may take it

for honors credit. See instructor and visit  
<http://www.laspositascollege.edu/honors> for more information.

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SPAN 1B ELEMENTARY SPANISH 5.0 Units

This is the second semester of the introductory level course. It continues to offer a balanced approach to language and culture. It enables students to continue learning to speak, read and write elementary level Spanish as well as to understand the spoken language as they explore the culture and countries of the Spanish-speaking world. Students continue to review and improve upon concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. The course will continue to examine the culture of the Spanish-speaking world. Prerequisite: SPAN 1A with a minimum grade of C

Day 23227 MW 12:30 - 2:45 101 SUAREZ 08/19 12/20 OP V01

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SPAN 2A INTERMEDIATE SPANISH I 4.0 Units

This course covers a review of grammar, reading of contemporary literature, practice in conversation and composition, and discussion of cultural topics. Prerequisite: SPAN 1B with a minimum grade of C

Eve 23706 MW 6:00 - 7:50 1008 WEISS 08/19 12/20 OP 093

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SPAN 2B INTERMEDIATE SPANISH II 4.0 Units

A course covering the reading of contemporary works, advanced review of grammar emphasis on speaking and composition, and further discussion of cultural topics. Prerequisite: SPAN 2A with a minimum grade of C

Eve 23707 MW 6:00 - 7:50 1008 WEISS 08/19 12/20 OP 093

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SPAN 21 SPANISH SPEAKERS I 5.0 Units

This course is designed for bilingual students whose heritage language is Spanish and for linguistically qualified students who wish to improve their reading and writing Spanish skills. It provides students with instruction that

builds upon their existing reading, writing, speaking and listening skills, and their cultural heritage and knowledge. The course will help students develop critical and integrative thinking skills; enhance their knowledge of Hispanic cultures as manifested in Spanish-speaking countries and the United States; understand sociopolitical realities; examine and recognize dialectal, social, and contextual variations; improve strategic speaking, reading, and writing skills; and master grammar points of concern to bilingual and heritage Spanish speakers. This course is conducted entirely in Spanish. Prerequisite: Spanish heritage speaker proficiency or the equivalent intermediate level as assessed.

Day 22989 TTh 12:30 - 2:45 1052 NEVAREZ 08/19 12/20 GR V01

\*\*\*\*\*THEATER ARTS LPC

THEA 1A THEORY/PRACTICE OF ACTING I 3.0 Units

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. An introduction to the techniques and theories of acting, explored through improvisation, exercises and scene study. Students should be able to demonstrate the following skills: development of the physical and psychological resources for acting including relaxation, concentration, creativity, believability, and commitment. Strongly Recommended: ENG 1A

Day 20921 MW 11:00 -12:15 4127 LISH 08/19 12/20 GR V01

Day 20164 TTh 9:30 -10:45 4127 ROSS 08/19 12/20 GR V02

THEA 3A BEGINNING IMPROVISATION 3.0 Units

An entry level course designed to introduce to students to concepts of improvisation and creative dramatics. It will encourage students to "think out of the box", promoting creative problem solving within a supportive ensemble. Recommended for non-majors (Early Childhood education, Business, Speech/Communication majors especially encouraged) as well as Theatre: AA students.

Day 22759 TTh 9:30 -10:45 4128 WISELY 08/19 12/20 OP V01



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THEA 3B INTERMEDIATE IMPROVISATION 3.0 Units

This course will teach students Long-Form Improvisation. The class will concentrate on finding style and improving skills through various in class, supportive, exercises. We will focus on accepting/supporting, creating honest and strong relationship, and developing complex and engaging circumstances. Prerequisite: THEA 3A with a minimum grade of C/P

Day 22760 TTh 9:30 -10:45 4128 WISELY 08/19 12/20 OP V01

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THEA 3C IMPROVISATION IN PERFORMANCE 3.0 Units

From Saturday Night Live to Flash Mobs - Improvisation is part of our culture. Students will get the opportunity to perform as well as teach improvisation techniques and creative dramatics in a supportive and fun atmosphere. The students will also have opportunities to attend and critique the work various local improvisation troupes. Prerequisite: THEA 3B with a minimum grade of C/P

Day 23290 TTh 9:30 -10:45 4128 WISELY 08/19 12/20 OP V01

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THEA 10 INTRODUCTION TO DRAMATIC ARTS 3.0 Units

A survey of the elements of Theater event and its contribution to cultures and societies throughout history. Strongly Recommended: Eligibility for ENG 1A

Day 20181 By Arr 3.0 Hrs/Wk ONLINE WISELY 08/19 12/20 GR DE2  
THEA 10-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule or go to <http://www.laspositascollege.edu/onlinelearning>

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THEA 39A MUSICAL THEATER WORKSHOP-BEGIN 4.0 Units

Training in performance skills for the musical theater, with emphasis on acting, stage movement and vocal production. Solo, duet and ensemble work, possibly leading to a culminating public performance.

Day 22346 MW 11:00 -12:15 4128 MCBRIDE 08/19 12/20 GR V01

Lab MW 12:30 - 1:45 4128 08/19 12/20 GR

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THEA 39B MUSICAL THEATER WORKSHOP-INTER 4.0 Units

Intermediate training in performance skills for the musical theater, with emphasis on acting, stage movement and vocal production. Study includes written analyses, musical theater staging and basic acting and vocal techniques. Solo, duet, and ensemble work possibly leading to culminating public performance. Prerequisite: THEA 39A with a minimum grade of C

Day 22347 MW 11:00 -12:15 4128 MCBRIDE 08/19 12/20 GR V01  
Lab MW 12:30 - 1:45 4128 08/19 12/20 GR

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THEA 39C MUSICAL THEATER WORKSHOP-ADVAN 4.0 Units

Advanced training in performance skills for the musical theater, with emphasis on acting, stage movement and vocal production. Study includes auditioning techniques and critical analyses of musical theater performances. Culminating public performance required. Prerequisite: THEA 39B with a minimum grade of C

Day 22348 MW 11:00 -12:15 4128 MCBRIDE 08/19 12/20 GR V01  
Lab MW 12:30 - 1:45 4128 08/19 12/20 GR

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THEA 48A TECH THEATER IN PROD-BEGINNING 3.0 Units

Students will gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, costume, lighting, sound and running crews. Enrollment is for the duration of the semester. Strongly Recommended: THEA 50 with a minimum grade of C

Eve 22142 Tue 4:00 - 4:50 4128 KELLY 08/19 12/20 OP 093  
Tue 5:00 - 6:20 4128 08/19 12/20 OP  
Th 4:00 - 6:20 4128 08/19 12/20 OP  
By Arr 1.5 Hrs/Wk 4128 08/19 12/20 OP

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THEA 48B TECH THEATER IN PROD:INTERMED. 3.0 Units

Participation in scheduled productions and events as crew members and/or construction of said productions technical elements, including lighting and sound implementation. Enrollment is for the duration of the semester. Students may participate in the design and board operation of multiple productions or events per semester. Strongly Recommended: THEA 50 with a minimum grade of C THEA 48A

Eve 22143 Tue 4:00 - 4:50 4128 KELLY 08/19 12/20 OP 093  
Lab Tue 5:00 - 6:20 4128 08/19 12/20 OP  
Lab Th 4:00 - 6:20 4128 08/19 12/20 OP  
Lab By Arr 1.5 Hrs/Wk 4128 08/19 12/20 OP

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THEA 48C TECH THEATER PRODUCTION-ADV. 3.0 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 or THEA 52 with a minimum grade of C Strongly Recommended: MATH 107 or MATH 107B with a minimum grade of C

Eve 22144 Th 4:00 - 4:50 4128 KELLY 08/19 12/20 OP 093  
Lab By Arr 6.0 Hrs/Wk 4128 08/19 12/20 OP

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THEA 48D TECH.THEATER- PROD. MANAGEMENT 3.0 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)

Eve 22145 Tue 5:30 - 6:20 4128 KELLY 08/19 12/20 OP 093  
Lab By Arr 6.0 Hrs/Wk 4128 08/19 12/20 OP

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THEA 50 STAGECRAFT 3.0 Units

An introduction to technical theatre and the creation of scenic elements. Includes basic concepts of design, painting techniques, set construction, set

movement, prop construction, backstage organization, and career possibilities. May include stage management, lighting, and/or sound techniques. Lecture, reading, projects, and practical experience.

Day 22761 TTh 2:00 - 2:50 4128 KELLY 08/19 12/20 GR V01  
Lab TTh 3:00 - 3:50 4128 08/19 12/20 GR  
Lab By Arr 1.0 Hrs/Wk 4128 08/19 12/20 GR

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THEA 51 INTRODUCTION TO COSTUME DESIGN 3.0 Units

Students will study costume history, design, and basic construction techniques as an introduction to basic theatrical costuming. Fabrics and their various uses will be investigated. Design and fabrication of costumes for production; components of basic sewing and costume construction; comprehensive overview of the history of fashion and costume, color, manufacturing techniques; Introduction to basic makeup design; makeup application techniques and design; special effects makeup techniques. Strongly Recommended: THEA 50 with a minimum grade of C

Day 22762 TTh 11:00 -11:50 4240 LISH 08/19 12/20 GR V01  
Lab TTh 12:00 - 1:15 4240 08/19 12/20 GR

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THEA 53 SCRIPT ANALYSIS 3.0 Units

Develops critical thinking, analysis, and writing skills as they apply to the exploration of the principles, theories and techniques of play script analysis for theatrical production. Class content includes the historical and cultural context of various kinds of script; genre and form; narrative and plot analysis; linguistic analysis; interpreting stage directions; and identification of main themes. Emphasis on effective written communication in literature. Research required. Prerequisite: ENG 1A with a minimum grade of C

Day 23291 TTh 11:00 -12:15 1060 WISELY 08/19 12/20 OP V01

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THEA 57A PERFORMANCE IN PRODUCTION-INTR 3.0 Units

This course provides instruction and supervised participation in theatre rehearsal and performance. On stage participation in cast of scheduled main stage production. Enrollment is for the duration of the production.

Eve 23292 MTWTh 7:00 - 8:15 4127 LISH 09/03 12/20 GR LE1  
Lab MTWTh 8:30 -10:00 4127 09/03 12/20 GR  
ENROLLMENT BY AUDITION ONLY: Production: EVIL DEAD THE MUSICAL. Performs  
November 8-17 (Fri/Sat/Sun). Auditions August 2019. Visit  
<http://laspositascollege.edu/theater/auditions.php> for more info. Enrollment  
is for the duration of the production.

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THEA 57B PERFORMANCE IN PROD. BEGINNING 3.0 Units

As a continuation of THEA 57A, students will participate in the cast of a  
scheduled main stage musical production. Emphasis will be on character  
development, objectives, and actions. Prerequisite: THEA 57A with a minimum  
grade of C (May be taken concurrently)

Eve 23293 MTWTh 7:00 - 8:15 4127 LISH 09/03 12/20 GR LE1  
Lab MTWTh 8:30 -10:00 4127 09/03 12/20 GR  
ENROLLMENT BY AUDITION ONLY: Production: EVIL DEAD THE MUSICAL. Performs  
November 8-17 (Fri/Sat/Sun). Auditions August 2019. Visit  
<http://laspositascollege.edu/theater/auditions.php> for more info. Enrollment  
is for the duration of the production.

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THEA 57C PERFORMANCE IN PROD.- INTERMED 3.0 Units

This course is a continuation of THEA 57B. Student will participate in the  
cast of a scheduled main stage musical production. This course will focus on  
rehearsal technique, personal creative exploration, and ensemble building and  
motivated performance response. Prerequisite: THEA 57B with a minimum grade  
of C

Eve 23294 MTWTh 7:00 - 8:15 4127 LISH 09/03 12/20 GR LE1  
Lab MTWTh 8:30 -10:00 4127 09/03 12/20 GR  
ENROLLMENT BY AUDITION ONLY: Production: EVIL DEAD THE MUSICAL. Performs  
November 8-17 (Fri/Sat/Sun). Auditions August 2019. Visit  
<http://laspositascollege.edu/theater/auditions.php> for more info. Enrollment  
is for the duration of the production.

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THEA 57D PERFORMANCE IN PROD.-ADVANCED 3.0 Units

As a continuation of THEA 57C, students will continue to develop onstage with

participation in the cast of the scheduled main stage production. This course will emphasize complexity and polish in performance, personal and creative development as a theater professional, and development as a vocal musician. Prerequisite: THEA 57C with a minimum grade of C

Eve 23295 MTWTh 7:00 - 8:15 4127 LISH 09/03 12/20 GR LE1  
Lab MTWTh 8:30 -10:00 4127 09/03 12/20 GR

ENROLLMENT BY AUDITION ONLY: Production: EVIL DEAD THE MUSICAL. Performs November 8-17 (Fri/Sat/Sun). Auditions August 2019. Visit <http://laspositascollege.edu/theater/auditions.php> for more info. Enrollment is for the duration of the production.

\*\*\*\*\*TUTORING

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TUTR 17A TUTORING THEORY AND PRACTICE I 0.5 Units

Training for college tutors to acquire specific skills and techniques for tutoring in academic and vocational subject areas, and basic skills. The course will provide a conceptual framework of tutoring to guide students in leading effective tutoring sessions.

Day 21978 Sat 9:00 - 3:00 2401 TSUBOTA 09/07 09/07 OP LS1  
Sat 9:00 -12:00 2401 09/14 09/14 OP

Class Sessions: Saturday, September 7, 2019 from 9AM-3PM and Saturday, September 14, 2019 from 9AM-12PM. You must be hired as an LPC peer tutor before registering for this class.

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TUTR 17B TUTORING THEORY & PRACTICE II 0.5 Units

Intermediate training class for college tutors. Tutors will acquire specific skills and techniques for tutoring in academic subjects, vocational subjects and basic skills. Required course for second semester tutors participating in the Las Positas College Tutorial Program. Prerequisite: TUTR 17A with a minimum grade of C

Day 21997 Sat 9:00 - 3:00 2401 TSUBOTA 08/24 08/24 OP V01  
Sat 9:00 -12:00 2401 09/14 09/14 OP

Class Sessions: Saturday, August 24, 2019 from 9AM-3PM and Saturday, September 14, 2019 from 9AM-12PM.

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TUTR 17C TUTORING THEORY & PRACTICE III 0.5 Units

Advanced training for college tutors to obtain skills and techniques in academic and vocational subject areas and basic skills remediation. Emphasis upon leading group tutoring sessions and mentoring new tutors. Required course for third semester tutors participating in the Las Positas College Tutorial Program. Prerequisite: TUTR 17B with a minimum grade of C

Day 22119 Sat 9:00 - 3:00 2401 TSUBOTA 08/24 08/24 OP V01  
Sat 9:00 -12:00 2401 09/14 09/14 OP

Class Sessions: Saturday, August 24, 2019 from 9AM-3PM and Saturday, September 14, 2019 from 9AM-12PM.

\*\*\*\*\*VITICULTURE AND WINERY TECH

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VWT 2 WORLD WINES: OLD WORLD 3.0 Units

This course is a comprehensive exploration of "old world" wines. The winemakers of the "old world" have been creating distinctive wines for millennia and now to add another facet to the wines of Europe and beyond. Explore the history of wine regions, wine cultures, and the varied wines of France, Italy, Spain, Portugal, Germany, and Eastern Europe. Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

Eve 23595 Tue 6:00 - 8:50 1814 Staff - LP08/19 12/20 GR 093  
VWT 2 has a \$150.00 material fee. Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

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VWT 20 INTRODUCTION TO ENOLOGY 3.0 Units

This course is an overview of the history of wine, modern viticulture and enology principles and practices, the science of fermentation, and standard winery operations. There is a primer on grape varieties and wine styles produced in major wine-producing regions of the world including California which will focus on regional stylistic expression of specific, heritage varietals. Instruction covering the physiology of wine consumption will precede practical exercises which will include the sensory evaluation of wines. Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the

California State Assembly Bill 1989.

Eve 23286 Th 6:00 - 8:50 1814 KINNEY 08/19 12/20 GR 093  
Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

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VWT 35 LANDSCAPE/VINEYARD PEST MGT. 3.0 Units

This course covers concepts of plant pathology, entomology, and weed science which are studied in order to identify symptoms, diagnose problems, and determine methods of controlling plant diseases, insects, and weed pests. Also included is the study of the identification and biology of common vineyard, landscape and other horticultural crop pests and diseases. Materials and instruction is provided for techniques and strategies for insects, weeds and diseases, including bio-control, sustainable agriculture practices and integrated pest management. In addition to pesticide use, safety and compliance, there is a focus on preparation for the California State Qualified Applicators license. Students that take HORT 53 may not receive credit for VWT 35.

Eve 23594 Mon 6:00 - 8:20 1859 FULLER 08/19 12/20 GR 093  
Lab Mon 8:30 - 9:45 1859 08/19 12/20 GR  
VWT 35 will have two TBD Saturday lab classes. Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

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VWT 41 FALL WINERY OPERATIONS 3.0 Units

This class has a strong emphasis on the practical applications of winery operations. Students will be involved in the grape processing of the annual LPC Campus Hill Vineyard harvest, putting into action winery operations for the fall season including the planning, managing and implementation of harvest, grape maturity monitoring, press pad equipment operation and safety, handling must and juices, alcoholic and malolactic fermentation disciplines, sensory and laboratory analysis, handling and storage of new wines, maintenance of wines from previous vintages, winery sanitation, forklift safety and operation and general cellar practices. Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989. Strongly Recommended: VWT 20 Introduction to Enology



Eve 21142 Mon 6:00 - 7:50 1814 EVERETT 08/19 12/20 OP 093  
Lab Mon 8:00 - 10:50 1814 08/19 12/20 OP

Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

\*\*\*\*\*WELDING TECHNOLOGY LPC

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WLDT 61A BEG. SMAW AND FCAW THEORY 1.0 Units

Theory and safety of Shielded Metal Arc (SMAW) and Flux-core Arc (FCAW) welding of steel, flame cutting, plasma and carbon arc cutting. American Welding Society nomenclature, electrode and wire selection, job opportunities. Blueprint reading, welding symbols and hazardous material regulation. Corequisite: WLDT 61AL or WLDT 61BL

Eve 20620 Mon 7:00 - 7:50 1602 MINER 08/19 12/20 OP 093

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WLDT 61AL BEG. SMAW AND FCAW SKILLS LAB 2.0 Units

Skills of Shielded Metal Arc (SMAW) and Flux-Core Arc (FCAW) welding in the flat and horizontal positions to American Welding Society code specifications. Oxy-fuel flame, plasma, and carbon arc cutting. Safe use and handling of welding equipment and consumables. Corequisite: WLDT 61A or WLDT 61B.

Eve 21139 Lab Mon 4:30 - 6:45 810 MINER 08/19 12/20 OP 093  
Lab Wed 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 61AL lab class will be assessed a \$70 materials fee at registration.

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WLDT 61BL ADV. SMAW AND FCAW SKILLS LAB 2.0 Units

Advanced skills in Shielded Metal Arc (SMAW) and Flux Cored Arc (FCAW) welding of steel in the horizontal, vertical and overhead positions to A.W.S. Codes. Safety and proper use of SMAW, FCAW, oxy-fuel cutting and plasma arc cutting equipment. Blueprint usage in the welding shop environment. Prerequisite: WLDT 61AL completed with a minimum grade of C Corequisite: WLDT 61A or WLDT 61B

Eve 21140 Lab Mon 4:30 - 6:45 810 MINER 08/19 12/20 OP 093

Lab Wed 3:30 - 6:45 810 08/19 12/20 OP  
Students enrolled in WLDT 61BL lab class will be assessed a \$70 materials fee at registration.

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WLDT 62A BEG. GTAW AND GMAW THEORY 1.0 Units

Theory of fuel and inert gas welding of steel, stainless steel and aluminum alloys, Oxy-Fuel welding, Oxy fuel brazing, flame cutting, and plasma cutting. Gas Tungsten Arc (GTAW) and Gas Metal Arc (GMAW) welding equipment and supplies. Nomenclature and metallurgy of steel, stainless steel and aluminum alloys. Introduction to blueprint reading and welding symbols. Hazardous material regulations and safety data sheets. Corequisite: WLDT 62AL or WLDT 62BL

Eve 20621 Tue 7:00 - 7:50 1602 MINER 08/19 12/20 OP 093

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WLDT 62AL BEG. GTAW AND GMAW SKILLS LAB 2.0 Units

Skills of TIG (GTAW) and MIG (GMAW) welding of ferrous and non-ferrous alloys in the flat and horizontal positions to A.W.S. codes. Safety and proper use of TIG and MIG equipment, oxy-fuel welding and cutting, plasma cutting. Blueprint usage in welding shop environment. Corequisite: WLDT 62A or WLDT 62B

Day 22466 Lab Tue 1:15 - 4:15 810 MINER 08/19 12/20 OP V01  
Lab Th 1:00 - 3:30 810 08/19 12/20 OP

Eve 20622 Lab Tue 4:30 - 6:45 810 GAKHAL 08/19 12/20 OP 093  
Lab Th 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 62AL lab class will be assessed a \$75 materials fee at registration.

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WLDT 62BL ADVANCED GTAW/GMAW WELDING 2.0 Units

Advanced skills in Gas Tungsten Arc (GTAW) and Gas Metal Arc (GMAW) welding of ferrous and non-ferrous alloys in the horizontal, vertical and overhead positions to A.W.S. codes. Safety and proper use of TIG and MIG equipment, oxy-fuel welding and cutting, plasma cutting. Blueprint usage in welding shop environment. Pipe and tubing fit-up and welding. Prerequisite: WLDT 62AL with a minimum grade of C Corequisite: WLDT 62A or WLDT 62B

Eve 20623 Lab Tue 4:30 - 6:45 810 GAKHAL 08/19 12/20 OP 093  
Lab Th 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 62BL lab class will be assessed a \$75 materials fee at registration.

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WLDT 67A WELDING SKILLS LAB 2.0 Units

Development and improvement of skills in Shielded Metal Arc (SMAW), Flux Cored Arc (FCAW), Gas Metal Arc (GMAW), and Gas Tungsten Arc (GTAW) welding.  
Strongly Recommended: WLDT 61AL or WLDT 62AL or WLDT 70 or WLDT 71 with a minimum grade of C

Eve 20624 Lab Mon 4:30 - 6:45 810 MINER 08/19 12/20 OP 093  
Lab Wed 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 67A lab class will be assessed a \$40 materials fee at registration.

Eve 20625 Lab Tue 4:30 - 6:45 810 GAKHAL 08/19 12/20 OP 095  
Lab Th 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 67A lab class will be assessed a \$40 materials fee at registration.

Sat 22992 Lab Sat 9:00 - 2:50 810 GAKHAL 08/19 12/20 OP WE1

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WLDT 67B ADVANCED WELDING SKILLS LAB 2.0 Units

Advanced development and improvement of skills in Shielded Metal Arc (SMAW), Flux-core (FCAW), Gas Metal Arc (GMAW), and Gas Tungsten Arc (GTAW) welding.  
Strongly Recommended: WLDT 67A with a minimum grade of C

Eve 21514 Lab Mon 4:30 - 6:45 810 MINER 08/19 12/20 OP 093  
Lab Wed 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 67B lab class will be assessed a \$40 materials fee at registration.

Eve 20626 Lab Tue 4:30 - 6:45 810 GAKHAL 08/19 12/20 OP 094  
Lab Th 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 67B lab class will be assessed a \$40 materials fee at registration.

Sat 22993 Lab Sat 9:00 - 2:50 810 GAKHAL 08/19 12/20 OP WE1

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WLDT 68 CERTIFICATION PREPARATION 2.0 Units

Welding skills preparation for certification testing. Theory of American Welding Society D1.1, American Society of Mechanical Engineers Section IX and American Petroleum Institute 1104. Strongly Recommended: WLDT 61AL or WLDT 61BL or WLDT 62AL or WLDT 62BL or WLDT 69A or WLDT 69B with a minimum grade of C

Eve 20627 Lab Mon 4:30 - 6:45 810 MINER 08/19 12/20 OP 093  
Lab Wed 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 68 lab class will be assessed a \$40 materials fee at registration.

Eve 21141 Lab Tue 4:30 - 6:45 810 GAKHAL 08/19 12/20 OP 094  
Lab Th 3:30 - 6:45 810 08/19 12/20 OP

Students enrolled in WLDT 68 lab class will be assessed a \$40 materials fee at registration.

Sat 22994 Lab Sat 9:00 - 2:50 810 GAKHAL 08/19 12/20 OP WE1

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WLDT 69A BEGINNING PIPE WELDING 3.0 Units

Theory and practical application of: pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding codes specification for pipe and pipe fittings, analysis of joint configuration, plasma and flame cutting of pipes, wire and electrodes selections, beginning of pipe welding blue print and welding symbols, SMAW, GMAW, FCAW, and GTAW of pipe joints, non-destructive and destructive test and qualitative concepts of evaluation. Welding in the 1G and 2G positions. Prerequisite: WLDT 61BL or WLDT 62BL with a minimum grade of C

Sat 22995 Sat 8:00 - 8:50 810 GAKHAL 08/19 12/20 OP WE1  
Lab Sat 9:00 - 2:50 810 08/19 12/20 OP

WLDT 69A has a \$100 material fee.

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WLDT 69B ADVANCED PIPE WELDING 3.0 Units

Theory and practical application of pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding codes specifications for pipe and pipe fittings, analysis of joint configuration, plasma and flame cutting of pipes, wire and electrodes selections, beginning of pipe welding blue print and welding symbols, SMAW, GMAW, FCAW and GTAW of pipe

joints, non-destructive and destructive test and qualitative concepts of evaluation. Welding in the 5G and 6G positions. Prerequisite: WLDT 69A completed with a minimum grade of C

Sat 22996 Sat 8:00 - 8:50 810 GAKHAL 08/19 12/20 OP WE1  
Lab Sat 9:00 - 2:50 810 08/19 12/20 OP  
WLDT 69B has a \$100 material fee.

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WLDT 70 INTRODUCTION TO WELDING 2.0 Units

Basic skills in Shielded Metal Arc (SMAW), Gas Tungsten Arc (GTAW), Gas Metal Arc (GTAW) and Flux Core Arc (FCAW) welding. Oxy-fuel welding and thermal cutting. Emphasis on safety, proper usage, theory and care of welding equipment.

Eve 22183 Mon 3:30 - 4:20 \*105 MCNEALY 08/19 12/20 OP 093  
Lab Mon 4:30 - 5:20 \*105 08/19 12/20 OP  
Lab Wed 3:30 - 5:20 \*105 08/19 12/20 OP  
offsite room \*105 meets at .... LIVERMORE HIGH SCHOOL

600 MAPLE  
LIVERMORE, CA

WLDT 70-093 meets at Livermore High School in Room TBD. Students enrolled in WLDT 70 lab class will be assessed a \$60 materials fee at registration. WLDT 70-093 will meet at Livermore High School in Room 202. Livermore High School Address: 600 Maple St. Livermore, CA

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WLDT 71 WELDING FOR THE ARTS 3.0 Units

Provides basic welding, shop skills and instruction that artistically inclined individuals should know in order to be effective in the process of creating metal art and sculpture. Provides instruction on types of metals aluminum, iron, steel, cast iron, bronze, stainless steel, etc.), mechanical fastenings, cutting and permanent joining together of metals and alloys through welding processes such as SMAW, GMAW, GTAW, FCAW, oxyacetylene and braze welding, plasma and fuel gas cutting. Instruction includes general shop safety, equipment use, finishing, welding electricity fundamentals, welding consumable identification, and hazardous materials regulation.

Day 22964 TTh 9:00 - 9:50 810 MINER 08/19 12/20 OP V01  
Lab TTh 10:00 - 1:00 810 08/19 12/20 OP

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WLDT 72A BEGINNING LASER WELDING 2.0 Units

This course will cover the theory and concepts associated with modern laser welding of metals and materials. The use of the laser in the manufacturing environment will be shown along with typical applications. The different types of lasers available for welding. The advantages and disadvantages of continuous power laser welding and pulsed laser welding. Strongly Recommended: MATH 71 or MATH 71A and/or MATH 71B with a minimum grade of C

Eve 22965 Th 6:00 - 7:50 1056 TREFFKORN 08/19 12/20 OP 093

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WLDT 72B INTERMEDIATE LASER WELDING 3.0 Units

This course will cover the theory and applied skills associated with modern laser welding of metals and materials. Hands-on use of the laser welding equipment will be shown along with typical applications. The different types of joint configurations for welding will be covered. The tools for measuring and monitoring laser welding performance will be explored. Methods of inspection, as well as defect detection, their cause and corrective action will be discussed. Practical application of codes and specifications for industrial laser welding applications will be reviewed. Laser welding safety requirements and personal protective equipment. Prerequisite: WLDT 72A with a minimum grade of C May be taken concurrently

Eve 22997 Th 7:00 - 7:50 1056 TREFFKORN 08/19 12/20 OP 093  
Th 8:00 -10:15 814 08/19 12/20 OP  
Lab By Arr 3.0 Hrs/Wk 814 08/19 12/20 OP

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WLDT 79 MANUFACTURING PROCESSES 2.0 Units

This course examines the processes and equipment used in modern manufacturing. This course provides an excellent introduction to today's manufacturing processes, as well as an overview of the processes and equipment used in modern manufacturing. The course concentrates on the five major types of industrial materials; metals, plastics, ceramics, woods, and composites. It provides thorough coverage of the forming, separating, fabricating, conditioning, and finishing processes related to each material. The course also includes the materials and manufacturing processes used in packaging finished goods. The proper and safe use of hand tools, basic shop tools, manufacturing and welding equipment will be covered. Understanding the relationship between

manufacturing processes, materials properties, materials processing and design.

Day 22184 Mon 1:30 - 2:45 810 MINER 08/19 12/20 OP V01  
Lab Mon 2:55 - 4:10 810 08/19 12/20 OP

\*\*\*\*\*WOMENS STUDIES

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WMST 1 INTRO TO WOMENS STUDIES 3.0 Units

Examines the cultural, historical, social, political and economic experiences of women in the United States. Introduces feminist perspectives on a wide range of issues affecting women incorporating race, class, ethnicity, sexual orientation and the life cycle. Analysis of African American women, Asian American women, Chicanas, European American women and Middle Eastern American women.

Day 20915 TTh 11:00 -12:15 2480 BENGIVENO 08/19 12/20 OP V01

\*\*\*\*\*WORK EXPERIENCE LPC

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WRKX 94 OCCUPATIONAL WORK EXP/INTERN. 1.0 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 .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.

Day 22848 By Arr 1.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS1  
WRKX 94-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room PE209. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based on the number of hours worked per semester. To determine your

units, please refer to the Units and Hours chart on the following website:

mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23717 By Arr 2.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS2

WRKX 94-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room PE209.

Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester.

Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:

mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23718 By Arr 3.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS3

WRKX 94-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room PE209.

Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester.

Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:

mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23719 By Arr 4.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS4

WRKX 94-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room PE209.

Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester.

Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:

mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23720 By Arr 5.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS5

WRKX 94-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room PE209.

Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester.

Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:

mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23721 By Arr 6.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS6

WRKX 94-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room PE209.

Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester.

Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:



mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23722 By Arr 7.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS7

WRKX 94-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room PE209. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based are the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:

mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23723 By Arr 8.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS8

WRKX 94-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room PE209. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based are the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:

mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

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WRKX 95 GENERAL WORK EXPERIENCE

1.0 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 .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.

Day 22850 By Arr 1.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS1

WRKX 95-LS1 is a late start course that requires internet access. There is one on campus meeting on Tuesday, September 3, from 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based are the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:

mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 22851 By Arr 2.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS2

WRKX 95-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:  
mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 20736 By Arr 3.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS3

WRKX 95-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:  
mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 22849 By Arr 4.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS4

WRKX 95-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:  
mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23715 By Arr 5.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS5

WRKX 95-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:  
mailto: <http://www.laspositascollege.edu/workexperience/faq.php>

Day 23716 By Arr 6.0 Hrs/Wk tba LAUFFER 09/03 12/20 OP LS6

WRKX 95-LS1 is a late start course that requires internet access. There is one on campus meeting on Wednesday, September 4 from 6:00-8:00PM in Room 1726. Students must already have employment or unpaid work. WRKX units earned are based on hours worked during the semester. To enroll in the correct section, you need to determine the number of units you will earn during the semester. Units are based on the number of hours worked per semester. To determine your units, please refer to the Units and Hours chart on the following website:  
mailto: <http://www.laspositascollege.edu/workexperience/faq.php>