

# HOW TO READ THE COURSE LISTINGS

## Reading the Schedule - What does it mean?

D/E	CRN	DAYS	TIMES	ROOM	INSTR	DATES	CODES	SEC
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ANTH	I	PHYSICAL ANTHROPOLOGY				3.0 UNITS			
Humans as a biological species through an examination of fossil evidence for human evolution, behavior of nonhuman primates, and human evolutionary biology and genetics. Current anthropological issues such as the biological meaning of race, genetic diseases, and the influence of evolution on human behavior. CAN ANTH 2									
Day	20757	MW	12:30-1:45	2206	TARTE	08/17-12/20	OP	V01	
Eve	20978	Wed	7:00-9:50	2206	TARTE	08/17-12/20	OP	093	
Sat	12752	Sat	7:30-10:20	2206	ADAMS	08/17-12/20	OP	WEI	

**D/E:**  
Day, Evening, Saturday, or WEB class. Evening classes are shaded.

**CRN:**  
Course Reference Number needed to register for a specific class by WEB.

**DAYS:**  
Indicates the days the course is offered.

**TIME:**  
Indicates times that class is held.  
**COURSE CONFLICT/OVERLAP:**  
Students may not enroll in two classes that meet during any part of the same hour.

**ROOM:**  
Indicates the ROOM NUMBER in which class is held.

**INSTR:**  
Indicates the INSTRUCTOR for the class.

**DATES:**  
Indicates the START & END DATES in which class is offered

**SEC:**  
Indicates the SECTION NUMBER

**GRADE OPTIONS:**  
Indicates whether the course may be taken as a:  
GR: letter grade only  
P/N: pass/no pass  
OP: choice of either pass/no pass, or letter grade.

Please note that Las Positas College offers many courses that are held off campus. These classes will be notated with a star (\*).

“STAFF” notation: As courses are assigned to instructors, the changes will be posted on CLASS-Web and The ZONE.

\*Courses are open to all students who meet the academic requirements.

\*All course information is subject to change.

\*Courses not meeting enrollment requirements may be cancelled.

**PREREQUISITE:**

means a condition of enrollment that a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program.

**COREQUISITE:**

means a condition of enrollment consisting of a course which a student is required to take simultaneously with another course.

**STRONGLY RECOMMENDED:**

means a condition of enrollment which a student is advised, but not required, to meet before, or in conjunction with enrollment in a course or educational program.

**Courses, dates, and times are subject to change. Please check the college website at [www.laspositascollege.edu](http://www.laspositascollege.edu) for the most up-to-date information regarding Fall course offerings.**

# SPRING 2017 COURSE LISTINGS

## EXPLANATION OF COURSE TYPES:

- Day** Indicates the course is taught between 7am and 4pm.
- Eve** Indicates the course is taught between 4pm and 10pm.
- Sat** Indicates the course is taught on Sat or Sun.
- Web** Indicates the course is an online, web-based course.

## EXPLANATION OF GRADE OPTIONS:

- GR** Course must be taken letter grade (no pass/no pass).
- OP** Course may be taken for letter grade OR pass/no pass.
- P/N** Course must be taken for pass/no pass (no letter grade).

## EXPLANATION OF SECTION NUMBERS:

- 091** AJ Program
- 093** Regular Evening class (starts 4pm or later)
- 100** AJ Academy section
- API** Apprenticeship
- CEI** Credit by Exam
- DEI** Fully Online
- FT1** Fast Track 1
- FT2** Fast Track 2
- FSA** College Foundation
- HDI** Hybrid - 51% DE (course meets 51% or more online)
- HYI** Hybrid - (course meets less than 51% online)

- LCI** ECD Learning Community
- LDI** Late Start - Hybrid 51% DE
- LEI** Late Start - Evening class
- LHI** Late Start - Hybrid
- LOI** Late Start - DE (fully online)
- LSI** Late Start - Day class
- MJI** Math Jam
- P0I** Puente Program
- STI** Alternate Instruction
- V0I** Regular Day class
- VTI** Veteran Program (grant funded)
- VCI** Valley Charter
- WEI** Saturday class
- WLC** Weekend ECD Learning Community
- X0I** Math X Program

### NOTE:

**ONLINE AND HYBRID CLASSES ARE NOTED IN PURPLE**  
**SHADING IN LISTINGS INDICATES EVENING CLASSES**

CODES: OP = Course taken for letter grade or pass/no pass; P/N = Course taken is Pass/No Pass only; GR = Course taken for letter grade only

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## ADMINISTRATION OF JUSTICE

### 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 30469 MW 12:30-1:45 2206 TARTE 01/17-05/26 OP V01

### 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.

Day 30762 TTh 12:30-1:45 2206 TARTE 01/17-05/26 GR V01

### AJ 61 EVIDENCE 3.0 Units

Origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies.

Eve 30362 Tue 7:00-9:50 1872 STEWARD 01/17-05/26 GR 093

### AJ 66 JUVENILE PROCEDURES 3.0 Units

This course is an examination of the origin, development, and organization of the juvenile justice system as it evolved in the U.S. justice system. The course explores the theories that focus on juvenile law, courts and processes, and the constitutional protections extended to juveniles in the U.S justice system.

Day 32377 MW 11:00-12:15 2206 TARTE 01/17-05/26 OP V01

### AJ 68 POLICE ETHICS AND LEADERSHIP 3.0 Units

This course will explore the ethical, legal and moral complexities of law enforcement in a democracy. From the initial application process and background investigation of a potential law enforcement recruit, to the working law enforcement officer, the course will examine society's need for ethical behavior

and leadership by law enforcement agencies and the personal commitment to ethical behavior and ethical leadership by individual law enforcement officers, both on the job and in their private lives.

Eve 30950 Th 4:00-6:50 2206 MC QUISTON 01/17-05/26 OP 093

### AJ 70 COMMUNITY RELATIONS 3.0 Units

Roles of the Administration of Justice practitioners and their agencies. Interrelationships and role expectations among various agencies and the public. Emphasis on the professional image of the system of Justice Administration and development of positive relationships between members of the system and the public.

Eve 32378 Th 7:00-9:50 2206 SPILLER 01/17-05/26 OP 093

### 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 32070 Tue 4:00-6:50 2206 HARTER 01/17-05/26 OP 093

### AJ 88 THE POLICE AND HOLLYWOOD 3.0 Units

This course will explore the evolution of how American police have been depicted in movies and television since the silent era and the "Keystone Cops" to today's TV reality shows such as "Cops." This course will look at how the media influences public opinion about the police and how the police are influenced by their depiction in movies and TV.

Eve 32879 Wed 5:00-7:50 2205 TARTE 01/17-05/26 OP 093

### AJ 9905 TACTICAL RIFLE/CARBINE OPERAT 0.8 Units

The Tactical Rifle/Carbine Operator course is a 32-hour course that provides individuals training in the tactical use of the patrol rifle. Exercises in this class will focus on the specific advanced tactical needs of the police rifle operator. This course is not a basic patrol rifle course. The course includes the tactical application of the patrol rifle as it pertains to Law Enforcement. Students will be exposed to numerous conventional and unconventional shooting positions applicable to real life law enforcement situations. The class will include, but will not be limited to, the following topics:

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mind set for the tactical officer, nomenclature, disassembly, assembly, loading, unloading, emergency action drills, low light firing, transition drills, use of unique cover, close quarter battle, weapons retention and take away, moving/multiple targets, firing on the move, qualification courses of fire and written test. This course is designed for full-time, sworn law enforcement and/or active duty military personnel.

*This course is offered in partnership with the Alameda County Sheriff's Office. Students may initiate the application process for this course, or get further information by contacting the Alameda County Sheriff's Office Regional Training Center at 6289 Madigan Road, Dublin, CA 94568. phone: 925-551-6970, website: www.sheriffacademy.com.*

Day 33036 By Arr 1.0 Hrs/Wk tba STAFF 01/17-05/26 OP 091

**AJ 9965 INTERNAL AFFAIRS INVESTIGATION 1.5 Units**

Designed to teach the student the proper investigative techniques into alleged misconduct by California peace officers and others in the employ of any California agency that employs peace officers. The student will learn legal, ethical, moral and technical standards by which these investigations shall be conducted under state law and the discipline that may result from the outcome. This class is designed for POST certified peace officers who hold a minimum of a basic POST certificate or civilian police employees who have been designated by their respective agency as an IA investigator. 1.5 hours. [Typical contact hours: lecture 26.25]

*This course is offered in partnership with the Alameda County Sheriff's Office. Students may initiate the application process for this course, or get further information by contacting the Alameda County Sheriff's Office Regional Training Center at 6289 Madigan Road, Dublin, CA 94568. phone: 925-551-6970, website: www.sheriffacademy.com.*

Day 32454 WThF 8:00-5:00 tba STAFF 01/17-05/26 OP 091  
 Day 32458 WThF 8:00-5:00 tba STAFF 01/17-05/26 OP 092

**AJ 9969 FIREARMS INSTRUCTION 2.0 Units**

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

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Day 32456 Daily 8:00-9:50 tba STAFF 01/17-05/26 OP 091  
 Lab Daily 10:00-11:50 tba 01/17-05/26 OP  
 Lab Daily 12:30-4:20 tba 01/17-05/26 OP

**AJ 9987 BASIC S.W.A.T. 2.0 Units**

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

*This course is offered in partnership with the Alameda County Sheriff's Office. Students may initiate the application process for this course, or get further information by contacting the Alameda County Sheriff's Office Regional Training Center at 6289 Madigan Road, Dublin, CA 94568. phone: 925-551-6970, website: www.sheriffacademy.com.*

Day 32457 Daily 8:00-9:50 tba STAFF 01/17-05/26 OP 091

Lab Daily 10:00-11:50 tba 01/17-05/26 OP  
 Lab Daily 12:30-4:20 tba 01/17-05/26 OP

**AJ 9998 POST BASIC SUPERVISORY 4.0 Units**

This course is designed for new supervisors who will learn about counseling sessions, employee behavior (acceptable and unacceptable), evaluation reports, a comparison and contrast of police and supervisory roles, ethical decision making, critical incident response, situational leadership, and problem solving.

*Prerequisite: Successful completion of a California POST academy and a current or pending promotion to a supervisory rank.*

*This course is offered in partnership with the Alameda County Sheriff's Office. Students may initiate the application process for this course, or get further information by contacting the Alameda County Sheriff's Office Regional Training Center at 6289 Madigan Road, Dublin, CA 94568. phone: 925-551-6970, website: www.sheriffacademy.com.*

Day 32455 Daily 8:00-12:00 tba STAFF 01/17-05/26 OP 091

## AMERICAN SIGN LANGUAGE

45 C.E. UNITS FOR RN/LVN AVAILABLE FOR COMPLETION OF ASL 1A, 1B, OR 2B

**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 30454 MW 1:30-2:45 4138 RUSSO 01/17-05/26 GR V01  
 Day 31304 TTh 5:30-6:45 2480 COLE 01/17-05/26 GR V02  
 Eve 31451 Th 7:00-9:50 104 COLE 01/17-05/26 GR 093

**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: American Sign Language 1A (completed with a grade of "C" or higher).*

Day 30519 MW 12:00-1:15 4127 RUSSO 01/17-05/26 GR V01

**ASL 2B AMERICAN SIGN LANGUAGE IV 3.0 Units**

Further development of American Sign Language (ASL) receptive/expressive skills and knowledge learned in ASL 2A. Emphasis on conversational skills in functional situations, continued expansion of vocabulary and knowledge of Deaf culture and the Deaf community.

*Prerequisite: American Sign Language 2A (with a grade "C" or higher).*

Eve 30455 Tue 7:00-9:50 2480 COLE 01/17-05/26 GR 093

## ANTHROPOLOGY

**ANTR I BIOLOGICAL/PHYSICAL ANTHRO 3.0 Units**

This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Issues and topics will include, but are not limited to, genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as foundation of the course. The course may include a lab component.

Day 31189 TTh 9:30-10:45 2203 HASTEN 01/17-05/26 OP V01

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Day	31190	TTh	11:00-12:15	2203	HASTEN	01/17-05/26	OP	V02
Day	31191	TTh	12:30-1:45	2203	HASTEN	01/17-05/26	OP	V03
Day	31657	MW	2:00-3:15	2203	MURRAY	01/17-05/26	OP	V04
Day	32570	Fri	8:00-10:50	2203	BUYAGAWAN	01/17-05/26	OP	V05
Eve	31998	Tue	7:00-9:50	2203	MURRAY	01/17-05/26	OP	093

Web 31188 By Arr 3.0 Hrs/Wk ONLINE OEH 01/17-05/26 OP DEI  
**ANTR 1-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**ANTR 1L BIOLOGICAL/PHYSICAL ANTHRO LAB 1.0 Units**

This laboratory course is offered as a supplement to Introduction to Biological Anthropology either taken concurrently or in a subsequent term. Laboratory exercises are designed to introduce students to the scientific method and explore genetics, human variation, human and non-human primate anatomy and behavior, the primate/hominin fossil record and other resources to investigate processes that affect human evolution.

*Prerequisite: ANTR 1 (may be taken concurrently). Strongly recommended: Eligibility for ENG 1A. 3 hours laboratory.*

Day	31193	Lab Mon	3:30-6:20	2203	KOHLER	01/17-05/26	OP	V01
Day	31194	Lab Wed	3:30-6:20	2203	WILLIAMS	01/17-05/26	OP	V02
Day	32344	Lab Fri	11:00-1:50	2203	BUYAGAWAN	01/17-05/26	OP	V03
Day	33044	Lab Tue	3:30-6:20	2203	STAFF	01/17-05/26	OP	V04

**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.

Day	31196	TTh	2:00-3:15	2203	WILLIAMS	01/17-05/26	OP	V01
Web	31195	ONLINE		OEH	01/17-05/26	OP	DEI	

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

**ANTR 3 SOCIAL/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	31197	MW	9:30-10:45	2203	HASTEN	01/17-05/26	OP	V01
Day	31198	MW	11:00-12:15	2203	HASTEN	01/17-05/26	OP	V02

**ANTR 4 LANGUAGE AND CULTURE 3.0 Units**

This introductory course serves as a foundation for understanding language from an anthropological perspective, addressing such core questions as how, what, when, where, why and with whom we communicate. This course surveys three core areas in linguistic anthropology--structural linguistics: phonetics, phonology, morphology and syntax, as well as the biocultural basis of language; historical linguistics: origins and evolution/change, dialects, and language families; and sociocultural linguistics: language acquisition in cultural context, emphasizing the relationship between language and culture, and issues of language conservation and loss.

Day	32345	MW	12:30-1:45	2203	MURRAY	01/17-05/26	OP	V01
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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.

Eve	31199	Th	6:30-9:45	2203	BUYAGAWAN	01/31-05/26	OP	LEI
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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.

Day	31192	Th	3:30-6:20	2203	WILLIAMS	01/17-05/26	OP	V01
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## ART-HISTORY

**ARHS 1 INTRODUCTION TO ART 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.

Day	32440	MW	2:00-3:15	4212	ALBAIR	01/17-05/26	OP	V01
Eve	31220	Mon	6:00-8:50	2490	ALBAIR	01/17-05/26	OP	093

**ARHS 4 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. 3 hours lecture.

Day	31021	Tue	2:00-4:50	4213	HOWELL	01/17-05/26	OP	V01
Eve	32441	Mon	6:00-8:50	2470	HOWELL	01/17-05/26	OP	093

**ARHS 5 ART HISTORY-RENAISSANCE MDRN 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. 3 hour lecture.

Eve	31299	Th	6:00-8:50	2450	HOWELL	01/17-05/26	OP	093
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## ART

### 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. 2 hours lecture, 4 hours studio.

Eve	31018	TTh	7:00-7:50	501	SATTERTHWAI	01/17-05/26	OP	093
Lab		TTh	8:00-9:50	501		01/17-05/26	OP	

### ARTS 2B DRAWING AND COMPOSITION 3.0 Units

Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical contemporary approaches to drawing.

*Prerequisite: Art 2A (completed with a grade of "C" or higher).*

Day	31019	MW	8:30-9:20	501	WAGNER	01/17-05/26	OP	V01
Lab		MW	9:30-11:20	501		01/17-05/26	OP	

Eve	31020	TTh	7:00-7:50	501	SATTERTHWAI	01/17-05/26	OP	093
Lab		TTh	8:00-9:50	501		01/17-05/26	OP	

### ARTS 3A FIGURE AND COMPOSITION I 3.0 Units

Introduction to drawing the human figure from observation. Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure.

*Strongly recommended: Art 2A.*

Day	31022	TTh	9:30-10:20	501	WAGNER	01/17-05/26	OP	V01
Lab		TTh	10:30-12:20	501		01/17-05/26	OP	

### ARTS 3B FIGURE AND COMPOSITION II 3.0 Units

Development of knowledge and skills introduced in Art 3A, with an emphasis on composition, color, and drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches.

*Prerequisite: Arts 3A (completed with a grade of "C" or higher).*

Day	31023	TTh	9:30-10:20	501	WAGNER	01/17-05/26	OP	V01
Lab		TTh	10:30-12:20	501		01/17-05/26	OP	

### ARTS 3C FIGURE AND COMPOSITION III 3.0 Units

Advanced application of knowledge and skills introduced in Arts 3B, with emphasis on composition, color, and drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will start to utilize personal approaches and media to drawing the figure.

*Prerequisite: Arts 3B (with a minimum grade of "C" or higher).*

Day	31024	TTh	9:30-10:20	501	WAGNER	01/17-05/26	OP	V01
Lab		TTh	10:30-12:20	501		01/17-05/26	OP	

### ARTS 3D FIGURE AND COMPOSITION IV 3.0 Units

Advanced application of knowledge and skills introduced in Arts 3C at a more personal level. Drawing the figure with charcoal, cont , graphite, ink, watercolor, pastels, and tempera

with emphasis on composition and color and drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure.

*Prerequisite: Art 3C (completed with a grade of "C" or higher).*

Day	31025	TTh	9:30-10:20	501	WAGNER	01/17-05/26	OP	V01
Lab		TTh	10:30-12:20	501		01/17-05/26	OP	

### 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: Art 2A.*

Day	31026	TTh	2:00-2:50	501	SATTERTHWAI	01/17-05/26	OP	V01
Lab		TTh	3:00-4:50	501		01/17-05/26	OP	

### ARTS 7B WATERCOLOR PAINTING 3.0 Units

Development of knowledge and skills introduced in 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: Art 7A (completed with a grade of "C" or higher).*

Day	31027	TTh	2:00-2:50	501	SATTERTHWAI	01/17-05/26	OP	V01
Lab		TTh	3:00-4:50	501		01/17-05/26	OP	

### ARTS 7C ADV WATERCOLOR PAINTING I 3.0 Units

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

*Prerequisite: Art 7B (completed with a grade of "C" or higher).*

Day	31028	TTh	2:00-2:50	501	SATTERTHWAI	01/17-05/26	OP	V01
Lab		TTh	3:00-4:50	501		01/17-05/26	OP	

### ARTS 7D ADV 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: Art 7C (completed with a grade of "C" or higher).*

Day	31029	TTh	2:00-2:50	501	SATTERTHWAI	01/17-05/26	OP	V01
Lab		TTh	3:00-4:50	501		01/17-05/26	OP	

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

Introduction to principles, elements, and practices of perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

Day	31030	Fri	9:00-10:50	501	WAGNER	01/17-05/26	OP	V01
Lab		Fri	11:00-2:50	501		01/17-05/26	OP	

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

Development of knowledge and skills introduced in Arts 12A with emphasis on the principles, elements, and practices of 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.

*Prerequisite Arts 12A (completed with a grade of "C" or higher).*

Day	31031	Fri	9:00-10:50	501	WAGNER	01/17-05/26	OP	V01
Lab		Fri	11:00-2:50	501		01/17-05/26	OP	

### 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:* Art 12B or equivalent (completed with a grade of "C" or higher).

Day	31032	Fri	9:00-10:50	501	WAGNER	01/17-05/26	OP	Y01
Lab		Fri	11:00-2:50	501		01/17-05/26	OP	

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

Advanced projects in oil or acrylic painting with emphasis on demonstrating functional competence and an intellectual understanding of advanced personal ideas.

*Prerequisite:* ARTS 12C (completed with a grade of "C" or higher).

Day	31033	Fri	9:00-10:50	501	WAGNER	01/17-05/26	OP	Y01
Lab		Fri	11:00-2:50	501		01/17-05/26	OP	

**ARTS 13A ACRYLIC PAINTING:BEGIN I 3.0 Units**

Introduction to principles, elements, and practices of acrylic painting. Focus on exploration of painting mixing and technique, as well as creative responses to materials and subject matter.

*Prerequisite:* Arts 2A (completed with a grade "C" or higher).

Day	31034	Fri	9:00-10:50	501	WAGNER	01/17-05/26	OP	Y01
Lab		Fri	11:00-2:50	501		01/17-05/26	OP	

**ARTS 13B ACRYLIC PAINTING:BEGIN II 3.0 Units**

Development of knowledge and skills introduced in Arts 13A with emphasis on the principles, elements, and practices of acrylic painting. Focus on exploration of acrylic painting materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

*Prerequisite:* Arts 13A or equivalent (completed with a grade of C or higher).

Day	31035	Fri	9:00-10:50	501	WAGNER	01/17-05/26	OP	Y01
Lab		Fri	11:00-2:50	501		01/17-05/26	OP	

**ARTS 13C ACRYLIC PAINTING:ADVANCED I 3.0 Units**

Advanced projects in acrylic painting with emphasis on individual creative work and development of personal ideas and style.

*Prerequisite:* Art 13B or equivalent (completed with a grade of C or higher).

Day	31036	Fri	9:00-10:50	501	WAGNER	01/17-05/26	OP	Y01
Lab		Fri	11:00-2:50	501		01/17-05/26	OP	

**ARTS 13D ACRYLIC PAINTING:ADVANCED II 3.0 Units**

Advanced projects in acrylic painting with emphasis on demonstrating functional competence and intellectual understanding of advanced personal ideas.

*Prerequisite:* Arts 13C or equivalent (completed with a grade of "C" or higher). 2 hours lecture, 4 hours studio.

Day	31037	Fri	9:00-10:50	501	WAGNER	01/17-05/26	OP	Y01
Lab		Fri	11:00-2:50	501		01/17-05/26	OP	

**ARTS 23 2-D DESIGN 3.0 Units**

Introduction to the concepts, applications, and historical references related to 2-dimensional art and composition, including the study of the basic principles and elements of line, shape, texture, value, color and spatial illusion. Development of a visual vocabulary for creative expression through lecture presentations, studio projects, problem solving, and written assignments.

Day	31655	MW	2:00-2:50	501	OBLAK	01/17-05/26	OP	Y01
		MW	3:00-4:50	501		01/17-05/26	OP	

**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	31561	MW	7:00-7:50	501	ROBERTS	01/17-05/26	OP	093
		MW	8:00-9:50	501		01/17-05/26	OP	

## ASTRONOMY

**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.

Eve	30180	TTh	5:00-6:15	1871	STAFF	01/17-05/26	OP	093
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Web 30245 By Arr 3.0 Hrs/Wk ONLINE HARPELL 01/17-05/26 OP DEI

*ASTR 10-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

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

Introduction to study of stars, galaxies, 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.

Day	31058	Tue	7:00-8:15	1874	STAFF	01/17-05/26	OP	HY1
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*ASTR 20-HY1 is a hybrid course. Class will meet each Tuesday as scheduled. The remaining hours will be completed online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>*

**ASTR 30 INTRO TO ASTRONOMY LAB 1.0 Units**

Introduction to laboratory principles and techniques in astronomy. Includes telescope operation and measuring stellar magnitudes, spectral lines, motions of the sun, moon and planets.

*Prerequisite/Corequisite:* ASTR 10 or ASTR 20

Eve	30109	Lab Wed	7:00-9:50	1831	STAFF	01/17-05/26	OP	093
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## AUTOMOTIVE TECHNOLOGY

**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	32861	Mon	6:00-7:50	817	HAGOPIAN	01/17-05/26	OP	093
		Lab Mon	8:00-9:50	809		01/17-05/26	OP	
		Lab Wed	6:00-9:50	809		01/17-05/26	OP	

Sat	32862	Sat	9:00-10:50	817	HAGOPIAN	01/17-05/26	OP	WE1
		Lab Sat	11:00-4:50	809		01/17-05/26	OP	

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**AUTO A4 SUSPENSION AND STEERING 4.0 Units**

Diagnosis, evaluation, testing, adjustment, alignment and repair of steering and suspension systems. Including all common automotive steering and suspension systems both car and truck. Future systems will also be covered.

*Students are strongly recommended to enroll in Automotive Lab concurrently.*

Day	32864	TTh	1:00-1:50	817	JOHNSON	01/17-05/26	OP	V01
Lab		TTh	2:00-4:50	809		01/17-05/26	OP	

**AUTO A5 BRAKES 4.0 Units**

Diagnosis, evaluation, inspection, adjustment, and repair of braking, antilock braking systems, traction control and related devices. Class will involve California State law regarding brake and safety inspections. Includes the material on the California Brake Adjuster's Licensing Examination.

*Students are strongly recommended to enroll in Automotive Lab concurrently.*

Day	32865	MW	8:00-9:15	817	JOHNSON	01/17-05/26	OP	V01
Lab		MW	9:30-10:45	809		01/17-05/26	OP	

**AUTO A6 ELECTRICAL/ ELECTRONIC SYSTEMS 5.0 Units**

Automotive electrical/electronic systems, including electrical circuits, ohms law, battery, starting, charging, ignition, fuel, accessories, brakes, chassis, suspension, steering, HVAC and wiring systems. Emphasis on diagnosis of electrical troubles, assembly, and repair of components and diagnostic equipment usage.

*Students are strongly recommended to enroll in Automotive Lab concurrently.*

Day	32866	TTh	8:00-9:15	817	JOHNSON	01/17-05/26	OP	V01
Lab		TTh	9:30-10:45	809		01/17-05/26	OP	

**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	32381	TTh	6:00-8:20	817	HAGOPIAN	01/17-05/26	OP	093
Lab		TTh	8:30-9:20	809		01/17-05/26	OP	

**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. 6 hours laboratory.

*Prerequisite: Automotive Technology INTRO may be taken concurrently.*

Day	32863	Lab MW	1:00-3:50	809	JOHNSON	01/17-05/26	OP	V01
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## BIOLOGICAL SCIENCES

**BIO 1A GENERAL BOTANY 5.0 Units**

Plant structure and function, with emphasis on anatomy, morphology, and physiology of higher (flowering) plants. Includes evolutionary sequence of plant forms and basic principles of ecology. (Note: Formerly BOTN 1)

*Prerequisite: MATH 55 OR 55B or an appropriate skill level demonstrated through the mathematics assessment process. Strongly recommended: BIO 30 (formerly BIOL 31)*

Day	32386	MW	11:30-12:45	1873	SHULDMAN	01/17-05/26	OP	V01
Lab		TTh	10:30-1:20	1855		01/17-05/26	OP	
Day	32387	MW	1:00-2:15	1873	SHULDMAN	01/17-05/26	OP	V02
Lab		TTh	2:00-4:50	1855		01/17-05/26	OP	

**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 or an appropriate skill level demonstrated through the mathematics assessment process. Strongly recommended: BIO 30 (formerly BIOL 31).*

Day	32300	MW	11:30-12:45	1872	STAFF	01/17-05/26	OP	V01
Lab		TTh	10:30-1:20	1851		01/17-05/26	OP	
Eve	32388	MW	5:00-6:15	1872	STAFF	01/17-05/26	OP	093
Lab		MW	6:30-9:20	1851		01/17-05/26	OP	

**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: Math 55; Biology 1A (formerly Botany 1) or BIO 1B (formerly ZOO 1) completed with a grade of "C" or higher; Chemistry 1A*

Day	32275	TTh	9:00-10:15	1814	STAFF	01/17-05/26	OP	V01
Lab		W F	8:00-10:50	1854		01/17-05/26	OP	
Day	33037	TTh	10:30-11:45	1814	STAFF	01/17-05/26	OP	V02
Lab		W F	11:30-2:20	1854		01/17-05/26	OP	

**BIO 7A HUMAN ANATOMY 5.0 Units**

Structure and function of the human body with emphasis on microscopic, gross, and developmental anatomy. Microscopic examination of normal and pathological tissues, and dissection, supplemented by use of charts, models, and computer assisted instruction. (Note: Formerly ANAT 1)

*Prerequisite: BIO 30 (formerly BIOL 31) or equivalent course (completed with a grade of "C" or higher). Strongly recommended: Eligibility for ENG 1A*

Day	32272	MW	9:30-10:45	1858	STAFF	01/17-05/26	OP	V01
Lab		MW	11:00-1:50	1858		01/17-05/26	OP	
Day	32273	TTh	9:30-10:45	1858	HIGHT	01/17-05/26	OP	V02
Lab		TTh	11:00-1:50	1858		01/17-05/26	OP	
Eve	32274	MW	5:30-6:45	1858	STAFF	01/17-05/26	OP	093
Lab		MW	7:00-9:50	1858		01/17-05/26	OP	

**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. (Note: Formerly PHSI 1)

*Prerequisite: ANAT 1 or BIO 7A, CHEM 30A, or CHEM 31, or CHEM 1A (all completed with grade of "C" or higher). Strongly recommended: CHEM 30B and ENG 1A, (all completed with grade of "C" or higher).*

Day	32298	MW	9:30-10:45	1814	HIGHT	01/17-05/26	OP	V01
Lab		MW	11:15-2:05	1810		01/17-05/26	OP	
Day	32299	TTh	12:00-1:15	1814	CARBONE	01/17-05/26	OP	V02
Lab		TTh	2:00-4:50	1810		01/17-05/26	OP	

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Eve	32389	TTh	5:00-6:15	1872	STAFF	01/17-05/26	OP	093
	Lab	TTh	6:30-9:20	1810		01/17-05/26	OP	

**BIO 7C MICROBIOLOGY 5.0 Units**

Bacteria, fungi, protozoans, parasites, and viruses 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 staining, investigation, cultivation, identification of unknowns, and sensitivity testing. (Note: Formerly MICR 1)

Prerequisite: BIOL 30 (formerly BIOL 31) (completed with a grade of "C" or higher); Chemistry 30A or Chemistry 1A (all completed with a grade of "C" or higher). Strongly recommended: BIO 7A (formerly ANAT 1).

Day	32296	TTh	12:30-1:45	1872	STAFF	01/17-05/26	OP	Y01
	Lab	TTh	8:00-10:50	1854		01/17-05/26	OP	
Day	32297	TTh	2:15-3:30	1872	STAFF	01/17-05/26	OP	Y02
	Lab	TTh	11:00-1:50	1854		01/17-05/26	OP	

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

Basic principles of biology, dealing with the nature of living things, and the nature of scientific investigation and its bioethical impact in our modern world. Designed for non-majors in biology and biomedical sciences. (Note: Formerly BIOL 10)

Day	32276	MW	8:00-9:15	1872	STAFF	01/17-05/26	OP	Y01
	Lab	Mon	3:00-5:50	1855		01/17-05/26	OP	
Day	32277	MW	8:00-9:15	1872	STAFF	01/17-05/26	OP	Y02
	Lab	Wed	3:00-5:50	1855		01/17-05/26	OP	
Eve	32278	MW	5:00-6:15	1873	STAFF	01/17-05/26	OP	093
	Lab	Mon	6:30-9:20	1855		01/17-05/26	OP	
Eve	32279	MW	5:00-6:15	1873	STAFF	01/17-05/26	OP	094
	Lab	Wed	6:30-9:20	1855		01/17-05/26	OP	

**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)

Day	32280	TTh	9:30-10:45	1873	BOAZ	01/17-05/26	OP	Y01
Web	32281	ONLINE			STAFF	01/17-05/26	OP	DEI

BIO 20-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**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 65 or 65B and eligibility for English 1A.

Day	32282	MW	8:00-9:15	1873	BOAZ	01/17-05/26	OP	Y01
	Lab	Fri	8:00-10:50	1851		01/17-05/26	OP	
Day	32283	MW	8:00-9:15	1873	BOAZ	01/17-05/26	OP	Y02
	Lab	Mon	10:00-12:50	1855		01/17-05/26	OP	
Day	32284	MW	9:30-10:45	1873	CARBONE	01/17-05/26	OP	Y03
	Lab	Mon	11:30-2:20	1851		01/17-05/26	OP	
Day	32285	MW	9:30-10:45	1873	CARBONE	01/17-05/26	OP	Y04
	Lab	Wed	11:30-2:20	1851		01/17-05/26	OP	
Day	32286	MW	1:00-2:15	1872	STAFF	01/17-05/26	OP	Y05
	Lab	Mon	2:45-5:35	1851		01/17-05/26	OP	

Day	32287	MW	1:00-2:15	1872	STAFF	01/17-05/26	OP	V06
	Lab	Wed	2:45-5:35	1851		01/17-05/26	OP	
Day	32288	TTh	8:00-9:15	1872	STAFF	01/17-05/26	OP	V07
	Lab	Mon	8:00-10:50	1851		01/17-05/26	OP	
Day	32289	TTh	8:00-9:15	1872	STAFF	01/17-05/26	OP	V08
	Lab	Wed	8:00-10:50	1851		01/17-05/26	OP	
Day	32290	TTh	12:30-1:45	1873	BOAZ	01/17-05/26	OP	V09
	Lab	Tue	2:30-5:20	1851		01/17-05/26	OP	
Day	32291	TTh	12:30-1:45	1873	BOAZ	01/17-05/26	OP	V10
	Lab	Th	2:30-5:20	1851		01/17-05/26	OP	
Eve	32292	TTh	5:30-6:45	1873	STAFF	01/17-05/26	OP	093
	Lab	Tue	7:00-9:50	1851		01/17-05/26	OP	
Eve	32293	TTh	5:30-6:45	1873	STAFF	01/17-05/26	OP	094
	Lab	Th	7:00-9:50	1851		01/17-05/26	OP	

**BIO 40 HUMANS AND THE ENVIRONMENT 3.0 Units**

Identification of problems created by humans modification of their environment by focusing on ecological interactions involving the human species; investigating the life processes of organisms as they relate to specific environments. 3 hours. (Note: Formerly ECOL 10)

Day	32390	TTh	11:00-12:15	1872	STAFF	01/17-05/26	OP	V01
Web	32391	ONLINE			STAFF	01/17-05/26	OP	DEI

BIO 40-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**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. (Note: Formerly BIOL 50)

Day	32294	TTh	9:30-10:45	1872	STAFF	01/17-05/26	OP	V01
	Lab	Fri	9:00-11:50	1858		01/17-05/26	OP	
Day	32295	TTh	2:30-3:45	1858	STAFF	01/17-05/26	OP	V02
	Lab	Th	4:00-6:50	1858		01/17-05/26	OP	
Day	32392	MW	9:30-10:45	1872	STAFF	01/17-05/26	OP	V03
	Lab	Tue	4:00-6:50	1858		01/17-05/26	OP	

**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	32959	MW	12:30-1:45	1814	STAFF	01/17-05/26	OP	V01
	Lab	Wed	2:30-5:20	1810		01/17-05/26	OP	

## BUSINESS

**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, the classified financial statements for merchandising and service companies, and statement analysis. Also includes issues related to asset, liability and equity valuation; revenue and expense recognition, cash flow, internal controls and ethics. (Formerly Principles of Accounting 1A)



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**Internet access is required for all BUSN IA sections.**

Day	32338	MW	9:00-10:50	2206	CHOPRA	01/17-05/26	OP	HYI
			ONLINE/HYBRID			01/17-05/26	OP	

**BUSN IA-HYI is a hybrid course.** Students will meet on campus Mondays and Wednesdays, from 9:00-10:50am, in Room 2206. Each week students will complete the remaining one hour 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	30337	TTh	9:30-11:20	2206	BELL	01/17-05/26	OP	V01
Lab		Tue	11:30-12:20	2206		01/17-05/26	OP	

Day	30843	TTh	2:00-3:50	2306	BELL	01/17-05/26	OP	V02
Lab		Tue	4:00-4:50	2306		01/17-05/26	OP	

Eve	31489	TTh	7:00-8:50	2470	YAP	01/17-05/26	OP	093
Lab		Tue	9:00-9:50	2470		01/17-05/26	OP	

**Web 31871 ONLINE CHOPRA 01/17-05/26 OP DEI**  
**BUSN IA-DEI is an online course.** For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**BUSN IB 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: Business 1A (completed with a grade of "C" or higher).

**Internet access is required for all BUSN IB sections.**

Day	30706	MW	12:30-2:20	2204	CHOPRA	01/17-05/26	OP	V01
Lab		Mon	2:30-3:20	2204		01/17-05/26	OP	

Eve	30338	Mon	5:00-6:50	1641	BELL	01/17-05/26	OP	093
		Wed	5:00-6:50	1641		01/17-05/26	OP	
Lab		Mon	7:00-7:50	1641		01/17-05/26	OP	

**Web 32339 ONLINE CHOPRA 01/17-05/26 OP DEI**  
**BUSN IB-DEI is an online course.** For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**BUSN 18 BUSINESS LAW 4.0 Units**

A study of the legal environment of business. Covering laws and regulations impacting business decisions transactions. Introduction to the legal process. Topics include sources of legal concepts and ethics, criminal law, torts, contracts, consumer financial transactions, environment, competition, agency, criminal law, business organizations, and judicial and administrative processes.

Strongly recommended: BUSN 40 and ENG 1A.

Day	30694	TTh	11:00-12:15	2470	WEAVER	01/17-05/26	OP	HYI
			ONLINE/HYBRID			01/17-05/26	OP	

**BUSN 18-HYI is a hybrid course.** Students will meet on campus Tuesdays and Thursdays from 11am-12:15pm in Room 2470. Each week, students will be complete the remaining one hour 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	32340	TTh	2:30-4:20	2450	STAFF	01/17-05/26	OP	V01
Eve	31490	Mon	6:00-9:50	2450	STAFF	01/17-05/26	OP	093

**Web 30536 ONLINE WEAVER 01/17-05/26 OP DEI**  
**BUSN 18-DEI 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	32583	ONLINE			WEAVER	01/17-05/26	OP	DE2
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**BUSN 18-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>.

**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.

Day	30710	TTh	9:30-10:45	2204	STOKKE	01/17-05/26	OP	V01
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**Internet access required for BUSN 30-V01**

**Web 32342 ONLINE STOKKE 01/17-05/26 OP DEI**  
**BUSN 30-DEI is an online course.** For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**BUSN 40 INTRODUCTION TO BUSINESS 3.0 Units**

A multidisciplinary examination and introduction to business operations within the U.S. and global society. 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: English 1A.

Day	30340	MW	11:00-12:15	2420	WEAVER	01/17-05/26	OP	V01
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**Internet access is required for BUSN 40-V01.**

Day	31491	TTh	11:00-12:15	2205	ARROYO	01/17-05/26	OP	V02
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**Internet access is required for BUSN 40-V02.**

Day	32343	MW	2:30-3:45	1641	STAFF	01/17-05/26	OP	V03
Eve	30462	Tue	6:00-8:50	105	LEDERER	01/17-05/26	OP	093

**Web 30339 ONLINE WEAVER 01/17-05/26 OP DEI**  
**BUSN 40-DEI 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 32018 ONLINE WEAVER 01/17-05/26 OP DE2**  
**BUSN 40-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 32019 ONLINE WEAVER 03/27-05/19 OP L01**  
**BUSN 40-L01 is an online Late Start course that meets from Mar 27-May 19.** For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**Web 33054 ONLINE STAFF 02/13-04/07 OP L02**  
**BUSN 40-L02 is an online Late Start course that meets from Feb 13-Apr 7.** For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**BUSN 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 in Computer Information Systems 43, Computer Networking Technology 43,

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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or Computer Science 43 may not receive credit.

Prerequisite: English 1A

**Web 32021 ONLINE/HYBRID AUSTIN 01/17-05/26 OP HDI**  
**BUSN 43-HDI is a hybrid course. All class meetings will be online, EXCEPT on the following dates when students will meet on campus from 10:00am-12:50pm in Room 2460: January 21, March 11, and either May 6 or May 13. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**BUSN 48 HUMAN RELATIONS IN WORKPLACE 3.0 Units**  
 An introduction to the interpersonal skills needed in today's workplace with a focus on decision making, cross cultural relations, resolving conflict, managing change, group dynamics, ethical behavior, becoming a leader, and personal career management. Students who have completed Supervision 81 may not receive credit.

**Web 30841 ONLINE STEIN 01/31-05/26 OP LOI**  
**BUSN 48-LOI is a Late Start online course that meets from Jan 31-May 26. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**BUSN 51A GENERAL ACCOUNTING I 3.0 Units**  
 Bookkeeping practice; debit and credit practice; books of original entry; ledgers, working papers, adjusting and closing entries; income statement, balance sheet, and statement of owners' equity, cash, payroll, special journals, merchandising firms.

*Internet access is required for this course.*

Day	31560	MW	12:30-1:45	104	BELL	01/17-05/26	OP	V01
	Lab	Mon	2:00-2:50	104		01/17-05/26	OP	

**BUSN 53 BUSINESS CORRESPONDENCE 3.0 Units**  
 Development of skills in organizing and writing business letters, memoranda, reports, resumes, and letters of application with emphasis on rules for punctuation, spelling, and grammar which meet the needs of modern business.

*Strongly recommended: Eligibility for English 1A.*

**Web 31648 ONLINE DENYER 01/17-05/26 OP DEI**  
**BUSN 53-DEI is an online course that meets from January 17-March 23. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**BUSN 55 BUSINESS MATHEMATICS 3.0 Units**  
 Mathematics to solve typical business problems including simple interest, compound interest, installment sales, trade and cash discounts, markon percents, pricing, discounting notes and drafts, depreciation, taxes, insurance, statistics, stocks and bonds, and distribution of ownership and profits.

*Strongly recommended: Business 105A and 105B or 107.*

Eve	30460	Tue	5:30-7:20	2450	CHOPRA	01/17-05/26	OP	HYI

**BUSN 55-HYI is a hybrid course. Students will meet on campus Tuesdays from 5:30-7:20pm in Room 2450. 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>.**

**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.

**Web 30838 ONLINE JUREVICH 01/17-05/26 OP DEI**  
**BUSN 56-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**BUSN 58 SMALL BUSINESS MANAGEMENT 3.0 Units**  
 Fundamentals of starting and operating a business. Emphasis on achieving optimum benefits from limited resources. Focus on management functions, financing options, e-commerce, marketing, and regulatory issues encountered by start-up businesses. 3 hours lecture.

*Strongly recommended: Business 51 or Business 1A.*

**Web 32881 ONLINE PATTERSON 01/17-05/26 OP DEI**  
**BUSN 58-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**BUSN 61 INTRO.TO QUICKBOOKS ACCTG 1.5 Units**  
 Introduction to the use of QuickBooks accounting software to process transactions related to a service company. Specific topics include using company files, sales and receivables, payables and purchases, 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 51A or equivalent.*

**Web 30868 ONLINE DORSETT 01/17-05/26 OP DEI**  
**BUSN 61-DEI is an online course. For more information see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**BUSN 74 OFFICE PROCEDURES 3.0 Units**  
 Introduction to office principles and procedures including 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, written and oral business communications, conflict resolution and office etiquette. Prepares administrative professionals to work in a diversified workforce with emerging technologies.

*Strongly recommended: CIS 8 and CIS 71C.*

**Web 31216 ONLINE HARTMANN 01/17-05/26 OP DEI**  
**BUSN 74-DEI 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 2013 software.*

**BUSN 77 FIN. & INS. PROCDRS. FOR MED OFC 3.0 Units**  
 A comprehensive study of medical documentation, Insurance claims, coding, billing and collection strategies. Procedures and paperwork involving various insurance providers including Tricare, Medicare, Medi-claim, Workman's compensation, Disability Insurance, and private insurance carriers in inpatient and outpatient care. Privacy rules and regulation governed by HIPAA involving patient confidential information.

**Web 32810 ONLINE HALL-PATTER 01/24-05/26 OP DEI**  
**BUSN 77-DEI is a Late Start online course. This course will meet online every Tuesday and Thursday from 6:30-8:45pm through [gotomeeting.com](http://gotomeeting.com). For more information see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**BUSN 88 HUMAN RESOURCES MANAGEMENT 3.0 Units**  
 Introduction to the management of human resources with an emphasis on understanding the impact and accountability to the organization in terms of human resource decisions and activities. Focus on best strategies and practices in recruitment and selection, performance management, compensation and benefits, employee relations, and workplace health, safety and security.

*Strongly recommended: Business 56.*

**Web 30867 ONLINE JUREVICH 01/17-05/26 OP DEI**  
**BUSN 88-DEI is an online course. For more information, see the**

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

## CHEMISTRY

### 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	30112	TTh	8:00-9:15	1816	STAFF	01/17-05/26	GR	V01
	Lab	MW	8:00-10:50	1802		01/17-05/26	GR	
Day	30525	TTh	2:30-3:45	1816	STAFF	01/17-05/26	GR	V02
	Lab	MW	1:30-4:20	1802		01/17-05/26	GR	
Eve	32393	TTh	5:30-6:45	1816	STAFF	01/17-05/26	OP	093
	Lab	MW	6:00-8:50	1802		01/17-05/26	OP	

### 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	32064	MW	8:00-9:15	1871	ANSELL	01/17-05/26	GR	V01
	Lab	TTh	8:00-10:50	1802		01/17-05/26	GR	
Day	30113	MW	1:00-2:15	1871	STAFF	01/17-05/26	GR	V02
	Lab	TTh	1:30-4:20	1802		01/17-05/26	GR	
Eve	32880	MW	5:00-6:15	1816	STAFF	01/17-05/26	OP	093
	Lab	TTh	6:00-8:50	1802		01/17-05/26	OP	

### CHEM 12B ORGANIC CHEMISTRY II 5.0 Units

Continuation of Chemistry 12A with an introduction to the chemistry of aromatics, amines, carbanions, carboxylic acids, carboxylic acid derivatives, aldehydes, ketones and biochemical topics focusing on structure, synthesis, and mechanisms of reaction. Laboratory work in basic techniques, synthetic methods, and qualitative spectroscopic and chromatographic analysis techniques. Designed for students whose interests require a full year in-depth study of organic chemistry.

*Prerequisite: Chemistry 12A (completed with a grade of "C" or higher).*

Day	30214	MW	1:00-2:15	1816	ANSELL	01/17-05/26	GR	V01
	Lab	TTh	1:30-4:20	1805		01/17-05/26	GR	
Eve	31502	MW	5:00-6:15	1859	GROW	01/17-05/26	GR	093
	Lab	TTh	6:00-8:50	1805		01/17-05/26	GR	

### 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.

*Prerequisite: MTH 65 or MTH 65B or MTH 65L or MTH 53 or MTH 53A or MTH 53B (completed with a grade of "C" or higher).*

Day	30527	MW	8:00-9:15	1816	STAFF	01/17-05/26	GR	V01
	Lab	Th	8:00-10:50	1807		01/17-05/26	GR	
Day	30474	MW	8:00-9:15	1816	STAFF	01/17-05/26	GR	V02

	Lab	Fri	8:30-11:20	1807		01/17-05/26	GR	
Eve	30114	TTh	6:30-7:45	1807	STAFF	01/17-05/26	GR	093
	Lab	TTh	8:00-9:15	1807		01/17-05/26	GR	

### 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).*

Eve	31503	MW	6:30-7:45	1805	STAFF	01/17-05/26	GR	093
	Lab	MW	8:00-9:15	1805		01/17-05/26	GR	

### 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	30258	MW	11:30-12:45	1816	GROW	01/17-05/26	OP	V01
	Lab	Tue	2:00-4:50	1807		01/17-05/26	OP	
Day	30380	MW	11:30-12:45	1816	GROW	01/17-05/26	OP	V02
	Lab	Mon	1:30-4:20	1807		01/17-05/26	OP	
Eve	31643	MW	5:30-6:45	1871	STAFF	01/17-05/26	OP	093
	Lab	Mon	7:00-9:50	1807		01/17-05/26	OP	
Eve	32155	MW	5:30-6:45	1871	STAFF	01/17-05/26	OP	094
	Lab	Wed	7:00-9:50	1807		01/17-05/26	OP	

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## COMPUTER INFORMATION SYSTEMS

### CIS 8 ESSENTIAL COMPUTING SKILLS 2.0 Units

What everyone needs to know. Fundamental computer competency course designed to develop the basic computer skills and knowledge required in today's technological world. Basic computer competency is no longer a nicety, but rather a necessity. Topics include: essentials of computing, hardware and software concepts, the Internet, ethical issues, and information protection. Practical hands-on applications will introduce students to the fundamentals of word processing, spreadsheets, presentation software, and email communication. Use of the technology to identify, gather, and analyze information and for communication, and understanding the legal, ethical and societal implications of technology. No previous experience with computers is required.

Day	30685	By Arr	1.8 Hrs/Wk	803	VARDANEGA	01/31-05/26	OP	LS1
	Lab	By Arr	1.8 Hrs/Wk	803		01/31-05/26	OP	

*CIS 8-LS1 is a Late Start class that meets from Jan 31-May 26. Students MUST attend an orientation session on Wednesday, Feb 1 at 2:00p.m. or Wednesday, Feb 8, at 1:00p.m. in Room 803. At the orientation, students will work with the instructor to schedule required class hours in the 803 Computer Lab. This is not an online class.*

Eve	30709	Tue	7:00-8:30	803	HART	01/31-05/26	OP	LS2
	Lab	Th	7:00-8:30	803		01/31-05/26	OP	

*CIS 8-LS2 is a Late Start class that meets from Jan 31-May 26. This is not an online class.*

### CIS 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

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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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: English 1A

**Web 30514 ONLINE AUSTIN 01/17-05/26 OP HDI**

**CIS 43-HDI is a hybrid course. All class meetings will be online, EXCEPT on the following dates when students will meet on campus from 10am-12:50pm in Room 2460: January 21, March 11, and either May 6 or May 13. 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 ??? 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 30019 MW 9:30-10:45 1816 FIELDS 01/17-05/26 OP HY1**  
**ONLINE/HYBRID 01/17-05/26 OP**

**CIS 50-HY1 is a hybrid course. Students will meet on campus Mondays and Wednesdays from 9:30-10:45am in Room 1816. 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 30020 TTh 9:30-10:45 1816 STAFF 01/17-05/26 OP HY2**  
**ONLINE/HYBRID 01/17-05/26 OP**

**CIS 50-HY2 is a hybrid course. Students will meet on campus Tuesdays and Thursdays from 9:30-10:45am in Room 1816. 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>.**

**Eve 30021 Wed 7:00-9:50 1871 AUSTIN 01/17-05/26 OP HY3**  
**ONLINE/HYBRID 01/17-05/26 OP**

**CIS 50-HY3 is a hybrid course. Students will meet on campus Wednesdays from 7:00-9:50pm in Room 1871. 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>.**

**Web 30244 ONLINE FIELDS 01/17-05/26 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 software.**

**Web 30181 ONLINE FIELDS 01/17-05/26 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 software.**

**CIS 54 EXCEL: INTRO TO SPREADSHEETS 4.0 Units**

Introductory level spreadsheet class using Microsoft Excel to create a variety of spreadsheets with emphasis on business application programs. Identification of an Excel worksheet, adding numbers and text to a worksheet, calculations using functions and formulas, modify, change and format cell entries, save, retrieve and print a worksheet. Includes functions, templates, data query, charts, and macros.

*Strongly recommended: Computer Information Systems 50.*

**Eve 30428 Wed 6:30-9:20 714 HART 01/17-05/26 OP HY1**  
**ONLINE/HYBRID 01/17-05/26 OP**

**CIS 54-HY1 is a hybrid course. Students will meet on campus Wednesdays from 6:30pm-9:20pm in Room 804. 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>.**

**Students must have access to Microsoft Office Excel 2016.**

**Web 30949 ONLINE DONAT 01/17-05/26 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 Excel 2016.**

**Web 31215 ONLINE HART 01/17-05/26 OP DE2**  
**CIS 54-DE2 is an online course. For more information, see section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**Students must have access to Microsoft Office Excel 2016.**

**CIS 55 INTEGRATING OFFICE APPLICATION 4.0 Units**

Develop a beginning/intermediate level of skills using Microsoft Office features of Word, Excel, Access, PowerPoint to design, produce and integrate: documents, worksheets, databases and professional presentations. The use of Object Linking and Embedding (OLE) to create integrated office documents that promote information sharing and collaboration are covered along with how to create simple integrated office documents on the Web. This course emphasizes workplace communications and information processing skills and standards. Students will complete integrated projects that apply technology to business tasks and represent what is required in an actual business environment using the components of Microsoft Office (Word, Excel, PowerPoint, Access).

*Strongly recommended: Computer Information Systems 50.*

**Web 30342 ONLINE FIELDS 01/17-05/26 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 2016 software.**

**CIS 55B ADVANCED MS OFFICE SKILLS 3.0 Units**

Provides students with an opportunity for advanced study using the MS Office software suite. Portions of the course will be devoted to an overview of advanced topics in Word, Excel, PowerPoint and Access. Extends the fundamental knowledge of MS Office to incorporate and emphasize the integration capabilities among the individual applications. This class offers a case-based, problem solving approach to learning the essentials of how to use the components of the Office suite together to build a portfolio of documents for a company that demonstrate your ability to use and integrate Word, Excel, PowerPoint and Access. This may include business cards, letterhead, brochures, spreadsheets, databases, invoices, presentation reports, web pages and more.

*Strongly recommended: Computer Information Systems 55.*

**Web 32882 ONLINE FIELDS 01/17-05/26 OP DE1**  
**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 software.**

**CIS 57 ACCESS: INTRO TO DATABASES 4.0 Units**

Introduction to Database Management Systems, a computer program that is used to organize, store, and retrieve information. Understanding of data, file and database concepts using Microsoft Access for Windows with emphasis on business application. Identify and evaluate client needs/requirements and

translate those needs into a working database application model. Integrate Access data with other Microsoft applications such as Word and Excel.

*Strongly recommended: Computer Information Systems 50 and 55.*

**Web 30691 ONLINE DONAT 01/17-05/26 OP DEI**

*CIS 57-DEI 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 Access 2016.**

**CIS 59C WEB PROG-JAVASCRIPT /AJAX 4.0 Units**

Develop client-side, interactive webpages using JavaScript and asynchronous JavaScript and XML (AJAX) scripting languages. Write JavaScript scripts that manipulate with the JavaScript Document Object Model (DOM), control program flow, validate forms, animate images, target frames, and create cookies. Implement AJAX techniques that uses JavaScript-based objects to retrieve responses from a web server in a dynamic way, allowing for instant, on page updating, a key element in Web 2.0.

*Strongly Recommended: Computer Information Systems 50.*

Eve	31217	Wed	6:00-8:50	804	VANI	01/17-05/26	OP	HYI
			ONLINE/HYBRID			01/17-05/26	OP	

*CIS 59C-HYI is a hybrid course. Students will meet on campus on Wednesdays from 6:00-8:50pm in Room 804. 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>.*

**CIS 62 PROJECT MANAGEMENT 3.0 Units**

Using the Project Management Institute's (PMI) Guide to the Project Management Body of Knowledge (PMBOK), learn the basic characteristics of projects and project management, with emphasis on the five PMBOK project process groups of initiating, planning, executing, controlling, and closing. Explore the nine knowledge areas of project integration, scope, time, cost, quality, human resources, communication, and risk and procurement management. This introductory course covers the terminology you will need to know, how all the project management processes are linked together, the key areas of expertise you need to know to manage projects successfully. Review objectives of industry certifications including; Project+, CAPM, PMP. This course focuses on developing and applying management and business skills in typical technical and business environments and provides an introduction to the field of project management.

*Strongly recommended: Computer Information Systems 60.*

**Web 32883 ONLINE/HYBRID MANOCHA 01/17-05/26 OP HDI**

*CIS 62-HDI is a hybrid course. All class meetings will be online EXCEPT on the following dates when students will meet on campus from 10a.m.-1p.m. in Room 24XX: Jan 21, Feb 18, April 1, and May 6. For more information, see the section, titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**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 desktop operating systems 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. Current operating systems for portable devices will be demonstrated. The role of hardware, application software and the operating system and how they interact with each other will be explored. Students who have completed or are enrolled in Computer Networking Technology 50 may not receive credit.

*Strongly Recommended: CIS 50*

Eve	30399	Mon	6:00-7:50	804	HESTER	01/17-05/26	OP	093
		Lab Mon	8:00-8:50	804		01/17-05/26	OP	

**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	30168	Wed	6:00-8:50	1816	HESTER	01/17-05/26	OP	093
		Lab Wed	9:00-9:50	804		01/17-05/26	OP	

**CIS 71 COMPUTER TYPING 1.0 Units**

Individualized instruction in computer typing. Instruction in basic to advance skills development.

**Day 32120 Lab MW 1:00-2:30 803B VARDANEGA 01/31-05/26 OP LSI**

*CIS 71-LSI is a Late Start course that meets from Jan 31-May 26.*

**CIS 71A KEYBOARDING/WORD PROCESSING 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 30190 ONLINE AUSTIN 01/31-05/26 OP L01**

*CIS 71A-L01 is a Late Start online course that meets from Jan 31-May 26. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**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.*

**Web 30191 ONLINE AUSTIN 01/31-05/26 OP L01**

*CIS 71B-L01 is a Late Start online course that meets from Jan 31-May 26. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**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: Computer Information Systems 71B.*

**Web 30192 ONLINE AUSTIN 01/31-05/26 OP L01**

*CIS 71C-L01 is a Late Start online course that meets from Jan 31-May 26. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**The following DAY CIS classes are offered  
on an INDIVIDUALIZED HANDS-ON basis:**

**CIS 71, 72A, 72B, 73A, & 75**

*Lab hours are arranged with the instructor by reporting to the 803 computer lab at 9:00am or 10:00am on the FIRST DAY of the class as listed below. 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 Gail Vardanega via email at [gwardanega@laspositascollege.edu](mailto:gwardanega@laspositascollege.edu).*

**CIS 71      COMPUTERTYPING      1.0 Units**  
Individualized instruction in computer typing. Instruction in basic to advance skills development.

Day 30165 Lab By Arr 6.0 Hrs/Wk 803B VARDANEGA 01/18-03/17 OP FT1  
*CIS 71-FT1 is a Fast Track course that meets from Jan 18-Mar 17.*

Day 30166 Lab By Arr 6.7 Hrs/Wk 803B VARDANEGA 03/27-05/19 OP FT2  
*CIS 71-FT2 is a Fast Track course that meets from Mar 27-May 19.*

**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 30169 Lab By Arr 3.6 Hrs/Wk 803B VARDANEGA 02/01-05/26 OP LSI  
*CIS 72A-LSI is a Late Start course that meets from Feb 1-May 26.*

**CIS 72B      SPRDSHT INTEGRATION W/WD PROC      1.0 Units**  
Basic usage of spreadsheet software in document reporting and presentation. Integration of spreadsheets with Word, PowerPoint, and Access.

*Strongly Recommended: Computer Information Systems 50 and Computer Information Systems 88A.*

Day 30170 Lab By Arr 3.4 Hrs/Wk 803B VARDANEGA 02/01-05/26 OP LSI  
*CIS 72B-LSI is a Late Start course that meets from Feb 1-May 26.*

**CIS 73A      TEN-KEY SKILL DEVELOPMENT      1.0 Units**  
Skill development on the computer numeric keypad and electronic calculator including use of memory functions, and data entry using spreadsheets.

Day 30199 Lab By Arr 6.0 Hrs/Wk 803B VARDANEGA 01/18-03/17 OP FT1  
*CIS 73A-FT1 is a Fast Track course that meets from Jan 18-Mar 17.*

Day 30189 Lab By Arr 6.7 Hrs/Wk 803B VARDANEGA 03/27-05/19 OP FT2  
*CIS 73A-FT2 is a Fast Track course that meets from Mar 27-May 19.*

**CIS 75      OFFICE TECHNOLOGY/COMMUNICAT      1.0 Units**  
Overview of various technologies (such as bulletin boards, teleconferencing, shared resources, voice-messaging systems, and Online Services) used for communicating internally and externally with microcomputers. Hands-on practice with electronic mail, the Internet, MS Outlook, and integrating the MS Office Suite to perform administrative tasks and functions for managing the office. Strongly recommended: Eligibility for English 1A and Computer Typing at 30 gwam.

Day 32884 By Arr 1.0 Hrs/Wk 803B VARDANEGA 01/18-03/17 OP FT1  
Lab By Arr 3.3 Hrs/Wk 803B 01/18-03/17 OP  
*CIS 75-FT1 is a Fast Track course that meets from Jan 18-Mar 17.*

Day 30268 By Arr 1.0 Hrs/Wk 803B VARDANEGA 03/27-05/19 OP FT2  
Lab By Arr 3.3 Hrs/Wk 803B 03/27-05/19 OP  
*CIS 75-FT2 is a Fast Track course that meets from Mar 27-May 19.*

**The following EVENING CIS classes are offered on an INDIVIDUALIZED HANDS-ON basis:**  
**CIS 71, 72A, 72B, 73A, & 75**

Lab hours are arranged with the instructor by reporting to the 803 computer lab at 6:00pm or 7:00pm on the **FIRST DAY** of the class as listed below. 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 LaVaughn Hart via email at [lhart@laspositascollege.edu](mailto:lhart@laspositascollege.edu).

**CIS 71 COMPUTERTYPING 1.0 Units**

Individualized instruction in computer typing. Instruction in basic to advance skills development.

Eve	30167	Lab	By Arr	3.4 Hrs/Wk	803B	HART	02/01-05/26	OP	LS2
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*CIS 71-LS2 is a Late Start course that meets from Feb 1-May 26.*

**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.

Eve	32132	Lab	By Arr	3.4 Hrs/Wk	803B	HART	02/01-05/26	OP	LS2
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*CIS 72A-LS2 is a Late Start course that meets from Feb 1-May 26.*

**CIS 72B SPRDSHT INTEGRATION W/WD PROC 1.0 Units**

Basic usage of spreadsheet software in document reporting and presentation. Integration of spreadsheets with Word, PowerPoint, and Access.

*Strongly Recommended: CIS 50 and CIS 88A.*

Eve	30692	Lab	By Arr	3.4 Hrs/Wk	803B	HART	02/01-05/26	OP	LS2
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*CIS 72B-LS2 is a Late Start course that meets from Feb 1-May 26.*

**CIS 73A TEN-KEY SKILL DEVELOPMENT 1.0 Units**

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

Eve	30188	Lab	By Arr	3.4 Hrs/Wk	803B	STAFF	02/01-05/26	OP	LS1
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*CIS 73A-LS1 is a Late Start course that meets from Feb 1-May 26.*

**CIS 75 OFFICE TECHNOLOGY/COMMUNICAT 1.0 Units**

Overview of various technologies (such as bulletin boards, teleconferencing, shared resources, voice-messaging systems, and Online Services) used for communicating internally and externally with microcomputers. Hands-on practice with electronic mail, the Internet, MS Outlook, and integrating the MS Office Suite to perform administrative tasks and functions for managing the office.

*Strongly recommended: Eligibility for ENG 1A and Computer Typing at 30 gwam.*

Eve	30269	By Arr	1.0 Hrs/Wk	803B	HART	02/01-05/26	OP	LS2
		Lab	By Arr	1.8 Hrs/Wk	803B		02/01-05/26	OP

*CIS 75-LS2 is a Late Start course that meets from Feb 1-May 26.*

**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.*

**Web 30953 ONLINE HARTMANN 01/17-05/26 GR DEI**  
**CIS 79-DEI 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 2013 software.*

**CIS 84 WINDOWS 1.0 Units**

Individualized, hands-on class introducing Microsoft Windows operation. Participants will become familiar with the windows environment. Learn techniques to manage files and folders, use Microsoft Windows' accessories programs, such as WordPad, Calculator, and Paint, and share data between programs.

Day	30857	Tue	12:30-1:20	803B	DORR	03/27-05/19	OP	FT2
		Lab	Tue	1:25-2:15	803B		03/27-05/19	OP
		Lab	Th	12:30-2:05	803B		03/27-05/19	OP

*CIS 84-FT2 is a Fast Track course that meets from Mar 27-May 19.*

**CIS 88A INTRODUCTION TO MICROSOFT WORD 1.5 Units**

Develop the skills needed in the workplace to produce common business documents. 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, and printing documents.

*Strongly recommended: Computer Information Systems 71A.*

Day	30270	TTh	12:30-1:20	803B	DORR	01/17-03/17	OP	FT1
		Lab	TTh	1:30-2:45	803B		01/17-03/17	OP

*CIS 88A-FT1 is a Fast Track course that meets from Jan 17-Mar 17.*

Eve	30223	TTh	6:30-7:20	803B	HART	01/17-03/17	OP	FT3
		Lab	TTh	7:30-8:45	803B		01/17-03/17	OP

*CIS 88A-FT3 is a Fast Track course that meets from Jan 17-Mar 17.*

**Web 30532 ONLINE DORR 01/17-03/17 OP DEI**

**CIS 88A-DEI is a Fast Track online course that meets from Jan 17-Mar 17. 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 software.*

**CIS 88B ADV MICROSOFT WORD 1.5 Units**

Advanced word processing techniques used to produce complex business documents. Includes topics such as integrating graphics and shapes into documents, formatting multiple page reports, creating tables of contents and indexes, inserting footnotes/endnotes and bibliographies, creating and using macros, and form templates, and integration with other programs such as Excel.

*Strongly recommended: Computer Information Systems 88A.*

Day	30224	TTh	12:30-1:25	803B	DORR	03/27-05/19	OP	FT2
		Lab	TTh	1:35-2:55	803B		03/27-05/19	OP

*CIS 88B-FT2 is a Fast Track course that meets from Mar 27-May 19.*

Eve	30271	TTh	6:30-7:25	803B	HART	03/27-05/19	OP	FT4
		Lab	TTh	7:35-8:55	803B		03/27-05/19	OP

*CIS 88B-FT4 is a Fast Track course that meets from Mar 27-May 19.*

**Web 30533 ONLINE DORR 03/27-05/19 OP LO1**

**CIS 88B-L01** is a Late Start online course that meets from Mar 27-May 19. 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 software.

**CIS 89A DESKTOP PRESENTATION 1.0 Units**

Desktop presentation design techniques and enhancements. Application using current desktop presentation software. Hands-on experience creating, saving printing slide shows.

Day	30296	Tue	12:30-1:20	803B	DORR	01/17-03/17	OP	FT1
	Lab	Tue	1:25-2:15	803B		01/17-03/17	OP	
	Lab	Th	12:30-2:00	803B		01/17-03/17	OP	

CIS 89A-FT1 is a Fast Track course that meets from Jan 17-Mar 17.

Day	30297	Tue	12:30-1:20	803B	DORR	03/27-05/19	OP	FT2
	Lab	Tue	1:25-2:15	803B		03/27-05/19	OP	
	Lab	Th	12:30-2:00	803B		03/27-05/19	OP	

CIS 89A-FT2 is a Fast Track course that meets from Mar 27-May 19.

Eve	30291	Tue	7:00-7:50	803B	HART	01/17-03/17	OP	FT3
	Lab	Tue	8:00-8:50	803B		01/17-03/17	OP	
	Lab	Th	7:00-8:30	803B		01/17-03/17	OP	

CIS 89A-FT1 is a Fast Track course that meets from Jan 17-Mar 17.

Web 30534 ONLINE HART 03/27-05/19 OP L01

**CIS 89A-L01** is a Late Start online course that meets from Mar 27-May 19. 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 software.

**CIS 89B DESKTOP PUBLISHING 1.5 Units**

Design professional and customized business cards, letterheads, envelopes, mailing labels, and brochures quickly and easily using Microsoft Publisher.

Day	30292	TTh	12:30-1:25	803B	DORR	03/27-05/19	OP	FT2
	Lab	TTh	1:35-2:55	803B		03/27-05/19	OP	

CIS 89B-FT2 is a Fast Track course that meets from Mar 27-May 19.

Eve	30298	TTh	6:30-7:25	803B	HART	03/27-05/19	OP	FT4
	Lab	TTh	7:35-8:55	803B		03/27-05/19	OP	

CIS 89B-FT4 is a Fast Track course that meets from Mar 27-May 19.

**ORACLE ACADEMY**

**CIS 9001 DATABASE MANAGEMENT SYSTEMS 2.0 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.

Web 32885 ONLINE FIELDS 01/17-05/26 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>.

**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: Computer Information System 57.

Web 31964 ONLINE FIELDS 01/17-05/26 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>.

**CIS 9003 ORACLE: DATABASE PROG PL/SQL 3.0 Units**

This course introduces students to Procedural Language/Structured Query Language (PL/SQL) through a project-based approach. Learn procedural logic constructs such as variables, constants, conditional statements and iterative controls; then execute, and manage PL\SQL stored program units such as procedures, functions, packages, and database triggers. Learn the basic functionality of how to debug functions and procedures using the SQL Developer Debugger. Manage PL/SQL subprograms, triggers, declaring identifiers and trapping exceptions.

Strongly recommended: Computer Information System 9002.

Web 31681 ONLINE FIELDS 01/17-05/26 OP DE1

**CIS 9003-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>.

**Certified Internet Web Professional (CIW)**

**CIS 9101, 9102, and 9103** are part of a series of Certified Internet Webmaster (CIW) courses. The CIW certification program validates job-role skills competency for entry level job seekers and seasoned professionals alike. For detailed information, go to [www.ciwcertified.com](http://www.ciwcertified.com).

**CIS 9101 INTERNET BUSINESS FUNDAMENTALS 1.5 Units**

Internet Business Fundamentals prepares students to work effectively in today's business environment using the Internet's wide array of useful resources. Learn about the tasks involved in various Web Technology job roles and the skills and technologies to perform them. Review Internet connection methods, protocols, the domain name system, and cloud computing. Study functions of Web browsers, the components of Web addresses, the use and control of cookies. Configure browser preferences, plug-ins. Study databases as they relate to Web search engines, and use search engines to conduct basic and advanced Web searches. Configure email clients and use email for communicating effectively over the Internet using modern Web technologies and social networking and collaboration tools. Learn about the risks associated with being connected to the Internet, and about the security measures that can keep your computer system and your personal information secure.

Web 31137 ONLINE VANI 01/17-03/17 OP DE1

**CIS 9101-DE1** is a Fast Track online course that meets from Jan 17-Mar 17. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 31138 ONLINE VANI 03/27-05/19 OP L02

**CIS 9101-L02** is a Fast Track online course that meets from Mar 27-May 19. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**CIS 9102 NETWORK TECHNOLOGY FOUNDATIONS 1.5 Units**

Network Technology Foundations is an accelerated networking course designed to teach essential networking concepts, skills, and practices. Identify various network components and protocols that enable users to share data. Explore different types of transmission media, and how network architecture and topologies provide for efficient and secure communication. Review the OSI reference model and its relationship to packet creation, and compare and contrast the OSI model with the Internet architecture model. Study the functions and



features of internetworking server types, and the benefits of implementing a Content Management System (CMS). Learn about the importance of routing, and explore IP addressing, IP address classes and subnet masks. Review essential network security concepts, Internet-based challenges facing today's users, and methods you can use to secure networks and network transmissions, including authentication, encryption and firewalls.

**Web 31139 ONLINE VANI 01/17-03/17 OP DEI**

**CIS 9102-DEI is an online course that meets from Jan 17-Mar 17. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**Web 31140 ONLINE VANI 03/27-05/19 OP L02**

**CIS 9102-L02 is an online course that meets from Mar 27-May 19. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**CIS 9103 WEB SITE DEVELOPMENT FOUNDAT 2.0 Units**

Web Site Development Foundations teaches essential Web page development skills and how to work as a productive part of a Web site development team. Develop Web sites using HTML/XHTML; write source code manually and using graphical user interface (GUI) authoring tools. Insert images, hyperlinks, tables, forms, frames, using style sheets to format Web page content, and implement fundamental design concepts. Validate your XHTML code, recognizing the importance of Internet marketing and search engine optimization. Connect Web pages to databases, identify e-commerce solutions, and how link Web site development to business goals. Throughout the course, students will learn how sites are developed as managed projects.

**Web 31141 ONLINE VANI 01/17-05/26 OP DEI**

**CIS 9103-DEI 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

**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: English 1A*

**Web 30513 ONLINE/HYBRID AUSTIN 01/17-05/26 OP HD1**

**CNT 43-HD1 is a hybrid course. All class meetings will be online, EXCEPT on the following dates when students are required to meet on campus from 10:00am-12:50pm in Room 2460: Jan 21, March 11, and either May 6 or May 13. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**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 desktop operating systems 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. Current

operating systems for portable devices will be demonstrated. The role of hardware, application software and the operating system and how they interact with each other will be explored. Students who have completed or are enrolled in Computer Information Systems 65 may not receive credit.

*Strongly Recommended: CIS 50*

Eve	30400	Mon	6:00-7:50	804	HESTER	01/17-05/26	OP	093
Lab		Mon	8:00-8:50	804		01/17-05/26	OP	

**CNT 51 COMPTIAS 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	32463	Tue	6:00-8:50	804	HESTER	01/17-05/26	OP	HYI
Lab			ONLINE/HYBRID			01/17-05/26	OP	

**CNT 51-HYI is a hybrid course. Students will meet on campus Tuesdays from 6:00-8:50pm in Room 804. 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>**

**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: Computer Information Systems 50.*

Eve	30398	Wed	6:00-8:50	1816	STAFF	01/17-05/26	OP	093
Lab		Wed	9:00-9:50	804		01/17-05/26	OP	

**CNT 57 MS SERVER ADV.SERV. MCSA III 3.0 Units**

This course prepares the students for the Microsoft Certified Solutions Associate (MCSA) certification, and is the third of a series of three exams which validate the skills and knowledge necessary to implement a core Windows Server Infrastructure into an existing enterprise environment. The three MCSA exams collectively validate the skills and knowledge necessary for implementing, managing, maintaining and provisioning services and infrastructure in a Windows Server environment. This course focuses on skills for real jobs and prepares students to master Advanced Windows Server Services such as tasks necessary to deploy, manage, and maintain a Windows Server infrastructure. This course also includes these topics: Implementing Advanced File Services, Implementing Dynamic Access Control, Implementing

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Network Load Balancing, Implementing Advanced File Services, Implementing Dynamic Control, Implementing Network Load Balancing, Implementing Failover Clustering, Implementing Disaster Recovery, Implementing Active Directory Certificate Services (AD CS), and Implementing Active Directory Federation Services (AD FS).

*Strongly recommended: CNT 52 and CNT 56.*

Eve	32886	Th	6:00-8:15	804	HESTER	01/17-05/26	OP	HYI
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**CNT 57 HYI** is a hybrid course. Students will meet on campus Thursdays from 6:00-8:15pm in Room 804. 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>.

**CNT 62B CISCO NETWORK ACAD CCNA 3/4 4.0 Units**

This course covers the second half of the Cisco Certified Network Associate (CCNA) curriculum, and the objectives of the CCNA and ICND exams. It covers internetwork topology and design, configuring LAN switches, STP, VLANs and trunking TCP/IP suite, VLSM / CIDR, IPv4 and IPv6 addressing and subnetting, advanced routing concepts and configuration for RIP, IRPng, OSPF EIGRP, HSRP, and static routes. Also includes WANs using Frame Relay, PPP, PAP/CHAP authentication, and network address translation. Network security, best practices, router/switch security, passwords.

*Prerequisite: CNT 62A (completed with a grade of "C" or higher) or completion of Cisco Networking Academy 1 & 2 at a Cisco Academy.*

Eve	32887	Wed	6:00-8:50	805	DAOUD	01/17-05/26	OP	HYI
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**CNT 62B HYI** is a hybrid course. Students will meet on campus Wednesday from 6:00-8:50pm in Room 805. 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>.

**CNT 68 INTRO TO COMPUTER FORENSICS 3.0 Units**

A survey course in the detection, prevention and investigation of incidents involving computers and digital information, including cyber attacks and the use of computers to investigate crimes. The program will include introduction to computer forensics, incident response, methods of investigation, tracking persons and data, the secure analysis of hard drives and storage mediums, and IT security utilizing court-approved forensic software and tools.

*Strongly recommended: CIS 50*

Eve	32888	Th	6:30-8:50	805	DAOUD	01/17-05/26	OP	HYI
		Lab	ONLINE			01/17-05/26	OP	

**CNT 68-HYI** is a hybrid course. Students will meet on campus Thursdays 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>.

**CNT 69 NETWORK SECURITY SEC+ 3.0 Units**

This course follows the CompTIA Security+ certification objectives, and 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 will include authentication methods and devices, protocol analysis and IP network troubleshooting, strategies for identifying and countering vulnerabilities, network medias and topologies in a secure network, intrusion detection and forensic incident response.

*Strongly Recommended: CNT 51B, CIS 50 and CNT 51A (all completed with a grade of "C" or higher).*

Eve	32889	Mon	6:30-8:50	805	DAOUD	01/17-05/26	OP	HYI
		Lab	ONLINE/HYBRID			01/17-05/26	OP	

**CNT 69-HYI** is a hybrid course. Students will meet on campus Mondays

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>.

**CNT 7501 WHITEHAT HACKER TESTING 4.0 Units**

WhiteHat and Pen testing training covers the concepts, use and appropriate application of Penetration Testing software and utilities in Ethernet networks. Students will explore the ethical use of security tools and countermeasures. Students are required to sign the "White Hat Oath" agreement of Ethical and Professional Conduct. The course will include: Hacking methods, tools, their use and detection; penetration testing and countermeasures; exploits, vulnerability assessment in computers and networks, hands-on practice in a sandbox environment. Tools used include Wireshark, Whitehat/Pentest tools for Windows, OSX, Linux.

*Strongly Recommended: One or more of CNT67, CNT69, CNT62A, CNT57, or CNT55 (completed with a grade of "C" or higher) or the equivalent industry experience.*

Eve	30850	Tue	6:00-8:50	805	DAOUD	01/17-05/26	OP	HYI
			ONLINE/HYBRID			01/17-05/26	OP	

**CNT 7501-HYI** is a hybrid course. Students will meet on campus on Tuesdays from 6:00-8:50pm in Room 805. 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>.

## COMPUTER SCIENCE

**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; arrays; user-defined data structures.

*Strongly Recommended: MATH 107 (completed with a grade of "C" or higher).*

Day	30510	MW	11:00-12:15	2416	SCHATZ	01/17-05/26	OP	V01
		Lab	MW	12:30-1:45	2416			
Day	32182	TTh	9:30-10:45	714	SCHATZ	01/17-05/26	OP	V02
		Lab	TTh	11:00-12:15	714			
Day	32396	TTh	12:30-1:45	2416	KOMANETSKY	01/17-05/26	OP	V03
		Lab	TTh	2:00-3:15	2416			
Eve	30509	TTh	6:30-7:45	2416	STAFF	01/17-05/26	OP	093
		Lab	TTh	8:00-9:15	2416			

**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: Computer Science I (completed with a grade of "C" or higher).*

Day	30511	TTh	8:00-9:15	2416	KOMANETSKY	01/17-05/26	OP	V01
		Lab	TTh	9:30-10:45	2416			
Day	32395	MW	11:00-12:15	714	KOMANETSKY	01/17-05/26	OP	V02
		Lab	MW	12:30-1:45	714			
Eve	32118	TTh	6:30-7:45	714	STAFF	01/17-05/26	OP	093
		Lab	TTh	8:00-9:15	714			

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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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	32119	Mon	3:00-5:45	714	KOMANETSKY	01/31-05/26	OP	LHI
						01/31-05/26	OP	ONLINE/HYBRID

*CS 7-LHI is a Late Start hybrid course that meets from Jan 31-May 26. Students are required to meet on-campus Mondays from 3:00-5:45pm in Room 714. They will 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>.*

**CS 16 MOBILE APPLICATION DEVELOPMENT 3.0 Units**

Object-oriented programming in Objective C for the iPhone and related platforms (e.g., iPad, iPod Touch) at a beginning to intermediate level. Introduction to the iOS mobile platform. Introduction to Objective C syntax and concepts and the Cocoa Touch application programming interface (API), including: classes, objects, inheritance, protocols, selectors, strings, arrays, dictionaries, sets and memory management; creating user interfaces; using graphics, audio and video.

*Strongly recommended: CS 1 and/or substantial prior programming experience in C, C++ or Java.*

Eve	32397	Mon	6:00-8:15	714	SCHATZ	01/17-05/26	OP	093
		Lab	8:30-9:45	714		01/17-05/26	OP	

**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 (both completed with a minimum grade of "C" or higher - may be taken concurrently).*

*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	32460	Tue	2:00-4:25	1814	STAFF	01/17-05/26	OP	093
		Th	2:00-3:25	2460		01/17-05/26	OP	
		Th	3:35-4:25	2460		01/17-05/26	OP	

**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 of abstract data types, linked lists, stacks, queues, binary trees, hash tables, induction, searching XXXXX(THIS IS DIFFERENT IN CATALOG)

*Strongly recommended: CS 2*

Day	32890	TTh	12:30-1:45	714	SCHATZ	01/17-05/26	OP	V01
		Lab	2:00-3:15	714		01/17-05/26	OP	

**CS 21 ASSEMBLY LANGUAGE PROGRAMMING 4.0 Units**

Basics of machine architecture, 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: Computer Science 1 (completed with a grade of "C" or higher).*

Eve	31015	MW	6:30-7:45	2416	KOMANETSKY	01/17-05/26	OP	093
		Lab	8:00-9:15	2416		01/17-05/26	OP	

**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: English 1A*

Web	30512	ONLINE/HYBRID	AUSTIN	01/17-05/26	OP	HDI
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*CS 43-HDI is a hybrid course. All class meetings will be online, EXCEPT on the following dates when students are required to meet on campus from 10a.m.-12:50p.m. in Room 2460: Jan 21, March 11, and either May 6 or May 13. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**CS 47 CAPSTONE PROJECT 3.0 Units**

This is intended as a culminating experience within a degree or certificate sequence. Working individually or in a small team, you will develop a large-scale planning, implementation, documentation and presentation of the solution. Based on client requirements, each student or student team will design and implement a solution in a systematic and organized manner, and/or steps. Each student or student team will also prepare relevant written materials and give an oral XXXXXX DESCRIPTION INCOMPLETE

*Strongly recommended: CS 1, or CS 31, CNT 52, CIS 43, CIS 9001, CIS 60, CIS 62.*

Day	30842	By Arr	1.0 Hrs/Wk	tba	SCHATZ	01/17-05/26	OP	V01
		Lab	By Arr	6.0 Hrs/Wk	tba	01/17-05/26	OP	

**DANCE**

**DANC 2A JAZZ DANCE BEGINNING 0.5 Units**

Practice in basic jazz dance techniques and routines.

Day	32960	TTh	9:30-10:45	4127	LLOYD	01/17-05/26	OP	V01
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**DANC 2B JAZZ DANCE INTERMEDIATE 0.5 Units**

Practice in intermediate jazz dance techniques and routines. It will introduce Broadway style jazz dance and emphasize a student's performance potential.

Day	32961	TTh	9:30-10:45	4127	LLOYD	01/17-05/26	OP	V01
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**DANC 5A DANCE COMPOSITION BEGINNING 2.0 Units**

An introduction to the art of making dances for choreographers working in any style of dance, this course is open to students who have little or no dance training.

Day	32130	Tue	11:00-11:50	4127	LLOYD	01/17-05/26	OP	V01
		Lab	TTh	12:00-1:15	4127	01/17-05/26	OP	

**DANC 5B DANCE COMPOSITION INTERMEDIATE 2.0 Units**

A continuation to the art of making dances for choreographers working in any style of dance.

Day	32131	Lab	Tue	11:00-11:50	4127	LLOYD	01/17-05/26	OP	V01
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TTh 12:00-1:15 4127 01/17-05/26 OP

## EARLY CHILDHOOD DEVELOPMENT

### ECD 40 SOCIAL & EMOTIONAL FOUNDATIONS 3.0 Units

Focus on the healthy social and emotional development of young children as the foundation for children's early learning. Students will become aware of the role of the teacher in establishing an environment that promotes the healthy social and emotional development of young children.

*Strongly recommended: Early Childhood Development 56 and 62.*

Eve 32813 MW 2:00-3:15 2306 LIGNELL 01/17-05/26 GR 093

### ECD 50 ECD PRINCIPLES AND PRACTICES 3.0 Units

An examination of the underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development of all young children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity.

Day 30057 TTh 9:30-10:45 2306 TAYLOR 01/17-05/26 GR V01

Eve 33021 Th 7:00-9:50 1873 NATTRASS 01/17-05/26 OP 093

Web 31494 ONLINE TAYLOR 01/17-05/26 GR DEI

*ECD 50-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

### ECD 54 CHILD HEALTH/SAFETY/NUTRITION 3.0 Units

Aspects of nutrition, health and safety that promote and maintain the health and wellbeing 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, infectious diseases, school-family collaboration and emergency preparedness, first aid and injury prevention.

Eve 33046 Th 7:00-9:50 2460 COSTELLO-CH 01/17-05/26 OP 093

### ECD 56 CHILD GROWTH AND DEVELOPMENT 3.0 Units

A study of the major physical, psychosocial, and cognitive/language development 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 31133 MW 9:30-10:45 2306 KWONG 01/17-05/26 GR V01

*ECD 56 replaces ECD 51 for degree and certificate requirements.*

Eve 31495 Tue 7:00-9:50 2306 GUTHRIE 01/17-05/26 GR 094

*ECD 56 replaces ECD 51 for degree and certificate requirements.*

Web 32858 ONLINE/HYBRID KWONG 01/17-05/26 OP HDI

*ECD 56-HDI is a hybrid course. All class meetings will be online EXCEPT on the following dates: Jan. 17, Feb. 13, Mar. 20, Apr. 24, and May 23 (final exam) when students meet on campus from 7:00-8:50pm in room 2205. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

### ECD 60 YOUNG 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: Early Childhood Development 56 (completed with a grade of "C" or higher).*

Eve 32815 Th 7:00-9:50 2205 CAPORUSSO 01/17-05/26 GR 093

### ECD 62 CHILD, FAMILY AND COMMUNITY 3.0 Units

Patterns of family living in contemporary society, including the varying roles and interactions of family members; demographic, socio-cultural, racial, economic and historical and developmental factors affecting children, families and relationship of the family to early care and education and to community resources. The processes of socialization and identity development will be highlighted.

Day 30331 TTh 11:00-12:15 2306 TAYLOR 01/17-05/26 GR V01

Eve 30704 Th 7:00-9:50 2306 STAFF 01/17-05/26 GR 093

Web 31496 ONLINE TAYLOR 01/17-05/26 GR DEI

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

### ECD 63 EARLY CHILDHOOD CURRICULUM 4.0 Units

Professional application of the principles of human growth and development in: the study of play based inclusive curriculum, the physical environment and learning experiences including program content, the use of materials, the facilitation and guidance of all children's experiences based on developmentally appropriate principles, the methods used to meet all children's physical, social, emotional, cognitive, and creative needs including infant and toddler within cultural context.

*Prerequisite: ECD 50 and ECD 56 (both completed with a grade of "C" or higher).*

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

Day 30945 MW 12:30-1:45 2306 ROSEN-SIMON 01/17-05/26 GR V01

Lab MW 9:30-12:20 2306 01/17-05/26 GR

Eve 30304 Mon 7:00-9:50 2306 NATTRASS 01/17-05/26 GR 093

Lab Wed 7:00-9:50 2306 01/17-05/26 GR

Sat 32859 Sat 8:45-2:35 2306 DEL AGUILA 01/17-05/26 OP WLC

*Esta clase es bilingüe. 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 925-424-1187.*

### ECD 65 ADMIN I: PROGRAMS IN ECE 3.0 Units

Introduction to the administration of early childhood programs. Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program: Relationships with families, and community.

*Prerequisite: Early Childhood Development 62 and 63 (both completed with a grade of "C" or higher).*

Web 32816 ONLINE/HYBRID VIRGILIO 01/17-05/26 OP DEI

*ECD 65-DEI is a hybrid course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>. There will be an optional orientation meeting on Tuesday, January 17th from 7:00-8:50 pm in room 1871.*

### ECD 69 CHILD STDY THROUGH OBSERVATION 3.0 Units

Current approaches for observing recording the behavior of infants and young children using various scientific techniques. Effective observations that build on respecting and fostering all children's competence, striving for objectivity and individualizing programs to meet individual children's learning and developmental assessment. Direct observational experience and application of methods is required weekly.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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*Prerequisite: Early Childhood Development 56 (completed with a grade of C or higher).*

**Web 31135 Tue 7:00-9:50 PE209 ROSEN-SIMON 01/17-05/26 OP HYI**  
**ECD 69-HYI is a hybrid course. All class meetings will be online EXCEPT on the following dates: TBD when students meet on campus from 7:00-8:50pm in room PE209. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**ECD 79 TEACH IN A DIVERSE SOCIETY 3.0 Units**

Critical examination of societal and personal attitudes and beliefs, values, assumptions and biases about culture, race, language, identity, family structures, ability, socio-economic status and other issues influenced by systemic oppression. Recognize and confront barriers that interfere with ones ability to work effectively with diverse populations of children and families. Enhance teacher's skills for educating children in a pluralistic society.

Eve	32020	Wed	7:00-9:50	2470	BANDELOW	01/17-05/26	OP	093
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**ECD 87 QUALITY ENVIRNMNT INFNT/TODDLR 3.0 Units**

Applies current theory and research to the care and education of infants and toddlers in group care. Examines essential policies, classroom environments, caregiving principles and practices that lead to quality care and developmentally appropriate curriculum for infants and toddlers which is culturally sensitive and supports families.

*Strongly recommended: Early Childhood Development 67.*

Eve	32817	Mon	7:00-9:50	2480	COSTELLO-CH	01/17-05/26	OP	093
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**ECD 90 PRACTICUM/SUPERVISE EXPERIENCE 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: ECD 63, ECD 62, ECD 50, ECD 56 (all completed with a grade of "C" or higher).*

**Students must have a TB Test completed and show proof of MMR and dTAP vaccine for the first day of class.**

Eve	30171	Wed	7:00-8:50	2460	RENO	01/17-05/26	GR	093
Lab	By Arr	6.0 Hrs/Wk	tba			01/17-05/26	GR	

**There is a 6.0 hour lab to be arranged weekly. Students placed at the Las Positas Child Development Center will complete their lab hours on Tuesday and Thursday mornings, from 9:00am-12:00pm.**

## ECONOMICS

**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. Strongly recommended: English 1A eligibility.

*Prerequisite: Mathematics 54 or 55 or 55B or 55L or 55Y or Mathematics 53 or 53B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.*

Day	30209	MW	12:30-1:45	2450	WEBSTER	01/17-05/26	OP	V01
								<i>Internet access required for ECON 1-V01.</i>

Day	30470	TTh	8:00-9:15	105	SHUMAKER	01/17-05/26	OP	V02
Day	30750	TTh	11:00-12:15	105	WEBSTER	01/17-05/26	OP	V03

*Internet access is required for ECON 1-V03.*

Eve	32582	Mon	7:00-9:50	2204	SHAHBAZI	01/17-05/26	OP	093
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**Web 30577 ONLINE WEBSTER 01/17-05/26 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 30409 ONLINE WEBSTER 01/17-05/26 OP DE2**  
**ECON 1-DE2 is an online course. For more information, see the sections titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**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. Strongly recommended: English 1A.

*Prerequisite: Mathematics 54 or 55 or 55B or 55L or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.*

Day	30242	MW	11:00-12:15	2470	WEBSTER	01/17-05/26	OP	V01
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*Internet access is required for ECON 2-V01.*

Day	30013	TTh	9:30-10:45	105	SHUMAKER	01/17-05/26	OP	V02
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Web	30683	ONLINE			WEBSTER	01/17-05/26	OP	DE1
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**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	31887	ONLINE			WEBSTER	01/17-05/26	OP	DE2
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**ECON 2-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>.**

**ECON 5 ECONOMIC HISTORY OF THE US 3.0 Units**

Origins and historical development of major economic forces, institutions and philosophies that have shaped the U.S. market economy.

Eve	31661	Th	7:00-9:50	PE212	RASMUS	01/17-05/26	OP	093
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## EMERGENCY MEDICAL SERVICES

**EMS 61 EMERGENCY MEDICAL RESPONDER 3.0 Units**

Development of knowledge and skills necessary for recognizing and caring for emergency situations, including cardiopulmonary resuscitation, prevention of disease transmission, and automated external defibrillation. Designed for first responders in an emergency.

**Students will be assessed a \$7 fee at registration for the American Heart Association BLS HCP Course completion card, the "Emergency Medical Responder" (90 hr) Certification completion card from the Emergency Care and Safety Institute (ECSI).**

Day	31045	Mon	2:00-3:50	2201	STAFF	01/17-05/26	GR	V01
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Lab	Mon	4:00-6:50	2201			01/17-05/26	GR	
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Day	31044	Mon	8:00-9:50	2201	STAFF	01/17-05/26	GR	V02
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Lab	Mon	10:00-12:50	2201			01/17-05/26	GR	
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Eve	31046	Th	5:30-7:20	2201	STAFF	01/17-05/26	GR	093
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Lab	Th	7:30-10:20	2201			01/17-05/26	GR	
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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. Students who are currently enrolled in or have completed Health 52 or Health Science 52 may not receive credit.

Eve	31080	Mon	7:00-9:50	2420	STAFF	01/17-05/26	GR	093
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**EMS 81 EMERGENCY MEDICAL TECHNICIAN 6.5 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 61 (completed with a grade "B" or higher) or current Emergency Medical Responder certification and Basic Life Support CPR Recognition with AED).*

Eve	31047	Tue	5:00-8:50	2201	STAFF	01/17-05/26	GR	093
		Sat	9:00-9:50	2201		01/17-05/26	GR	
		Lab Sat	10:00-2:20	2201		01/17-05/26	GR	

Students enrolled in EMS 81-093 must be present for the first class meeting at 8:00am. All enrolled students must be at least 18 years of age on the first day of class to take this course. For this class, you will need records of immunizations or 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 series of vaccinations injections) or have a titer showing immunity to Hepatitis B, a Tetanus Booster within the past ten years, a Tetanus diphtheria and pertussis (Tdap) vaccine. This should be recorded on the Health Science Student immunizations Form available at the Las Positas Health Center website <http://www.laspositascollege.edu/healthcenter/documents/immunization2007.pdf> and the Student Health Center. Prospective students who do not bring proof of required immunizations during the second week of class will be dropped by the instructor. Student must also present a current AHA BCLS HCP CPR for the Professional Rescuer or equivalent, and ECSI Emergency Medical Responder (EMR) certification or equivalent and/or proof of successful completion of EMS 61 with a grade of "B" or better. Prospective students that possess Emergency Medical Responder Certification and AHA BCLS HCP CPR for the Professional Rescuer or equivalent but did not complete EMS 61 at Las Positas College or Chabot College, must submit a petition to the Dean of Academic Services to waive the pre-requisite. Prospective students must provide this information in one complete package no later than the first day of class, which begins on January 17, 2017. Students enrolled in EMS 81 must also submit to a Background Investigation through Certified Backgrounds. The website is [www.castlebranch.com](http://www.castlebranch.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. 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: Wendy McClendon. You may contact Ms. McClendon by phone at 925-424-1000 Extension 2046, or by email at [wmcclendon@laspositascollege.edu](mailto:wmcclendon@laspositascollege.edu).

**EMS 91 EMT-REFRESHER 0.5 Units**

Provides a refresher in the foundation and knowledge required of the EMT-1 scope of practice. The EMT-1 certification is the minimum requirement for ambulance attendants and most entry-level firefighter positions. EMT-1 certification is also required for entry into paramedic training. This refresher program is accredited by the Alameda County Emergency Medical Services

Agency. The course provides 24 hours of continuing education units and skills verification testing that EMT's must complete every two years.

*Prerequisite: EMS 81 (completed with a grade "C" or higher).*

Day	32462	Fri	8:00-5:00	2201	STAFF	02/24-03/17	OP	V01
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EMS 91-V01 is a Late Start course that meets from Feb 24-Mar 17.

## ENGINEERING

**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: Eligibility for English 1A.*

Day	30844	Mon	2:00-3:50	1859	LEVEL	01/17-05/26	GR	V01
Eve	32464	Tue	6:30-8:20	1871	DECKER	01/17-05/26	OP	093

**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 AutoCAD Computer-Assisted Drawing Software as a design tool. Basic CAD 3-dimensional solid-modeling.

*Strongly recommended: Mathematics 37 and English 1A or 102.*

Day	30680	Mon	9:00-10:50	1859	STAFF	01/17-05/26	GR	V01
		Lab Wed	8:00-10:50	1859		01/17-05/26	GR	
Day	31991	Tue	9:30-11:20	1859	LEVEL	01/17-05/26	OP	VT1
		Lab Th	9:30-12:20	1859		01/17-05/26	OP	

Engineering Technology note?

**ENGR 37 APPLIED STATICS AND MATERIALS 3.0 Units**

Applied statics, mechanics of materials, and materials science. Topics include stress, strain, types of forces, moments, moment of inertia, friction, truss structures, centers of gravity, modulus of elasticity, fasteners, chemistry and atomic structure, crystalline structures, phase diagrams. This course is designed for Engineering Technology majors; it is not intended for students pursuing the Engineering Requirements (Transfer Preparation) path.

Day	32901	Mon	11:30-1:20	1859	LEVEL	01/17-05/26	OP	VT1
		Lab Wed	11:30-2:20	1822		01/17-05/26	OP	

Engineering Technology note?

**ENGR 44 INTRO TO CIRCUIT ANALYSIS 4.0 Units**

Analysis of introductory engineering AC and DC circuits. Natural, forced, and complete circuit response.

*Prerequisite: Physics 4A or Physics 8A (completed with a grade of "C" or higher).*

Day	30267	TTh	1:30-2:45	1871	LEVEL	01/17-05/26	GR	V01
		Lab Tue	3:00-5:50	1822		01/17-05/26	GR	
Day	32428	TTh	1:30-2:45	1871	LEVEL	01/17-05/26	OP	V02
		Lab Th	3:00-5:50	1822		01/17-05/26	OP	

**ENGR 46 MATERIALS OF ENGINEERING 3.0 Units**

Application of principles of chemistry and physics to the properties of engineering materials; the relation of microstructure to mechanical, electrical, thermal and corrosion properties of

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC

metals; ceramics and polymers.

Prerequisite: Physics 8A and Chemistry 1A (both completed with a grade of "C" or higher).

Day	30463	Wed	1:00-2:50	1859	STAFF	01/17-05/26	GR	V01
		Lab	Mon	1:00-3:50	1822	01/17-05/26	GR	

## ENGLISH

### ENG IA 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 world view 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.

Prerequisite: English 104 or 105 with a pass, ESL 2S with a "C" or better; equivalent course or appropriate skill level demonstrated through the English assessment process also acceptable.

Day	30349	MW	8:00-9:15	402	STAFF	01/17-05/26	GR	V01
		Lab	Wed	9:30-10:20	502	01/17-05/26	GR	
Day	30348	MW	8:00-9:15	104	STAFF	01/17-05/26	GR	V02
		Lab	Mon	9:30-10:20	2412	01/17-05/26	GR	
Day	31892	MW	8:00-9:15	103	STAFF	01/17-05/26	OP	V03
		Lab	Mon	9:30-10:20	502	01/17-05/26	OP	
Day	30773	MW	9:30-10:45	106	STAFF	01/17-05/26	GR	V04
		Lab	Wed	8:30-9:20	2412	01/17-05/26	GR	
Day	30784	MW	9:30-10:45	402	STAFF	01/17-05/26	GR	V05
		Lab	Wed	8:30-9:20	502	01/17-05/26	GR	
Day	30774	MW	2:00-3:15	4213	STAFF	01/17-05/26	GR	V06
		Lab	Wed	3:30-4:20	805	01/17-05/26	GR	
Day	30779	MW	2:00-3:15	105	STAFF	01/17-05/26	GR	V07
		Lab	By Arr	1.0 Hrs/Wk	502	01/17-05/26	GR	
Day	30347	MW	3:30-4:45	103	STAFF	01/17-05/26	GR	V08
		Lab	Wed	5:00-5:50	502	01/17-05/26	GR	
Day	30776	TTh	11:00-12:15	104	STAFF	01/17-05/26	GR	V09
		Lab	Tue	12:30-1:20	502	01/17-05/26	GR	
Day	30355	TTh	8:00-9:15	2460	STAFF	01/17-05/26	GR	V10
		Lab	Th	9:30-10:20	2412	01/17-05/26	GR	
Day	30775	TTh	8:00-9:15	2203	STAFF	01/17-05/26	GR	V11
		Lab	Tue	9:30-10:20	2412	01/17-05/26	GR	
Day	30783	TTh	9:30-10:45	103	STAFF	01/17-05/26	GR	V12
		Lab	Th	11:00-11:50	2412	01/17-05/26	GR	
Day	30777	TTh	12:30-1:45	403	STAFF	01/17-05/26	GR	V13
		Lab	Tue	2:00-2:50	2412	01/17-05/26	GR	
Day	30771	TTh	12:30-1:45	103	STAFF	01/17-05/26	GR	V14
		Lab	Th	2:00-2:50	804	01/17-05/26	GR	
Day	30772	TTh	2:00-3:15	402	STAFF	01/17-05/26	GR	V15
		Lab	Tue	3:30-4:20	2416	01/17-05/26	GR	
Day	30778	TTh	2:00-3:15	103	STAFF	01/17-05/26	GR	V16
		Lab	Tue	3:30-4:20	502	01/17-05/26	GR	
Day	30350	MW	11:00-12:15	104	STAFF	01/17-05/26	GR	V17
		Lab	Wed	12:30-1:20	502	01/17-05/26	GR	
Day	32022	MW	11:00-12:15	PE209	STAFF	01/17-05/26	OP	V18
		Lab	Wed	12:30-1:20	2412	01/17-05/26	OP	
Day	32574	MW	12:30-1:45	1602	STAFF	01/17-05/26	OP	V19
		Lab	Wed	2:00-2:50	2412	01/17-05/26	OP	
Day	32575	TTh	12:30-1:45	105	STAFF	01/17-05/26	OP	V20


ENG IA-VT1 is designed for all student veterans, including those in the LLNL Veteran's Engineering Program. Veterans do not have to be part of the program to enroll in this course. For more information, or to register for this course, please contact the Veteran's Office at [tsteffan@laspositacollege.edu](mailto:tsteffan@laspositacollege.edu) or (925) 424-1571.

Eve	30715	MW	5:00-6:15	103	STAFF	01/17-05/26	GR	093
		Lab	Mon	4:00-4:50	502	01/17-05/26	GR	
Eve	31894	Mon	7:00-9:50	103	STAFF	01/17-05/26	OP	094
					ONLINE/HYBRID	01/17-05/26	OP	

ENG IA-094 is a hybrid course with an on-campus lecture that meets Mondays 7:00-9:50p.m. in room 103. 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.laspositacollege.edu/onlinelearning>.

Eve	30770	Tue	7:00-9:50	103	STAFF	01/17-05/26	GR	095
					ONLINE/HYBRID	01/17-05/26	GR	

ENG IA-095 is a hybrid course with an on-campus lecture that meets Tuesdays 7:00-9:50p.m. in room 103. 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.laspositacollege.edu/onlinelearning>.

Eve	30769	Wed	7:00-9:50	103	STAFF	01/17-05/26	GR	096
					ONLINE/HYBRID	01/17-05/26	GR	

ENG IA-096 is a hybrid course with an on-campus lecture that meets Wednesdays 7:00-9:50p.m. in room 103. 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.laspositacollege.edu/onlinelearning>.

Eve	32976	TTh	7:00-8:15	507	STAFF	01/17-05/26	GR	097
		Lab	Th	8:30-9:20	502	01/17-05/26	GR	
Eve	32975	Th	7:00-9:50	4212	STAFF	01/17-05/26	GR	HY1
		Lab			ONLINE	01/17-05/26	GR	

ENG IA-HY1 is a hybrid course with an on-campus lecture that meets Thursdays 7:00-9:50p.m. in room 4212. 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.laspositacollege.edu/onlinelearning>.

Web	30581		ONLINE		STAFF	01/17-05/26	GR	DE1
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ENG IA-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>.

Web	30714		ONLINE		STAFF	01/17-05/26	GR	DE2
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ENG IA-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>.

Web	32641		ONLINE		STAFF	01/17-05/26	OP	DE3
Web	32977		ONLINE		STAFF	01/17-05/26	OP	DE4
Web	32978		ONLINE		STAFF	01/17-05/26	GR	DE5

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**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>.

**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: English 1A with a grade of "C" or higher.*

Day 32701 MW 11:00-12:15 106 GONZALES 01/17-05/26 OP P01  
**The above section is part of the Puente Program. For more information, or to register for the program, please contact Rafael Valle at [rvalle@laspositascollege.edu](mailto:rvalle@laspositascollege.edu).**

Day	32708	MW	12:30-1:45	2490	STAFF	01/17-05/26	OP	V02
Day	32710	MW	2:30-3:45	2460	STAFF	01/17-05/26	OP	V03
Day	32712	TTh	8:00-9:15	103	STAFF	01/17-05/26	OP	V04
Day	32714	TTh	9:30-10:45	2460	STAFF	01/17-05/26	OP	V05
Day	30587	TTh	12:30-1:45	402	STAFF	01/17-05/26	GR	V06
Day	32717	TTh	2:00-3:15	104	STAFF	01/17-05/26	OP	V07
Day	30567	Fri	8:00-10:50	103	STAFF	01/17-05/26	GR	V08
Day	33030	MW	8:00-9:15	2450	STAFF	01/17-05/26	OP	V09
Day	33031	TTh	11:00-12:15	285*	STAFF	01/17-05/26	OP	V10

\*ENG 4-V10 will be offered off campus at Chabot-Las Positas College District Office at: 7600 Dublin Blvd., 2nd Floor, Dublin, CA 94568 in Room 285.

Eve	32694	Wed	7:00-9:50	2480	STAFF	01/17-05/26	OP	093
Eve	32698	Th	7:00-9:50	2480	STAFF	01/17-05/26	OP	094
Eve	32576	Wed	7:00-9:50	104	STAFF	01/17-05/26	OP	095
Web	32699		ONLINE		DRY	01/17-05/26	OP	DE1
Web	32700		ONLINE		DRY	01/17-05/26	OP	DE2
Web	32577		ONLINE		STAFF	01/17-05/26	OP	DE3
Web	32651		ONLINE		STAFF	01/17-05/26	OP	DE4

**ENG 4-DE1, DE2, DE3, and DE4 are online courses.** For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**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: English 1A with a grade of "C" or higher.*

Day	30353	MW	8:00-9:15	105	STAFF	01/17-05/26	GR	V01
Day	31895	MW	9:30-10:45	4213	STAFF	01/17-05/26	OP	V02
Day	30481	MW	12:30-1:45	106	STAFF	01/17-05/26	GR	V03
Day	30352	MW	2:00-3:15	103	STAFF	01/17-05/26	GR	V04
Day	30356	TTh	11:00-12:15	103	STAFF	01/17-05/26	GR	V05

**ENG 7-V05 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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.

Day 30468 TTh 12:30-1:45 4213 STAFF 01/17-05/26 GR V06

**ENG 7-V06 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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.

Day	31966	TTh	3:30-4:45	103	STAFF	01/17-05/26	GR	V07
Eve	30354	MW	7:00-8:15	507	STAFF	01/17-05/26	GR	093
Eve	30717	Mon	7:00-9:50	106	STAFF	01/17-05/26	GR	094

Eve	31896	TTh	5:00-6:15	103	STAFF	01/17-05/26	OP	095
Eve	32436	Wed	7:00-9:50	1602	STAFF	01/17-05/26	OP	096
Web	30351		ONLINE		BIELAWSKI	01/17-05/26	GR	DE1
Web	31447		ONLINE		BIELAWSKI	01/17-05/26	GR	DE2
Web	32979		ONLINE		STAFF	01/17-05/26	GR	DE3

**ENG 7-DE1, DE2, and DE3 are online courses.** For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**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 (completed with a grade of "C" or higher) and eligibility for ENG 1A.*

Day 32703 MW 12:30-1:45 505 STAFF 01/17-05/26 OP V01

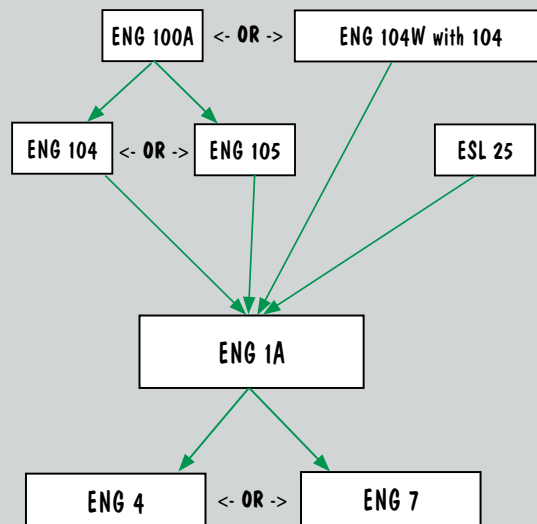
**ENG 12B CRAFT OF WRITING FICTION:INTERMED 3.0 Units**

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

## ENGLISH FLOW CHART

To decide which English course to take first, the English department recommends taking the English or ESL assessment test and then attending a group program planning session.\* Please refer to the Assessment Schedule for details.

\*Students who do not assess must start with ENG 100A  
 -OR-  
 with the corequisite courses ENG 104W with ENG 104.



### LANGUAGE AND RATIONALITY

A.A. OPTIONS 6 SEM. UNITS

ENGLISH COMPOSITION

English IA

WRITING & CRITICAL THINKING - Complete one course from the following:

English 4 or 7

A.S. OPTIONS 3 SEM. UNITS

ENGLISH COMPOSITION

English IA



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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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 and ENG 1A (completed with a grade of "C" or better)*

Day	32704	MW	12:30-1:45	505	STAFF	01/17-05/26	OP	V01
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**ENG 13 THE CRAFT OF WRITING-POETRY 3.0 Units**  
Practice in writing poetry, using materials drawn from published poetry and individual's own work for analysis and criticism, with a focus on techniques of revision.

*Strongly recommended: English 11 (completed with a grade of "C" or better) and eligibility for English 1A.*

Day	32702	TTh	2:00-3:15	403	BIELAWSKI	01/17-05/26	OP	V01
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**ENG 19A LITERARY MAGAZINE 3.0 Units**

Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary supplement and/or magazine. Enrollment constitutes the staff of the magazine. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the students job description and availability to participate. 1 hour lecture, 1.5 or 3 hours laboratory.

*(Cross List with MSCM 19A - a student who has completed MSCM 19A cannot enroll in ENG 19A).*

Day	31562	MW	11:00-11:50	2409	STAFF	01/17-05/26	OP	HDI
		Lab	ONLINE			01/17-05/26	OP	

*ENG 19A-HDI is a hybrid course that meets on campus Mon & Wed at 11am-11:50am in room 2409. 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>.*

**ENG 19B LITERARY MAGAZINE B 1.5 Units**

Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary supplement and/or magazine. Enrollment constitutes the staff of the magazine. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the students job description and availability to participate. 1 hour lecture, 1.5 or 3 hours laboratory.

*(Cross List with MSCM 19B - a student who has completed MSCM 16B cannot enroll in ENG 19B).*

Day	31589	Wed	11:00-11:50	2409	STAFF	01/17-05/26	OP	V01
		Lab Mon	11:00-11:50	2409		01/17-05/26	OP	
		Lab By Arr	2.0 Hrs/Wk	tba		01/17-05/26	OP	

**ENG 32 U.S. WOMEN'S LITERATURE 3.0 Units**

Chronicles the expression of U.S. women authors through readings in a variety of genres such as fiction, poetry, drama, and the essay. Study of the works of at least three of the following groups: African Americans, Asian Americans, European Americans, Hispanic Americans, and Native Americans, with a particular focus on the 20th century.

*Prerequisite: English 1A (completed with a "C" or higher).*

Day	32348	MW	11:00-12:15	103	COLE	01/17-05/26	OP	V01
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**ENG 35 MODERN AMERICAN LITERATURE 3.0 Units**

U.S. literature from the second half of the 19th century to the present, including poetry, drama, prose fiction, and essays. Emphasizes literary analysis and the exploration each work in

relation to its social, cultural and historical contexts.

Day	32349	TTh	11:00-12:15	2480	STAFF	01/17-05/26	OP	V01
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**ENG 100A INTEGRATED READING & WRITING I 4.0 Units**

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.

*Strongly recommended: Appropriate skill level demonstrated through the English assessment process.*

Day	30341	TTh	12:00-1:15	401A	DRY	01/17-05/26	P/N	V01
		Lab TTh	1:25-2:40	401A		01/17-05/26	P/N	
Eve	30464	MW	6:00-7:15	401A	STAFF	01/17-05/26	P/N	093
		Lab MW	7:25-8:40	401A		01/17-05/26	P/N	

**ENG 104 INTEGRATED READING & 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.

*Prerequisite: English 100A with a grade of "pass", or appropriate skill level demonstrated through the English assessment process. 3 hours lecture, 3 hours laboratory.*

Day	31094	MW	8:00-9:15	401A	STAFF	01/17-05/26	P/N	V01
		Lab MW	9:25-10:40	401A		01/17-05/26	P/N	
Day	31095	Lab MW	8:00-9:15	401B	STAFF	01/17-05/26	P/N	V02
		MW	9:25-10:40	401B		01/17-05/26	P/N	
Day	31987	MW	12:00-1:15	401A	STAFF	01/17-05/26	OP	V03
		Lab MW	1:25-2:40	401A		01/17-05/26	OP	
Day	31129	Lab MW	12:00-1:15	401B	STAFF	01/17-05/26	P/N	V04
		MW	1:25-2:40	401B		01/17-05/26	P/N	
Day	31096	MW	3:00-4:15	401A	STAFF	01/17-05/26	P/N	V05
		Lab MW	4:25-5:40	401A		01/17-05/26	P/N	
Day	31098	TTh	8:00-9:15	401A	STAFF	01/17-05/26	P/N	V06
		Lab TTh	9:25-10:40	401A		01/17-05/26	P/N	
Day	31131	Lab TTh	8:00-9:15	401B	STAFF	01/17-05/26	P/N	V07
		TTh	9:25-10:40	401B		01/17-05/26	P/N	
Day	31130	Lab TTh	12:00-1:15	401B	COLE	01/17-05/26	P/N	V08
		TTh	1:25-2:40	401B		01/17-05/26	P/N	
Day	31163	Lab TTh	3:00-4:15	401B	STAFF	01/17-05/26	P/N	V09
		TTh	4:25-5:40	401B		01/17-05/26	P/N	
Eve	31091	TTh	6:00-7:15	401A	STAFF	01/17-05/26	P/N	093
		Lab TTh	7:25-8:40	401A		01/17-05/26	P/N	
Eve	31092	Lab TTh	6:00-7:15	401B	STAFF	01/17-05/26	P/N	094
		TTh	7:25-8:40	401B		01/17-05/26	P/N	
Eve	31132	Lab MW	6:00-7:15	401B	STAFF	01/17-05/26	P/N	095
		MW	7:25-8:40	401B		01/17-05/26	P/N	

## ENGLISH AS A SECOND LANGUAGE

**ESL 23 COLLEGE GRAMMAR 3.0 Units**

This is a one-semester advanced grammar course for academic purposes designed to enable students to use linguistic forms accurately, meaningfully and appropriately in both oral and written expression. The course focuses on sentences, clauses, and phrases, verb tenses and forms, auxiliary verbs and modal expressions, verbs with grammar restrictions, and grammar analysis to enhance reading comprehension and written expression.

*Prerequisite: Successful completion of English as a Second Language 120B and 121B or appropriate skill level demonstrated through the ESL assessment process. 3 hours lecture.*

**Students are advised to enroll concurrently in 23 and 24 or 25.**

Eve	31008	Th	6:30-9:20	900	STAFF	01/17-05/26	OP	V01
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**ESL 24 ADVANCED READING, COMPOSITION 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 120B and 121B or an appropriate skill level demonstrated through the ESL assessment process.*

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

Day	30825	MW	9:00-11:50	403	STAFF	01/17-05/26	OP	V01
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Lab	Wed	12:00-12:50	600			01/17-05/26	OP	
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Eve	30826	MW	6:30-9:20	403	STAFF	01/17-05/26	OP	093
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Lab	Wed	5:30-6:20	600			01/17-05/26	OP	
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**ESL 25 ADVANCED ESL READING AND COMP 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 or an appropriate skill level demonstrated through the ESL assessment process.*

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

Day	30827	MW	9:00-11:50	804	BRICKMAN	01/17-05/26	OP	V01
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Lab	Mon	12:00-12:50	600			01/17-05/26	OP	
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**ESL 26 ADVANCED EDITING 3.0 Units**

This course is designed to increase students awareness of their own use of written language, strengthen their linguistic monitors and give them practice in editing strategies which will enable them to use linguistic forms accurately, meaningfully and appropriately in written expression.

*Prerequisite: ESL 120B and 121B or an appropriate skill level demonstrated through the ESL assessment process.*

**Students are advised to enroll concurrently in 26 and 24 or 25.**

Day	30240	Fri	9:30-12:20	402	STAFF	01/17-05/26	OP	V01
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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, 121A and 123 or 126.**

Day	31877	Fri	9:30-12:20	2450	MC GURK	01/17-05/26	OP	V01
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Eve	31878	Fri	6:30-9:20	2450	TROMBLY CHR	01/17-05/26	OP	093
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**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.

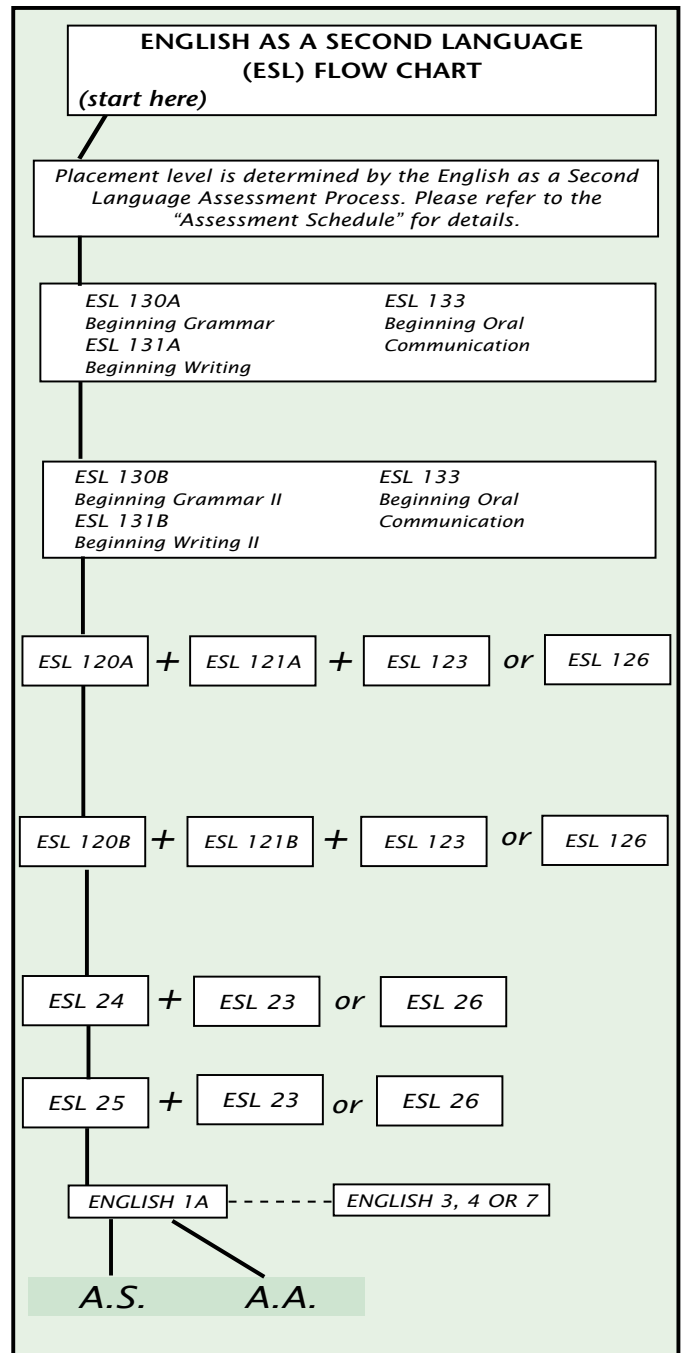
**Students are advised to enroll concurrently in ESL 120B, 121B, and 123 or 126.**

Day	31879	Fri	9:30-12:20	2460	STAFF	01/17-05/26	OP	V01
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Eve	31880	Fri	6:30-9:20	2460	STAFF	01/17-05/26	OP	093
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**ESL 121A INTERM WRITING AND READING I 6.0 Units**

This is the first semester of a one-year course in intermediate academic writing and reading. The course is designed to enable students to use and interpret linguistic forms accurately, meaningfully, and appropriately in written expression. 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. *Prerequisite: ESL 131B or appropriate skill level demonstrated through the ESL assessment process.*

**Students are advised to enroll concurrently in ESL 120A, 121A, and 123 or 126.**

Day	30828	TTh	9:00-11:50	507	PODEVYN	01/17-05/26	P/N	V01
	Lab	Th	12:00-12:50	507		01/17-05/26	P/N	
Day	32447	TTh	9:00-11:50	505	GAUTHIER	01/17-05/26	OP	V02
	Lab	Th	12:00-12:50	600		01/17-05/26	OP	
Eve	30831	TTh	6:30-9:20	402	BRICKMAN	01/17-05/26	P/N	093
	Lab	Th	5:30-6:20	600		01/17-05/26	P/N	

**ESL 121B INTERM WRITING AND READING II 6.0 Units**

This is the second semester of a one-year course in intermediate academic writing and reading. The course is designed to enable students to use and interpret linguistic forms accurately, meaningfully, and appropriately in written expression. 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.

*Prerequisite: ESL 121A 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	32350	TTh	9:00-11:50	403	MC GURK	01/17-05/26	P/N	V01
	Lab	Tue	12:00-12:50	600		01/17-05/26	P/N	
Eve	30830	TTh	6:30-9:20	403	STAFF	01/17-05/26	P/N	093
	Lab	Tue	5:30-6:20	600		01/17-05/26	P/N	

**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: Eligibility for ESL 120A, 121A.*

Day	33022	Mon	1:00-2:50	403	MC GURK	01/17-05/26	OP	V01
	Lab	Mon	3:00-3:50	505		01/17-05/26	OP	

**ESL 126 PRONUNCIATION OF ENGLISH 2.0 Units**

Intensive practice in recognizing and pronouncing the sounds of American English with emphasis on words and phrases: stress, intonation, phrasing, reduction. Attention to individual as well as group priorities.

*Prerequisite: Eligibility for ESL 120A as demonstrated through the ESL assessment process.*

Day	31456	Sat	9:30-11:20	2490	TROMBLY CHR	01/17-05/26	P/N	WE1
	Lab	Sat	11:30-12:20	2412		01/17-05/26	P/N	

**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 identify and use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on simple and compound sentences, questions, modifiers, phrases, and verb tenses, especially simple present, simple past, and present progressive.

*Strongly recommended: appropriate skill level demonstrated through the ESL assessment process.*

**Students are advised to enroll concurrently in ESL 130A, 131A, and 133.**

Day	31881	Tue	9:00-11:50	402	STAFF	01/17-05/26	OP	V01
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Eve	31882	Fri	6:30-9:20	2470	RAMOS	01/17-05/26	OP	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, questions, modals, modifiers, phrases, and verb tenses, especially simple present, past, and future as well as present and past progressive.

*Prerequisite: ESL 130A or appropriate skill level demonstrated through the ESL assessment process.*

**Students are advised to enroll concurrently in ESL 130B, 131B, and 133.**

Day	31883	Th	9:00-11:50	402	STAFF	01/17-05/26	OP	V01
Eve	31884	Fri	6:30-9:20	2480	STAFF	01/17-05/26	OP	093

**ESL 131A BEGINNING WRITING, READING I 6.0 Units**

This is the first semester of a one-year course in beginning academic writing and reading. The course is designed to enable students to use and interpret linguistic forms accurately, meaningfully, and appropriately in written expression. 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.

*Strongly recommended: Appropriate skill level demonstrated through the ESL assessment process.*

**Students are advised to enroll concurrently in ESL 130A, 131A, and 133.**

Day	30832	MW	9:00-11:50	4127	BAXTER	01/17-05/26	P/N	V01
	Lab	Mon	12:00-12:50	600		01/17-05/26	P/N	
Eve	30833	MW	6:30-9:20	402	STAFF	01/17-05/26	P/N	093
	Lab	Mon	5:30-6:20	600		01/17-05/26	P/N	

**ESL 131B BEGINNING WRITING, READING II 6.0 Units**

This is the second semester of a one-year course in beginning academic writing and reading. The course is designed to enable students to use and interpret linguistic forms accurately, meaningfully, and appropriately in written expression. 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 fluency through a variety of writing and reading tasks.

*Prerequisite: ESL 131A or appropriate skill level demonstrated through the ESL assessment process.*

**Students are advised to enroll concurrently in ESL 130B, 131B, and 133.**

Day	30236	MW	9:00-11:50	900	LACQUES ARA	01/17-05/26	P/N	V01
	Lab	Wed	12:00-12:50	600		01/17-05/26	P/N	
Eve	30834	MW	6:30-9:20	900	STAFF	01/17-05/26	P/N	093
	Lab	Wed	5:30-6:20	600		01/17-05/26	P/N	

**ESL 133 BEGINNING ORAL COMMUNICATION 2.0 Units**

This is a beginning oral communication course. This course will enable students to use linguistic forms 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: Appropriate skill level demonstrated through the ESL assessment process.*

Day	33023	Fri	9:30-11:20	2490	STAFF	01/17-05/26	OP	V01
	Lab	Fri	11:30-12:20	2490		01/17-05/26	OP	

**ESL 136 PRONUNCIATION AND FLUENCY 2.0 Units**

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Focused practice on recognizing and producing individual speech sound, stress patterns, rhythm and intonation patterns, and grammatical signals through activities such as oral presentations, role play, authentic dialogue, and reading presentations. Students will focus on pronunciation as communication to develop listener friendly pronunciation. Attention to individual as well as group priorities.

*Strongly recommended: appropriate skill level demonstrated through the ESL assessment process.*

*Students are advised to enroll concurrently in ESL 130A, 131A, and 133 or 136.*

Sat	32351	Sat	9:30-11:20	2480	STAFF	01/17-05/26	P/N	WEI
		Lab Sat	11:30-12:20	2480		01/17-05/26	P/N	

## ENVIRONMENTAL STUDIES

### 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. Eligibility for English 1A.

Day	32893	MW	1:00-2:15	1874	HARPELL	01/17-05/26	OP	V01
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## FIRE SERVICE TECHNOLOGY

### FST 50 FIRE PROTECTION ORGANIZATION 3.0 Units

Introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; 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 nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. Cultural Diversity, including discrimination and harassment laws and regulations. Course complies with State Board of Fire Services requirements (1999).

Eve	30294	Mon	7:30-10:20	801	STAFF	01/17-05/26	GR	093
		Lab By Arr	1.0 Hrs/Wk	801		01/17-05/26	GR	

*FST 50-093 has 18 hours of lab to be announced. There will be two days of lab, totaling 18 hours of lab. Dates to be announced at first class meeting and in the course syllabus.*

### FST 51 FIRE SERVICE OPERATIONS 3.0 Units

Fire department organization, management, and resources. Multi-agency coordinating systems for controlling various emergencies. Strategy and tactics applied to structural fire fighting, wildland fire fighting, and hazardous material emergencies, and safety conditions to be considered.

*Prerequisite: Fire Service Technology 50.*

Eve	30176	Th	6:30-9:20	801	STAFF	01/17-05/26	GR	093
		Lab Th	9:30-10:20	801		01/17-05/26	GR	

### FST 52 FIREFIGHTER SAFETY & SURVIVAL 3.0 Units

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	30520	Fri	9:30-12:20	801	STAFF	01/17-05/26	GR	V01
		Lab By Arr	1.0 Hrs/Wk	801		01/17-05/26	GR	

*FST 52-V01 has 18 hours of lab to be announced. There will be two days of lab, totaling 18 hours of lab. Dates to be announced at first class meeting and in the course syllabus.*

### FST 53 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 physics fire characteristics of materials, extinguishing agents, and control techniques.

Day	30585	Fri	1:00-4:00	801	STAFF	01/17-05/26	GR	V01
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### FST 54 FIRE PREVENTION TECHNOLOGY 3.0 Units

Provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation and fire safety education. Provides skills necessary for California Fire Service Training and Education System, Certified Firefighter I and Fire Inspector I.

*Prerequisite: Fire Service Technology 50 (completed with a grade of "C" or better).*

Eve	30175	Wed	7:30-10:20	801	STAFF	01/17-05/26	GR	093
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### FST 56 FUND OF BLD CONSTR/FIRE PROTEC 3.0 Units

This course is the study of the components of building construction that relate to fire/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 fires/collapse emergencies. The development and evolution of building and fire codes will be studied in relationship to past fire/collapses in residential, commercial, and industrial occupancies.

*Prerequisite: Fire Service Technology 50.*

Eve	30295	Wed	4:30-7:20	801	STAFF	01/17-05/26	OP	093
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### FST 65 FIRST RESPOND HAZ MAT/INCIDENT 3.0 Units

Hazard recognition and identification; incident response safety procedures and decontamination. Response to hazardous materials emergencies. Emphasis on skills and knowledge necessary to protect lives, property, and the environment. Meets the California Specialized Training Institute's requirements for Hazardous Materials First Responder Operational Awareness and Hazmat First Responder "Decon" Certifications under California Government Code Section 1503. Principles of Incident Command System, basic ICS structure and common responsibilities. Meets the State Fire Marshall's Office ICS 200 Certification Requirement.

*Strongly recommended: Fire Service Technology 53.*

Eve	30427	Tue	7:00-9:50	801	STAFF	01/17-05/26	GR	093
		Lab By Arr	1.0 Hrs/Wk	801		01/17-05/26	GR	

*FST 65-093 has 18 hours of lab to be announced. There will be two Sunday labs, totaling 18 hours of lab. Dates to be announced at first class meeting and in the course syllabus.*

*FST 65-093 is a course that provides State Approved Certifications. ICS 200 "Basics" with the State Fire Marshal's Office, State Fire Training FSTEP and two Certifications from the California State Training Institute (CSTI) associated with CAL EMA, "Hazardous Materials First Responders Awareness/Operations" and "First Responder Operations-Decon."*

*Students will be assessed a \$30 fee at registration for the State Fire Marshal, State Fire Training FSTEP Certification and the two California State Training Institute, CSTI Certifications.*

### FST 71A FIRE COMMAND IA: PRINCIPLES 2.0 Units

Provides for company officers with information and experience in command and control techniques, instruction and simulation

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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time pertaining to the initial decision and action processes at a working fire. Topics include the fire officer and their acts of commanding and authority of command, fire behavior, fire ground resources, operations, and management.

*Prerequisite: Fire Service Technology 65 (completed with a grade of "C" or higher) or ICS 200 "Basic ICS-Incident Command System" Certification from NIMS-FEMA, FSTEP or NWCG.*

**This is a State of California Fire Marshal, State Fire Training, CFSTES (California State Fire Service Training and Education System) course approved by the California State Fire Board. A certificate will be issued upon successful completion of the course. The course satisfies one of the component requirements for the certification track of "Company Officer".**

Day	32398	Tue	4:30-6:50	801	STAFF	01/17-05/26	OP	V01
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**FST 86A CALFIRE BASIC FIREFIGHTR 5.0 Units**  
 A basic structural and wildland firefighting course oriented toward entry-level employment in agencies responsible for Wildland Fire Mitigation and Interface I-Zone Fire Protection. Emphasis on equipment utilized on CalFIRE Engines (formerly California Department of Forestry). Meets minimum requirements for seasonal employment with CalFIRE. Course emphasizes demonstration, student application and performance examinations. Fundamentals of wildland fire control and techniques of controlling other emergency incidents covered with a strong safety perspective. Various live fire exercises for application of fire control and suppression techniques. Provides for S130, S131 and S190 equivalency under National Wildfire Coordinating Group (NWCG). Students completing this course, the prerequisite courses, and the CAL FIRE "Firefighter Basic Training" Taskbook course meet the 2010 CAL Fire 179 Hour "CalFIRE Basic Firefighter" certification requirements. Course complies with the State Board of Structural Firefighter I Certification.

*Prerequisites: FST 50, FST 65, PE FSC, EMS 61 (all completed with grade of "C" or higher).*

Day	32083	TTh	8:00-10:50	801	STAFF	01/17-05/26	OP	LSI
		Lab TTh	11:00-4:20	801		01/17-05/26	OP	

**FST 86A-LSI will meet Tuesdays and Thursdays 8:00am-5:00pm for nine weeks March 29, 2016 through May 31, 2016. ??????check dates**

## FRENCH

**FREN IB ELEMENTARY FRENCH 5.0 Units**

This is the second semester of the introductory level course and will enable students to continue to learn to speak, read and write elementary level French as well as to understand the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts.

*Prerequisite: French 1A (completed with a grade of "C" or higher) or equivalent. CAN FREN 4*

Day	30216	MWF	9:30-10:55	PE209	STAFF	01/17-05/26	OP	V01
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## GEOGRAPHY

**GEOG I 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	30018	MW	9:30-10:45	2420	ORF	01/17-05/26	GR	V01
Day	30584	TTh	2:00-3:15	1826	ORF	01/17-05/26	GR	V02
Eve	30559	Mon	7:00-10:00	1826	HASTY	01/17-05/26	GR	093

**Web 30858 ONLINE ORF 01/17-05/26 GR DE1**  
**GEOG I-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 31885 ONLINE ORF 01/17-05/26 OP DE2**  
**GEOG I-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>.**

**GEOG I2 INTRO TO PHYS GEOG LABORATORY 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 (may be taken concurrently).*

Day	30210	Lab Fri	9:00-11:50	1828	STAFF	01/17-05/26	GR	V01
Eve	30560	Lab Wed	7:00-9:50	1828	ACKERMAN	01/17-05/26	GR	093

**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	30763	TTh	11:00-12:15	1826	ORF	01/17-05/26	OP	V01
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**GEOG 5 WORLD REGIONAL GEOGRAPHY 3.0 Units**

Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions.

Day	30457	MW	12:30-1:45	1826	ORF	01/17-05/26	GR	V01
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**GEOG 8 INTRO TO WEATHER AND CLIMATE 3.0 Units**

Introduction to the Earth's atmosphere: topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate and climate change.

Day	31639	TTh	12:30-1:45	1826	ORF	01/17-05/26	OP	V01
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**GEOG 15 INTRODUCTION TO GIS 3.0 Units**

Study of Geographic Information Systems (GIS) science and its applications to spatial data management. Identification and acquisition of GIS data. Assessment of vector and raster systems, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS.

Eve	31665	Wed	7:00-9:50	1859	HASTY	01/17-05/26	OP	093
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## GEOLOGY

**GEOLOG I PHYSICAL GEOLOGY 3.0 Units**

The Earth, its materials, its internal and external processes, and its development through time. Emphasis is placed on a

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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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 I 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	30557	MW	12:30-1:45	2420	HANNA	01/17-05/26	OP	V01
Web	30558	ONLINE			HANNA	01/17-05/26	OP	DEI

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

**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: Geology 1, 5 or 7 (may be taken concurrently).*

*The Geology I 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	30561	Lab Tue	2:00-4:50	1828	HANNA	01/17-05/26	OP	V01
Day	30562	Lab Wed	9:30-12:20	1828	STAFF	01/17-05/26	OP	V02
Day	32831	Lab Th	2:00-4:50	1828	STAFF	01/17-05/26	OP	V03
Eve	30563	Lab Th	7:00-9:50	1828	STAFF	01/17-05/26	OP	093

**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.

*The Geology 12 lab may be taken concurrently with the lecture or during a later term. Enrollment in the lecture does not automatically enroll the student in the lab course; students must enroll in the lab course separately.*

Day	30835	MW	8:00-9:15	1826	STAFF	01/17-05/26	OP	V01
Web	30110	ONLINE			HANNA	01/17-05/26	OP	DEI

*GEOL 12-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**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: Geology 12 lecture (may be taken concurrently).*

*The Geology 12 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	30288	Lab Mon	9:30-12:20	1828	STAFF	01/17-05/26	OP	V01
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Day	30836	Lab Th	11:00-1:50	1828	STAFF	01/17-05/26	OP	V02
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## HEALTH

**HLTH 1 INTRODUCTION TO HEALTH 3.0 Units**

Physiological, psychological, and social perspectives of health. Emphasis on knowledge, attitudes and behaviors that will contribute to a healthy individual.

Day	32399	MW	9:30-10:45	PE212	FRIED	01/17-05/26	OP	V02
Day	30396	MW	11:00-12:15	PE212	FRIED	01/17-05/26	OP	V03
Day	30395	MW	2:00-3:15	PE212	STAFF	01/17-05/26	OP	V04
Day	30725	TTh	9:30-10:45	PE212	EVERETT	01/17-05/26	OP	V05
Day	30480	TTh	12:30-1:45	PE212	EVERETT	01/17-05/26	OP	V06
Eve	30530	Mon	6:00-9:00	PE209	STAFF	01/17-05/26	OP	093

*Web 30156 ONLINE EVERETT 01/17-05/26 OP DEI*

*HLTH 1-DEI 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 30300 ONLINE EVERETT 01/17-05/26 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 30332 ONLINE EVERETT 01/17-05/26 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>.*

*Web 31588 ONLINE NAVARRO 01/17-05/26 OP DE4*

*HLTH 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>.*

*Web 32133 ONLINE NAVARRO 01/17-05/26 OP DE5*

*HLTH 1-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 33028 ONLINE STAFF 01/17-05/26 OP DE6*

*HLTH 1-DE6 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

## HEALTH SCIENCES

**HSCI 52 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. Students who are currently enrolled in or have completed Health 52 or Emergency Medical Services 62 may not receive credit.

Eve	31043	Th	7:00-9:50	2420	STAFF	01/17-05/26	GR	093
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## HISTORY

**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. CAN HIST 2

Day	31641	TTh	11:00-12:15	106	WEMEIER	01/17-05/26	GR	V01
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D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Eve	30289	Tue	7:00-9:50	2460	RUTKOWSKY	01/17-05/26	GR	093									
Web	31225	ONLINE			RUTKOWSKY	01/17-05/26	GR	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>.*

<b>HIST 2</b>		<b>WESTERN CIVILIZATION SINCE 1600</b>										<b>3.0 Units</b>					
History of the Modern Western World: Romanticism and the Industrial Revolution to the present.																	
Day	30569	TTh	11:00-12:15	2420	MC ELDERRY	01/17-05/26	GR	V01									
Day	31224	MW	8:00-9:15	106	MC ELDERRY	01/17-05/26	GR	V02									
Web	31642	ONLINE			GOUVEIA	01/17-05/26	GR	DE1									

*HIST 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>.*

<b>HIST 7</b>		<b>US HISTORY THROUGH RECONSTRUCT</b>										<b>3.0 Units</b>					
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, representative democratic government, the framework of California state and local government, and the relationship between state/local government and the federal government.																	

Day	30701	MW	9:30-10:45	2490	ROSEN	01/17-05/26	GR	V01									
Day	30023	MW	11:00-12:15	2490	ROSEN	01/17-05/26	GR	V02									
Day	30846	MW	12:30-1:45	103	EDEN	01/17-05/26	GR	V03									
Day	30225	TTh	8:00-9:15	2490	MC ELDERRY	01/17-05/26	GR	V04									
Day	30022	TTh	9:30-10:45	2205	MC ELDERRY	01/17-05/26	GR	V05									
Day	30726	MW	2:00-3:15	2206	CARTER	01/17-05/26	GR	V06									
Day	32572	TTh	12:30-1:45	4130	WEMEIER	01/17-05/26	OP	V07									
Day	32850	TTh	2:00-3:15	2480	WEMEIER	01/17-05/26	OP	V08									
Eve	30507	Wed	4:00-6:50	2204	STEINBERG	01/17-05/26	GR	093									
Eve	30024	Th	7:00-9:50	2490	STEINBERG	01/17-05/26	GR	094									
Web	30397	ONLINE			BENGIVENO	01/17-05/26	GR	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	30751	ONLINE			RUTKOWSKY	01/17-05/26	GR	DE2									
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*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>.*

<b>HIST 8</b>		<b>US HISTORY POST-RECONSTRUCT</b>										<b>3.0 Units</b>					
History of the United States from the post-Civil War period to the present. Emphasis on distinctively American patterns of political, economic, social, intellectual and geographic developments.																	
Day	30518	MW	9:30-10:45	2450	MC ELDERRY	01/17-05/26	GR	V01									
Day	30702	MW	11:00-12:15	2450	MC ELDERRY	01/17-05/26	GR	V02									
Day	30025	MW	2:00-3:15	2490	STAFF	01/17-05/26	GR	V03									
Day	30845	TTh	9:30-10:45	2490	BENGIVENO	01/17-05/26	GR	V04									
Day	30211	TTh	12:30-1:45	106	ROSEN	01/17-05/26	GR	V05									
Day	32346	MW	8:00-9:15	2490	STAFF	01/17-05/26	OP	V06									
Day	32851	TTh	8:00-9:15	2470	ROSEN	01/17-05/26	OP	V07									
Eve	30026	Tue	7:00-9:50	2420	MC ELDERRY	01/17-05/26	GR	093									
Eve	32852	Wed	7:00-9:50	2420	CARTER	01/17-05/26	OP	094									
Web	30256	ONLINE			BENGIVENO	01/17-05/26	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>.*

<i><a href="http://www.laspositascollege.edu/onlinelearning">laspositascollege.edu/onlinelearning</a>.</i>																	
Web	30752	ONLINE			BENGIVENO	01/17-05/26	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>.*

<b>HIST 14</b>		<b>HIST AND AMER CULTURES CALIF</b>										<b>3.0 Units</b>					
Historical development of California, including Spanish exploration and settlement, the Mexican Revolution and transformation, the American conquest, the Gold Rush and dynamic expansion to the present day. In addition to exploring the political, economic, cultural, and social factors affecting the development of California, the course will focus on the roles and interactions of the following groups within the context of California history: African Americans, Asian Americans, European Americans, Latino Americans, and Native Americans.																	

Day	30280	MW	2:00-3:15	106	HIGDON	01/17-05/26	OP	V01									
Web	33045	ONLINE			STAFF	01/17-05/26	OP	DE1									

*HIST 14-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>.*

<b>HIST 25</b>		<b>AMERICAN INDIAN HISTORY</b>										<b>3.0 Units</b>					
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	30201	TTh	11:00-12:15	1641	DUONG	01/17-05/26	OP	V01									

<b>HIST 28</b>		<b>HISTORY OF AMERICAN WEST</b>										<b>3.0 Units</b>					
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	31464	MW	12:30-1:45	801	ROSEN	01/17-05/26	OP	V01									

<b>HIST 32</b>		<b>U.S. WOMENS HISTORY</b>										<b>3.0 Units</b>					
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	30508	TTh	11:00-12:15	2490	BENGIVENO	01/17-05/26	OP	V01									
Day	31465	MW	2:00-3:50	2450	STAFF	01/17-05/26	OP	V02									

## HORTICULTURE

<b>HORT 58</b>		<b>LANDSCAPE CONSTRUCTION</b>										<b>3.0 Units</b>					
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	32962	Mon	6:00-8:50	802	STAFF	01/17-05/26	OP	093									
Lab		Mon	9:00-9:50	802													

**HORT 63 SUSTAINABLE LANDSCAPE 2.0 Units**

This course examines the impact of constructed landscapes on the postindustrial society. Natural ecosystems are studied in order to learn concepts essential to create and maintain sustainable, environmentally sound landscapes. The focus of this course is on planning, designing, installing, and maintaining of landscapes, through the use of ecologically sound construction techniques, materials, and systems.

Eve	32964	MW	5:00-5:50	802	STAFF	01/17-05/26	OP	093
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**HORT 67 INTERIOR PLANTSCAPES 3.0 Units**

Identification, use, propagation, growth, environmental adaptation, ornamental value, and care of container, indoor, and house plants.

Eve	32963	Wed	6:00-8:15	802	STAFF	01/17-05/26	OP	093
		Lab Wed	8:20-9:35	802		01/17-05/26	OP	

*HORT 67-093 course labs will meet every Wednesday, from 8:20-9:35pm in room 802 and will also meet two Saturdays (Saturday dates and times will be announced at the first class meeting).*

## HUMANITIES

**HUMN 3 FLM-DRAMA-MUS-VIS ART-LYR POET 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	30229	TTh	12:30-1:45	2420	WING BROOKS	01/17-05/26	GR	V01
Eve	33050	Th	6:00-8:50	*	STAFF	01/17-05/26	OP	093

*\*HUMN 3-093 will meet at Village High School in Room TBA.*

*Village High School Address: 4645 Bernal Ave. Pleasanton, CA 94566*

**HUMN 6 NATURE AND CULTURE 3.0 Units**

An examination of the aesthetic value of the natural environment leading to the development of an individual critical aesthetic of the natural world. Studies in visual art, including painting, photography, sculpture, land art, mixed media, film, literature, and music.

Day	31017	MW	9:30-10:45	2470	CHIOLIS	01/17-05/26	GR	V01
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**HUMN 10 THE AMERICAN STYLE 3.0 Units**

Humanities in the United States. Major works of literature, painting, sculpture, architecture, film, music, philosophy, science, religion and political and social institutions. Particular attention to values and meanings that reflect the American cultural experience.

Day	30471	MW	2:00-3:15	2420	WING BROOKS	01/17-05/26	OP	V01
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*HUMN 10-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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.*

Eve	30760	Wed	4:00-6:50	2450	CHIOLIS	01/17-05/26	OP	093
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**HUMN 28 THE CLASSIC MYTHS 3.0 Units**

Introduction to mythic themes recurring in literature, the visual arts, and music; gods, humans, heroes; their origins, variations, historical development, and full expression in classical times and continued presence in the arts.

Day	30232	MW	12:30-1:45	2480	WING BROOKS	01/17-05/26	GR	V01
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*HUMN 28-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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.*

Eve	32442	Mon	7:00-9:50	2205	WING BROOKS	01/17-05/26	OP	093
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**HUMN 44 NARRATIVE FILM MUSIC 3.0 Units**

An examination of the function of music in cinema. A discovery of the contributions of classical, popular, and folk composers to the art of filmmaking and the influence of film music on the general culture of our time.

Day	30472	TTh	2:00-3:15	2420	WING BROOKS	01/17-05/26	GR	V01
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*HUMN 44-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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.*

## INTERIOR DESIGN

**INTD 52 HIST OF INTERIORS/FURNISHINGS 3.0 Units**

A survey of the history of interiors and furnishings from Egyptian period to the present. Emphasis on furniture styles and ornamentation.

Eve	32891	Tue	6:00-8:50	802	FENCHEL	01/17-05/26	OP	093
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**INTD 56 PROFESSIONAL PRACTICES 3.0 Units**

Interior design practices including business and marketing aspects, wholesale resource development, design presentation and career preparation, contractual obligations.

Eve	32892	Mon	6:00-8:50	104	HORNBECK	01/17-05/26	OP	093
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**INTD 61 COMPUTERAIDED DESIGN 3.0 Units**

Introduction to basic techniques in computer aided design for interior design, with emphasis on user terminology and hands-on learning. How to set up drawings, dimensioning systems appropriate to architecture. Floor plans, details, drawings and other techniques using the computer.

Eve	30855	Th	5:30-7:20	2412	FENCHEL	01/17-05/26	OP	093
		Lab Th	7:30-10:20	2412		01/17-05/26	OP	

## INTERNSHIP

**INTN 1 INTERNSHIP SEMINAR 1.0 Units**

Taken in conjunction with Internship Field Placement, this seminar examines issues related to work and professional development, in the students' chosen course of study (major). The seminar provides the context to reflect on concrete experiences at the internship site, and link these experiences to previously acquired discipline specific, classroom based knowledge.

*Corequisite: Internship 2*

**INTN1 and INTN 2 must be taken together.**

Day	32811	ONLINE/HYBRID	GRAVINO	01/31-05/26	OP	LD1
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*INTN 1-LD1 is a Late Start hybrid course that meets from Jan 31-May 26. All class meetings will be online EXCEPT on the following dates when students will meet on campus from 6:00-6:50 pm in Room 502: January 31, February 28, March 27, April 24, and the final. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**INTN 2 INTERNSHIP FIELD PLACEMENT 1.0 Units**

Taken in conjunction with the Internship Seminar, the field placement is supervised employment for students who work in a job that is related to their chosen course of study. The placement allows for the application of discipline specific knowledge, skills and abilities gained in the classroom. Units earned are based on hours worked during the semester.

**INTN1 and INTN 2 must be taken together.**

Day	32812	By Arr	1.0 Hrs/Wk	tba	GRAVINO	01/17-05/26	OP	V01
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*This course has an online component which begins the third week of the semester; there are five required on campus meetings.*



## ITALIAN

**ITLN IB ELEMENTARY ITALIAN 5.0 Units**

This is the second semester of the introductory level course and will enable students to continue learning to speak, read and write elementary level Italian as well as to understand the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts.

*Prerequisite: Italian 1A (completed with a grade of "C" or higher) or equivalent.*

Day	33029	TTh	1:30-3:45	507	STAFF	01/17-05/26	OP	V01
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## KINESIOLOGY

**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 blackboard-enhanced assignments.

Day	32902	MW	12:30-1:45	PE212	NAVARRO	01/17-05/26	OP	V01
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**KIN 15 FIRST AID AND SAFETY 1.5 Units**

This course has been designed to help you acquire the knowledge and skills you will need to effectively respond to emergency situations. Topics include: recognition and treatment for cardiac and respiratory emergencies, first aid for bleeding, shock, burns, poisoning, stroke, and various injuries. American Red Cross Standard First Aid and Community CPR/AED certificates issued upon successful completion of Red Cross requirements.

*Materials fee of \$27.00 associated with this class.*

Day	31256	Tue	2:00-3:15	PE212	STAFF	01/17-04/05	GR	LS1
		Lab Th	2:00-3:50	PE212		01/17-04/05	GR	

*KIN 15-LS1 is a Late Start course that meets from Jan 17-Apr 5.*

**KIN 24 SPORT PSYCHOLOGY 3.0 Units**

A formal introduction to the study of sport psychology focusing upon both the psychological factors that influence participation in sport and exercise and the psychological effects derived from that participation. Emphasis on understanding the psychological processes involved in human performance, models of intervention that can enhance and improve learning and performance conditions, and the strategies which can elicit and influence favorable psychological perceptions and outcomes. Students who have completed or are enrolled in Psychology 24 may not receive credit.

Day	31200	TTh	11:00-12:15	PE209	SAPSFORD	01/17-05/26	GR	V01
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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	32113	MW	9:30-10:45	801	CRAIGHEAD	01/17-05/26	OP	V01
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**KIN 31C SPRING INTERCOL BASKETBALL-MEN 1.0 Units**

Training for intercollegiate competition. Daily practice. Spring

semester.

Day	31565	Daily	2:00-3:50	PE101	GIACOMAZZI	01/17-03/10	GR	FTI
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*KIN 31C-FTI is a Fast Track course that meets from Jan 17-Mar 10.*

**KIN 31D OFF SEAS INTERCOL MENS BSKTBL 1.0 Units**

Students will practice the skills of passing, dribbling, shooting, cutting, screening and defensive fundamentals that are necessary for competitive basketball play. Students will learn the governing rules of basketball, learn the appropriate terminology used in basketball and the safety procedures related to the game.

Day	32014	MTWTh	2:00-3:50	PE101	GIACOMAZZI	03/27-05/26	OP	LS1
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*KIN 31D-LS1 is a Late Start course that meets from Mar 27-May 26.*

**KIN 38C OFF SEASON INTERCOL SOCCER-MEN 2.0 Units**

Students will learn and develop the advanced outdoor soccer skills of kicking, passing and conditioning necessary for playing field soccer at an intercollegiate level. Students will learn the rules governing outdoor soccer play.

Day	31584	TTh	9:30-10:45	SYNTH	CUMBO	01/17-05/26	GR	V01
		MW	9:30-10:45	PE202		01/17-05/26	GR	

**KIN 41C INTERCOLLEGIATE BSKTBL WOMEN 1.0 Units**

Training for intercollegiate competition. Daily practice. Spring semester.

Day	31566	Daily	4:00-5:50	PE101	MORGAN	01/17-03/10	GR	FTI
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*KIN 41C-FTI is a Fast Track course that meets from Jan 17-Mar 10.*

**KIN 41D OFF SEA INTERCOL WOMENS BSKBL 1.0 Units**

Students will practice the skills of dribbling, passing, shooting and defense necessary for competitive basketball play; put into practice the governing rules of basketball; learn about the appropriate terminology used in basketball and the safety procedures related to the game.

Day	31587	MTWTh	4:00-5:50	PE101	MORGAN	03/27-05/26	GR	LE1
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*KIN 41D-LS1 is a Late Start course that meets from Mar 27-May 26.*

**KIN 48C OFF SEASON INTE WOMEN SOCCER 1.0 Units**

Students will practice the skills of kicking, passing, trapping and heading necessary for controlled outdoor soccer play; put into practice the rules governing outdoor soccer play; learn about the appropriate terminology used in soccer and the safety procedures related to the soccer game.

Day	31585	MW	11:00-12:15	SYNTH	SAPSFORD	01/17-05/26	GR	V01
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**KIN 50 INTERCOLLEGIATE SWIMMING/DIVI 2.0 Units**

This course is for intercollegiate swimming and diving competition conducted through the NCAA and the CCCAA. *Strongly recommended: KIN SW3 and KIN SWF1 (completed with grades of "C" or better).*

Day	31201	Daily	5:30-7:20	POOL2	CRAIGHEAD	01/17-05/08	GR	V01
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**KIN AWT ADAPTED WEIGHT TRAINING 1.0 Units**

This adapted kinesiology course is for those individual's with special needs as a result of a disability and/or limitation(s). It provides an opportunity to learn methods to improve muscular strength and endurance in a safe, supervised gym environment. Students will learn sound training principles and their application. A personalized exercise program will be designed to meet the individual needs and goals of each student. Student will be required to provide medical clearance to participate in this course.

Day	32903	TTh	9:30-10:45	PE104	STAFF	01/17-05/26	OP	V01
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**KIN BCI BOOT CAMP I-FLEX/CORE DEV 1.0 Units**

Improve flexibility and core development (thus providing stability

to our movements) through a variety of drills and military style movements. Functional training delivered in an intense environment.

Day 32905 TTh 11:00-12:15 PE202 CUMBO 01/17-05/26 OP V01

**KIN BC2 BOOT CAMP FOR AEROBIC COND 1.0 Units**

Improve aerobic capacity, muscle endurance and cardiorespiratory fitness through a variety of drills and military style movements. Functional training delivered in an intense environment.

Day 32904 TTh 11:00-12:15 PE202 CUMBO 01/17-05/26 OP V01

**KIN BC3 BOOT CAMP FOR POWER & STRENGTH 1.0 Units**

Improve muscle strength & power through a variety of drills and military style movements. Functional

Day 32003 TTh 11:00-12:15 PE202 CUMBO 01/17-05/26 OP V01

**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.

Day 32114 TTh 11:00-12:15 PE101 NAVARRO 01/17-05/26 OP V01

**KIN BD3 BADMINTON 3 1.0 Units**

Badminton strategy for singles and doubles play. The play will be examined.

*Strongly Recommended KIN BD2.*

Day 32013 TTh 11:00-12:15 PE101 NAVARRO 01/17-05/26 OP V01

**KIN BK BASKETBALL 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 32526 MW 12:30-1:45 PE101 GIACOMAZZI 01/17-05/26 OP V01

**KIN BKP BASKETBALL ADVANCED PLAY 1.0 Units**

This course is designed to provide the student with an opportunity to develop the skills and understanding of basketball at the advanced level. 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.

*Strongly recommended: PE BK Basketball.*

Day 32417 MW 12:30-1:45 PE101 GIACOMAZZI 01/17-05/26 OP V01

**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 32908 MW 12:30-1:45 SYNTH CRAIGHEAD 01/17-05/26 OP V01

**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.

Day 31569 MW 12:30-1:45 SYNTH CRAIGHEAD 01/17-05/26 OP V01

**KIN FL3 FLAG FOOTBALL 3 1.0 Units**

This is an intermediate/advanced course designed to teach students the principles of long-field flag football. Instruction will include: rules, regulations, and concepts of play for 7-on-7 and 8-on-8 flag football.

Day 32404 MW 12:30-1:45 SYNTH CRAIGHEAD 01/17-05/26 OP V01

**KIN FN2 FENCING 2 1.0 Units**

This course is an introduction to epee. Emphasis is on the technical and tactical skills unique to epee fencing. Basic skills include the development of correct footwork, precise blade action, and sound tactical decisions.

Day 31568 TTh 2:00-3:15 PE102 STAFF 01/17-05/26 OP V01

**KIN FSI INTRODUCTION TO FUTSAL 1.0 Units**

This is an introductory course designed to review and practice the basic fundamental skills relative to the game of Futsal. Students will learn the basic rules of Futsal, which is a derivative of soccer and played with five-player teams on a basketball court, with no walls and a low bouncing ball.

Day 31570 Mon 6:00-8:50 PE101 SAPSFORD 01/17-05/26 OP 093

**KIN FS2 ADVANCED FUTSAL 1.0 Units**

This Futsal course will focus on intermediate skills. For example, students will become familiar with methods of combination play to penetrate compact, zonal defenses. Also, illustrations of how and when to apply principles of pressure, cover and balance in coordinated defending are incorporated.

*Strongly Recommended: KIN FSI (with a grade of "C" or better)*

Eve 32015 Mon 6:00-8:50 PE101 SAPSFORD 01/17-05/26 OP 093

**KIN FSC FIRE SERVICE COND/AGILITY DEV 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.

Eve 31202 Mon 4:00-6:50 801 STAFF 01/17-05/26 OP 093

**KIN FW2 FITNESS WALKING 2 1.0 Units**

This is an intermediate level course in fitness walking. All activity will be directed to increase endurance and speed. It is expected that each student will establish a consistent and dedicated workout program.

Day 31595 MW 8:00-9:15 TRACK GIACOMAZZI 01/17-05/26 OP V01

Eve 31571 TTh 5:00-6:15 TRACK STAFF 01/17-05/26 OP 093

**KIN FW3 FITNESS WALKING 3 1.0 Units**

This is an advanced walking course that involves intensive training. The purpose is to prepare the student Emphasis will be on speedwork and hill training.

*Strongly Recommended: KIN FW1 (with a minimum grade of C).*

Day 32004 MW 8:00-9:15 TRACK GIACOMAZZI 01/17-05/26 OP V01

Eve 32005 TTh 5:00-6:15 TRACK STAFF 01/17-05/26 OP 093

**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

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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hamstrings. Functional exercises such as squats, lunges and planks will be utilized.

Day	32222	TTh	12:30-1:45	PE143	CUMBO	01/17-05/26	OP	V01
Day	32586	MW	11:00-12:15	PE143	CUMBO	01/17-05/26	OP	V02

**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.

*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.*

Day	32416	TTh	12:30-1:45	*	SAPS FORD	01/17-05/26	OP	V01
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*\*offsite room meets at the Tri-Valley Golf Center  
1780 Friesman Road, Livermore, CA*

**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.

*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.*

Day	33048	TTh	12:30-1:45	*	SAPS FORD	01/17-05/26	OP	V01
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*\*offsite room meets at the Tri-Valley Golf Center  
1780 Friesman Road, Livermore, CA*

**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	33033	TTh	12:30-1:45	*	SAPS FORD	01/17-05/26	OP	V01
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*\*offsite room meets at the Tri-Valley Golf Center  
1780 Friesman Road, Livermore, CA*

**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	32006	ONLINE/HYBRID	SAPS FORD	01/17-05/26	OP	HD1
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*KIN PF-DE2 is a hybrid course. All class meetings will be online, EXCEPT on the following dates, when students are required to meet on campus in Room PE104 for a pre-assessment and orientation; either Wed, Jan. 20 from 5:30-6:30pm or Thurs. Jan. 21 from 7:00-8:00pm in PE104. The post-fitness assessment will be held on campus Wednesday, May 18th from 5:30-6:30pm in PE104. Students must log into Blackboard on January 17 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.laspositacollege.edu/onlinelearning>.*

Web	32429	ONLINE/HYBRID	NAVARRO	01/17-05/26	OP	HD2
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*KIN PF-HD2 is a hybrid course. All class meetings will be online, EXCEPT on the following dates, when students are required to meet on campus in Room PE104 for a pre-assessment and orientation; either Tues. Jan. 19 from 6:45-7:45pm or Wed. Jan. 20 from 6:45-7:45pm in PE104. The post-fitness assessment will be held on campus May 20 from 6:00-7:00pm in PE104. Students must log into Blackboard on January 17 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.laspositacollege.edu/onlinelearning>.*

Web	31564	ONLINE/HYBRID	NAVARRO	01/17-05/26	OP	HD3
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*KIN PF-HD3 is a hybrid course. All class meetings will be online, EXCEPT on the following dates, when students are required to meet on campus in Room PE104 for a pre-assessment and orientation; either Tues., Jan. 19 from 5:30-6:30pm OR Thur., Jan.21 from 5:30-6:30pm. The post-fitness assessment will be held on campus May 19 from 5:30-6:30pm in PE104. Students must log into Blackboard on January 17 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.laspositacollege.edu/onlinelearning>.*

**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	32007	TTh	8:00-9:15	PE213	STAFF	01/17-05/26	OP	V01
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Day	32008	MW	3:30-4:45	PE213	STAFF	01/17-05/26	OP	V02
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**KIN PL2 PILATES 2 1.0 Units**

Continued study of the Pilates Method of body conditioning. Defined as "complete coordination of the body, mind, and spirit", the Pilates exercises focus on developing the core stabilizing muscles of the abdomen, or powerhouse. Using the principles of Pilates as a base, this class offers variations to traditional exercises as well as adding props to increase difficulty.

*Strongly recommended: KIN PM.*

Day	31593	TTh	8:00-9:15	PE213	STAFF	01/17-05/26	OP	V01
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Day	31594	MW	3:30-4:45	PE213	STAFF	01/17-05/26	OP	V02
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**KIN SD SALSA DANCE 1 1.0 Units**

An introductory course in salsa music and the basics of salsa dance. Various patterns will be introduced, allowing students to improve their technique and develop a strong awareness of the rhythm of the dance. No partner required.

Eve	31586	TTh	6:00-7:15	PE143	STAFF	01/17-05/26	OP	093
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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	32909	MW	11:00-12:15	POOL2	NAVARRO	01/17-05/26	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).

Day	32911	MW	11:00-12:15	POOL2	NAVARRO	01/17-05/26	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

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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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.

Day 32912 MW 11:00-12:15 POOL2 NAVARRO 01/17-05/26 OP V01

**KIN TK2 TAE KWON DO 2 1.0 Units**

Designed to reinforce and build on the many principles of the Korean martial art Tae Kwon Do from Tae Kwon Do 1. Developing intermediate techniques in kicking, punching and sparring; course will reinforce concepts of fitness and cardio-respiratory conditioning achieved through participating in Taekwondo. Students develop intermediate self-defense techniques developed from Taekwondo skills. This course is structured as a continuation from TK 1.

Day 31572 MW 11:00-12:15 PE213 STAFF 01/17-05/26 OP V01

**KIN TK3 TAE KWON DO 3 1.0 Units**

Designed to advance student proficiency of the many practice advanced techniques in kicking, punching and sparring; demonstrate of knowledge in concepts of fitness and cardio-respiratory conditioning achieved through participating in Taekwondo. This course is structured as a continuation from TK2.

Day 32405 MW 11:00-12:15 PE213 STAFF 01/17-05/26 OP V01

**KIN UF1 ULTIMATE FRISBEE I 1.0 Units**

This is an introductory course designed to teach students basic skills of ultimate frisbee and "spirit of the game." Instruction will include learning basic throws, catches, offensive and defensive strategies, and rules of the game.

Eve 32411 Mon 6:00-8:50 SYNTH STAFF 01/17-05/26 OP 093

**KIN UF2 ULTIMATE FRISBEE 2 1.0 Units**

This is a beginning/intermediate level course designed to enhance skills that pertain to the sport of ultimate frisbee. Instruction will include throwing, catching, pivoting, and an introduction to offensive and defensive strategies.

Eve 32412 Mon 6:00-8:50 SYNTH STAFF 01/17-05/26 OP 093

**KIN UF3 ULTIMATE FRISBEE 3 1.0 Units**

This is an advanced level course designed to master the skills necessary to compete in the sport of ultimate frisbee. Instruction will include increasing throwing distance and accuracy, offensive and defensive strategies, and aerobic conditioning.

Eve 32413 Mon 6:00-8:50 SYNTH STAFF 01/17-05/26 OP 093

**KIN UF4 ULTIMATE FRISBEE 4 1.0 Units**

This is an advanced level course designed to prepare students for tournament play in the sport of ultimate frisbee. Instruction will include increasing a strong emphasis on physical conditioning: agility, speed, and endurance. Instruction will also include game management and coaching philosophy.

*Strongly Recommended: KIN UF3*

Eve 32913 Mon 6:00-8:50 SYNTH STAFF 01/17-05/26 OP V01

**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.**

Day 31573 MW 9:30-10:45 PE101 NAVARRO 01/17-05/26 OP V01

**KIN VB3 VOLLEYBALL ADVANCED 1.0 Units**

Advanced techniques of volleyball with emphasis on competitive play.

*Strongly Recommended: KIN VB2 (completed with a grade of "C" or better).*

Day 32016 MW 9:30-10:45 PE101 NAVARRO 01/17-05/26 OP V01

**KIN WPI WATER POLO I 1.0 Units**

This course is an introduction to the sport of Water Polo. Instruction will include individual skills relating to the play of water polo. Instruction will also include rules, regulations, and basic team play.

*Strongly recommended: KIN SW2 (completed with a grade of "C" or better).*

Day 32414 TTh 7:00-9:05 POOL2 STAFF 03/07-05/26 OP LE1

*KIN WPI-LE1 is a Late Start course that meets from Mar 7-May 26.*

**KIN WP2 WATER POLO 2 1.0 Units**

This is an intermediate course designed to give the student the opportunity to learn and enhance personal and team skills relating to the game of Water Polo. Instruction will focus on advancing individual skills, team strategies, and an appreciation for competition.

Day 32415 TTh 7:00-9:05 POOL2 STAFF 03/07-05/26 OP LE1

*KIN WP2-LE1 is a Late Start course that meets from Mar 7-May 26.*

**KIN WT1 WEIGHT TRAINING I 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 32406 TTh 8:00-9:15 PE202 STAFF 01/17-05/26 OP V01

Day 32009 TTh 9:30-10:45 PE202 STAFF 01/17-05/26 OP V02

Day 32010 MW 11:00-12:15 PE202 STAFF 01/17-05/26 OP V03

Day 32407 MW 12:30-1:45 PE202 STAFF 01/17-05/26 OP V04

Day 32011 TTh 12:30-1:45 PE202 STAFF 01/17-05/26 OP V05

Day 32115 MW 2:00-3:15 PE202 STAFF 01/17-05/26 OP V06

Eve 32012 TTh 5:30-6:45 PE202 STAFF 01/17-05/26 OP 093

**KIN WT2 WEIGHT TRAINING 2 1.0 Units**

This is an intermediate level course. Students will learn how to improve muscle strength and muscle endurance through the correct application of intermediate level weight training principles.

Day 31574 TTh 8:00-9:15 PE202 STAFF 01/17-05/26 OP V01

Day 31575 TTh 9:30-10:45 PE202 STAFF 01/17-05/26 OP V02

Day 31576 MW 11:00-12:15 PE202 STAFF 01/17-05/26 OP V03

Day 32408 MW 12:30-1:45 PE202 STAFF 01/17-05/26 OP V04

Day 31577 TTh 12:30-1:45 PE202 STAFF 01/17-05/26 OP V05

Day 31578 MW 2:00-3:15 PE202 STAFF 01/17-05/26 OP V06

Eve 31596 TTh 5:30-6:45 PE202 STAFF 01/17-05/26 OP 093

**KIN WTW2 WOMENS 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 & 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.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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*Strongly Recommended: KIN WTW with a minimum grade of C.*

Day	33034	MW	9:30-10:45	PE203	STAFF	01/17-05/26	OP	V01
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**KIN YO1 YOGA I 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	32705	MW	8:00-9:15	PE213	CUMBO	01/17-05/26	OP	V01
Day	32709	MW	9:30-10:45	PE213	STAFF	01/17-05/26	OP	V02
Day	32711	TTh	12:30-1:45	PE213	STAFF	01/17-05/26	OP	V03
Day	32713	MW	2:00-3:15	PE213	STAFF	01/17-05/26	OP	V04
Day	32715	TTh	3:30-4:45	PE213	STAFF	01/17-05/26	OP	V05
Day	32716	Fri	9:30-12:20	PE213	STAFF	01/17-05/26	OP	V06
Eve	32695	TTh	5:30-6:45	PE213	STAFF	01/17-05/26	OP	093

**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.

Day	31579	MW	8:00-9:15	PE213	CUMBO	01/17-05/26	OP	V01
Day	31580	MW	9:30-10:45	PE213	STAFF	01/17-05/26	OP	V02
Day	31581	TTh	12:30-1:45	PE213	STAFF	01/17-05/26	OP	V03
Day	31597	MW	2:00-3:15	PE213	STAFF	01/17-05/26	OP	V04
Day	31662	TTh	3:30-4:45	PE213	STAFF	01/17-05/26	OP	V05
Day	32410	Fri	9:30-10:45	PE213	STAFF	01/17-05/26	OP	V06
Eve	31582	TTh	5:30-6:45	PE213	STAFF	01/17-05/26	OP	093

**KIN CYCL1 CYCLING CONDITIONING I 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	32906	TTh	9:30-10:45	PE143	NAVARRO	01/17-05/26	OP	V01
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**KIN TDE1 TENIO DECUERDAS ESKRIMA I 1.0 Units**

An introductory course of the Filipino martial art system combining 18 styles of eskrima, kali, and arnis. The course will focus on history of the system, basic movement and striking, increasing hand speed, defenses against daga, daga versus daga, and how to receive techniques safely.

Day	33032	TTh	2:00-3:15	PE213	KUTIL	01/17-05/26	OP	V01
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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	33027	MW	9:30-10:45	PE203	STAFF	01/17-05/26	OP	V01
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**KIN ZUM1 ZUMBA FITNESS WORKOUT I 1.0 Units**

Zumba is a Latin-inspired, dance-fitness workout class that incorporates Latin American inspired music, along with jazz, hip hop, pop, country and African inspired international music. Zumba workouts will use choreographed steps and movements to form a fitness based calorie burning dance workout.

Day	32914	MW	12:30-1:45	PE102	STAFF	01/17-05/26	OP	V01
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## LEARNING SKILLS

**LRNS 110 TRANSITION TO COLLEGE-DSP&S 0.5 Units**

This course is designed to promote the successful transition of students with disabilities to college. Students will be introduced to the overall cultural differences between high school and college as well as the specific demands of accessing support services in college. Emphasis will be placed on the identification of the legal basis for accommodations, the development of advocacy skills, and the identification of learning strategies.

Eve	32186	Mon	5:00-7:00	1640	STAFF	01/17-05/26	P/N	LS1
		Mon	5:00-7:00	1640		01/17-05/26	P/N	
		Mon	5:00-7:00	1640		01/17-05/26	P/N	
		Mon	5:00-7:00	1640		01/17-05/26	P/N	
Eve	32187	Tue	6:00-8:00	1640	STAFF	01/17-05/26	P/N	LS2
		Tue	6:00-8:00	1640		01/17-05/26	P/N	
		Tue	6:00-8:00	1640		01/17-05/26	P/N	
		Tue	6:00-8:00	1640		01/17-05/26	P/N	

**LRNS 116 INTRO TO LEARNING DISABILITIES 1.0 Units**

Introduces the definition, characteristics and myths of learning disabilities. The focus will be on how the brain learns, to include information processing, learning styles, memory, retention and retrieval of information, and types and effects of learning related disabilities on academic performance. Practical instruction is provided on learning tools and compensating strategies. Appropriate for anyone experiencing difficulty with academic achievement in any area. This course will be used to screen for appropriateness of assessment for learning disabilities.

Day	30243	Th	9:00-10:55	1640	SCHOENECKER	01/17-03/17	P/N	FTI
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*fast track*

**LRNS 117 LEARNING SKILLS-READING 3.0 Units**

Prepares students with learning related disabilities for college level reading assignments. The focus will be on learning compensatory strategies in reading comprehension, becoming an active reader and building vocabulary. Overall goal is to enhance critical reading strategies for college courses. In addition, guided practice in specific learning and study strategies will be provided as they relate to success in content courses. Students will learn the theory of how memory works and how to apply it to their own memory.

Day	32532	MW	11:00-12:25	1640	SCHOENECKER	01/31-05/26	OP	LS1
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late start

**LRNS 118 LEARNING SKILLS-WRITING 2.0 Units**

Provides writing support for students with learning related disabilities who are taking basic skills courses in English. The focus is to remediate gaps in the understanding of grammar and simple and complex sentence structure. Students will be given strategies and practice opportunities to enhance their mastery of the writing process, as is needed for English composition as well

as academic essays. The proper use of punctuation, capitalization and the use of assistive technology will be highlighted.

Day 32965 TTh 11:00-12:15 1640 SCHOENECKER 01/31-05/26 OP LSI late start

**LRNS 119B LEARNING SKILLS PRE-ALGEBRA 2.0 Units**

Assists students with learning/reviewing pre-algebra concepts in preparation for success in mainstream algebra classes. This includes gaining confidence with integers, variables, setting up and solving basic linear and proportional equations and using logic to set-up equations for word problems. Also covered is the use of geometric formulae to find the area, perimeter and volume of shapes for practical application and the use of order of operations to simplify arithmetic and algebraic expressions.

Day 31673 MW 10:00-10:50 1640 SCHOENECKER 01/31-05/26 P/N V01 late start

## LIBRARY SKILLS

**LIBR 4 COLLEGE RESEARCH TECHNIQUES 0.5 Units**

Introduction to basic research techniques in a college library. Focus on use of the library catalog, search strategies, organization of materials in the library including reference, faculty reserves, circulating books, audiovisuals, use of reference materials, evaluation of relevant resources, recognition of plagiarism, and bibliographic citation of books, audiovisuals, and magazines and journals.

Eve 32916 Mon 5:00-7:15 2003 RIPPEL 01/30-04/24 P/N LSI

LIBR 4-LSI meets four Mondays: January 30, February 27, March 27, and April 24 in room 2003.

**LIBR 6 RESEARCH IN SPECIAL SUBJECTS 0.5 Units**

Introduction to college library research techniques in a specific subject area. Focus on campus and remote use of subject databases, emphasis on discipline specific physical and electronic resources, search strategies, evaluation of relevant resources, distinction between scholarly journals and popular magazines, discussion of plagiarism, and bibliographic citation of materials.

Day 32917 Fri 10:00-12:50 2003 RIPPEL 03/03-03/27 P/N LSI

LIBR 6-LSI meets three Fridays: March 3, March 10, and March 27. Special subject of research will be business.

**LIBR 7 THE OPEN WEB & SEARCH ENGINES 0.5 Units**

Introduction to research techniques in a college library using search engines to find materials on the open web. Focus on use of the open web for research purposes, including web search strategies, appropriate search engines and directories, evaluation techniques for web resources, recognition of plagiarism, and bibliographic citation of web resources.

Day 32000 Fri 10:00-12:50 2003 RIPPEL 04/07-04/21 P/N LSI

LIBR 7-LSI meets three Fridays: April 7, April 14, and April 21.

**LIBR 8 RESEARCH & INFO. LITERACY 2.0 Units**

Introduction to research techniques using college library resources. Teaches the skills needed to successfully find, evaluate, and document information in print, electronic, and Internet formats. Covers plagiarism, the ethical and legal aspects of information use, and the critical thinking skills necessary for successful college research.

LIBR 8 is part of the Puente Program. For more information, or to register for the program, please contact Rafael Valle at rvalle@laspositascollege.edu.

Day 31999 MW 9:30-10:45 2033 AMAYA 03/20-05/19 OP P01  
ONLINE/HYBRID 03/20-05/19 OP

LIBR 8-P01 is an online hybrid course with required on-campus class meetings. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

## MARKETING

**MKTG 50 INTRODUCTION TO MARKETING 3.0 Units**

Introduction to marketing principles, concepts and methods as an evolving process that creates and delivers value; focus on the evolution of the marketing system; market research; research on the demographic and behavioral dimensions of markets; internal and external variables in designing a marketing program; analysis of marketing strategies and the impact of the external business environment on marketing mix decisions.

Strongly recommended: English 1A.

Day 30103 MW 9:30-10:45 2205 STOKKE 01/17-05/26 OP V01

Eve 31493 Tue 6:00-8:50 2205 STOKKE 01/17-05/26 OP 093

Web 30840 ONLINE STOKKE 01/17-05/26 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.laspositascollege.edu/onlinelearning>.

**MKTG 60 RETAIL STORE MANAGEMENT 3.0 Units**

Profitably starting and managing a retail business. Practical information such as finding a site and managing personnel, merchandising, buying, pricing, financial management, store security and information systems.

Strongly recommended: Marketing 56 or Business 53.

Web 31016 ONLINE JUREVICH 01/31-05/26 OP L01

MKTG 60-L01 is a Late Start online course that meets from Jan 31-May 26. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

## MASS COMMUNICATIONS

**MSCM 1 INTRO.REPORTING & NEWSWRITING 3.0 Units**

An introduction to gathering, synthesizing/ organizing, and writing news in journalistic style across multiple platforms. Includes role of the journalist, analysis ethical issues. Students will report and write based on their original interviews and research to produce news content. Experiences may include covering speeches, meetings, and other events, writing under deadline and use of AP Style.

Strongly recommended: Eligibility for ENG 1A.

Day 32984 Fri 9:30-12:20 2409 THOMPSON 01/17-05/26 OP V01

**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.

Day 30711 Tue 2:00-3:15 106 THOMPSON 01/17-05/26 GR HY1

ONLINE/HYBRID 01/17-05/26 GR

MSCM 5-HY1 is a hybrid course. Students will meet on campus Tuesdays from 9am-10:45am in Room 106. 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>.

**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	31471	Lab	Mon	1:00-3:50	2409	KORBER	01/17-05/26	OP	V01
		Lab	Wed	1:00-2:20	2409		01/17-05/26	OP	
			Fri	1:00-1:50	2409		01/17-05/26	OP	
		Lab	By Arr	1.5 Hrs/Wk	2409		01/17-05/26	OP	

**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 (completed with a grade of "C" or higher). Strongly recommended: Eligibility for ENG 1A.*

Day	31472	Lab	Mon	1:00-3:50	2409	KORBER	01/17-05/26	OP	V01
		Lab	Wed	1:00-2:20	2409		01/17-05/26	OP	
			Fri	1:00-1:50	2409		01/17-05/26	OP	
		Lab	By Arr	1.5 Hrs/Wk	2409		01/17-05/26	OP	

**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.

Day	32353	Lab	Mon	1:00-3:50	2409	KORBER	01/17-05/26	OP	V01
		Lab	Wed	1:00-2:20	2409		01/17-05/26	OP	
			Fri	1:00-1:50	2409		01/17-05/26	OP	
		Lab	By Arr	1.5 Hrs/Wk	2409		01/17-05/26	OP	

**MSCM 16D EXPRESS COLLEGE NEWSPAPER 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 Student assumes a leadership role and create workshops to benefit other staff members.

Day	32354	Lab	Mon	1:00-3:50	2409	KORBER	01/17-05/26	OP	V01
		Lab	Wed	1:00-2:20	2409		01/17-05/26	OP	
			Fri	1:00-1:50	2409		01/17-05/26	OP	

Lab	By Arr	1.5 Hrs/Wk	2409	01/17-05/26	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 editors or managers of the Express.

*Strongly recommended: Eligibility for English 1A.*

**Corequisite: Mass Communications 16.**

Day	31886	Fri	2:00-2:50	2409	KORBER	01/17-05/26	OP	V01
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**MSCM 19A LITERARY MAGAZINE 3.0 Units**

Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary supplement and/or magazine. Enrollment constitutes the staff of the magazine. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the students job description and availability to participate. 1 hour lecture, 1.5 or 3 hours laboratory. (Cross List with ENG 19A; A student who has completed ENG 19A cannot enroll in MSCM 19A).

Day	31563	MW	11:00-11:50	2409	KORBER	01/17-05/26	OP	HDI
			ONLINE/HYBRID			01/17-05/26	OP	

*MSCM 19A-HDI is a hybrid course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**MSCM 19B LITERARY MAGAZINE B 1.5 Units**

Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary supplement and/or magazine. Enrollment constitutes the staff of the magazine. The number of laboratory units will be agreed upon and scheduled by instructor and student based on the students job description and availability to participate. 1 hour lecture, 1.5 or 3 hours laboratory. (Cross List with ENG 19B; A student who has completed ENG 19B cannot enroll in MSCM 19B).

Day	31590	Wed	11:00-11:50	2409	KORBER	01/17-05/26	OP	V01
		Lab	Mon	11:00-11:50	2409		01/17-05/26	OP
		Lab	By Arr	2.0 Hrs/Wk	2409		01/17-05/26	OP

**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 English 1A.*

Web	31473	ONLINE	KORBER	01/17-05/26	OP	DEI
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*MSCM 31-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>*

**MSCM 32A INTRO TO RADIO PRODUCTION 3.0 Units**

History, law, ethics, theory, and practical use of radio technology. Operations procedures and practices in a modern radio broadcast studio. Extended study of various aspects of radio production, including editing and announcing, producing studio-recordings, producing a news or feature interview story, producing pre-recorded newscasts, supporting station operations, preparing content for radio programming, publishing content online, selling ads, establishing a brand identity, producing news, collaborating with other media, creating and maintaining audio streams, podcasts, and direct feed, creating content for a multimedia website, and producing ad spots and promotional posts. 1 hours lecture; 2 hours lab

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Eve	32355	Mon	4:00-4:50	507	GALINDO	01/17-05/26	OP	093
Lab		MW	5:00-7:50	507		01/17-05/26	OP	

**MSCM 32B INTERMEDIATE RADIO PRODUCTION 3.0 Units**

Intermediate-level procedures and practices in a modern radio broadcast studio. Extended study of various aspects of intermediate-level radio production, including editing and announcing, producing a live newsmagazine interview program, producing pre-recorded newscasts, managing station operations, preparing commercial radio programming, selling ads, establishing a brand identity, producing news, collaborating with other media, creating and maintaining audio streams, podcasts, and direct feed, creating a multimedia news website, and producing ad spots and promotional posts.

*Prerequisite MSCM 32A (completed with a grade of "C" or higher).*

Eve	32356	Mon	4:00-4:50	507	GALINDO	01/17-05/26	OP	093
Lab		MW	5:00-7:50	507		01/17-05/26	OP	

**MSCM 35 MULTIMEDIA REPORTING 3.0 Units**

This course will provide an introduction to multimedia storytelling with a journalism emphasis. Techniques that will be explored include use of video, photos, audio, animation, and text to convey interactive news and feature stories through the Internet and other electronic media. It also will include techniques in digital research, critical thinking, and synthesis. It will introduce the legal and ethical issues in the recording of sources. Emphasis is placed upon the methods and techniques of multimedia reporting, including scripting, storyboarding, camera use, lighting, sound, and editing with video editing software such as Final Cut Pro.

Day	32985	Tue	9:30-10:20	2409	THOMPSON	01/17-05/26	OP	V01
Lab		TTh	10:30-1:20	2409		01/17-05/26	OP	

**MSCM 72 BEGINNING PHOTOJOURNALISM 3.0 Units**

This course deals with the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Covered are news and feature photography and photographic essays, including composition, impact, and creativity, for newspapers, magazines, the Internet, and other mass communications media. Understanding and applying photojournalistic and basic technical and visual skills in the making of successful reportage photographs. Consideration of the work of major 20th and 21st century photojournalists. Course is cross listed with PHTO 72. Student will receive credit for taking either MSCM 72 or PHTO 72.

*Strongly Recommended: PHTO 50 and/or PHTO 56, and/or VCOM 53.*

Day	32435	Tue	2:00-3:50	713	HORVATH	01/17-05/26	OP	V01
Lab		Tue	4:00-4:50	713		01/17-05/26	OP	
Lab		Th	2:00-4:50	713		01/17-05/26	OP	

## MATH

**MATH I 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; differentiation and integration of trigonometric, exponential and logarithmic functions; the Fundamental Theorem of Calculus; areas and volumes of solids of revolution.

*Prerequisite: Mathematics 20 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.*

**Math I 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	32706	MWF	8:00-9:25	1874	PETERSON	01/17-05/26	OP	V01
Day	32467	TTh	8:00-10:15	1871	DAUBENMIRE	01/17-05/26	OP	V02
Day	32590	TTh	12:30-2:45	2470	POWERS	01/17-05/26	OP	V03
Eve	32696	MW	5:00-7:15	503	OWENS	01/17-05/26	OP	093

**MATH 2 CALCULUS II 5.0 Units**

Continuation of single-variable differential and integral calculus. Topics covered include: inverse and hyperbolic functions; techniques of integration; parametric equations; polar coordinates; sequences, series, power series and Taylor series. Introduction to Cartesian coordinates in three dimensions and operations with vectors. Primarily for mathematics, physical science and engineering majors.

*Prerequisite: Mathematics 1 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics placement process.*

Day	32707	MWF	11:00-12:25	1871	STAFF	01/17-05/26	OP	V01
Day	32925	TTh	3:30-5:45	104	STAFF	01/17-05/26	OP	V02
Eve	32697	TTh	7:30-9:45	503	MORRIS	01/17-05/26	OP	093

**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: Mathematics 2 (completed with a grade of "C" or higher).*

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

Day	30197	MWF	11:00-12:25	503	MAJUMDAR	01/17-05/26	GR	V01
Eve	31990	MW	7:30-9:45	505	STAFF	01/17-05/26	OP	093

**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: Mathematics 3 (completed with a grade of "C" or higher).*

**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	30390	Mon	7:30-9:20	502	KUTIL	01/17-05/26	GR	093
		Wed	7:30-8:20	502		01/17-05/26	GR	
Lab		Wed	8:30-9:45	502		01/17-05/26	GR	

**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: Mathematics 2 (completed with a grade of "C" or higher).*



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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**A TI-84 or TI-83 calculator may be required for this course. Consult with the instructor before buying a calculator for this course.**

Day	30391	Tue	8:00-9:50	2414	PETERSON	01/17-05/26	GR	V01
		Th	8:00-8:50	2414		01/17-05/26	GR	
Lab		Th	9:00-10:15	2414		01/17-05/26	GR	

**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 XX may not receive credit.

*Prerequisite: Mathematics 1 and CS 1 completed with a grade of "C" or higher (may be taken concurrently).*

**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	30873	Tue	2:00-4:25	1814	SINGH	01/17-05/26	GR	093
		Th	2:00-3:25	1814		01/17-05/26	GR	
Lab		Th	3:30-4:25	1814		01/17-05/26	GR	

**MATH 20 PRE-CALCULUS MATHEMATICS 5.0 Units**

Rational and polynomial functions with emphasis on logical development and graphing. Solution of polynomial equations and inequalities, graphing conic sections, mathematical induction, binomial theorem; strengthening of skills in working with exponential, logarithmic, and trigonometric functions, equations, graphs, and applications.

*Prerequisites: Mathematics 38 (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.*

**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.**

**There is a required TBA (to be arranged) lab hour attached to some sections of this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Building 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.**

Day	30070	MWF	8:00-9:25	503	MAJUMDAR	01/17-05/26	GR	V01
Lab		By Arr	1.0 Hrs/Wk	600		01/17-05/26	GR	
Day	32418	TTh	11:30-1:45	503	OWENS	01/17-05/26	OP	V02
Lab		By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32024	MW	1:00-3:50	503	WOODS	01/17-05/26	OP	VTI
		Fri	1:00-2:50	503		01/17-05/26	OP	
Lab		Fri	3:00-3:50	607		01/17-05/26	OP	

engineering tech note?

Eve	30208	MW	5:00-7:15	1874	KUTIL	01/17-05/26	GR	093
Lab		By Arr	1.0 Hrs/Wk	600		01/17-05/26	GR	

**MATH 33 FINITE MATHEMATICS 4.0 Units**

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

**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.**

**There is a required TBA (to be arranged) lab hour attached to some sections of this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Building 601 (Integrated Learning Center) week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.**

Eve	30071	TTh	5:00-6:50	1874	STAFF	01/17-05/26	GR	093
Lab		By Arr	1.0 Hrs/Wk	600		01/17-05/26	GR	

**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: Mathematics 55 or 55B or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics Assessment process.*

**A TI-84 or TI-83 calculator may be required for this course. Consult with the instructor or bookstore before registering for this course.**

**There is a required TBA (to be arranged) lab hour attached to some sections of this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Building 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.**

Day	30072	MWF	9:30-10:55	1874	PETERSON	01/17-05/26	GR	V01
Lab		By Arr	1.0 Hrs/Wk	600		01/17-05/26	GR	
Day	31652	TTh	2:00-4:15	1873	STAFF	01/17-05/26	GR	V02
Lab		By Arr	1.0 Hrs/Wk	600		01/17-05/26	GR	
Eve	31932	MW	7:30-9:45	1874	STAFF	01/17-05/26	GR	093
Lab		By Arr	1.0 Hrs/Wk	600		01/17-05/26	GR	

**MATH 38 TRIGONOMETRY WITH GEOMETRY 5.0 Units**

Plane trigonometry with topics from plane geometry. Geometry includes properties of polygons, parallel and perpendicular lines, congruence and similarity, area, volumes and surface area. Trigonometry includes definitions of the trigonometric functions, graphs of the trigonometric functions, trigonometric equations and inverse trigonometric functions, identities, polar coordinates and complex numbers. Applications involving right triangles, law of sines and law of cosines.

*Prerequisite: Mathematics 55 or 55B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process. May not receive credit if Mathematics 36 or 36Y have been completed.*

Day	32023	MW	1:00-3:50	503	WOODS	01/17-05/26	OP	VTI
		Fri	1:00-2:50	503		01/17-05/26	OP	
Lab		Fri	3:00-3:50	607		01/17-05/26	OP	

**MATH 38-VTI is offered specifically for students in the Engineering Technology cohort. This course is only open to students who are part of the Engineering Technology cohort.**

**MATH 39 TRIGONOMETRY 4.0 Units**

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.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<p><b>A TI-84 or TI-83 calculator may be required for this course. Consult with the instructor or bookstore before registering for this course.</b></p> <p>There is a required TBA (to be arranged) lab hour attached to this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Building 600 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.</p>																	
Day	32926	MWF	9:30-10:40	503	STAFF	01/17-05/26	OP	V01	Day	31936	Tue	10:30-12:45	2414	SINGH	01/17-05/26	GR	V04
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP				Th	10:30-11:45	2414		01/17-05/26	GR	
										Lab	Th	12:00-12:50	2414		01/17-05/26	GR	
Day	32929	TTh	8:00-9:50	1874	STAFF	01/17-05/26	OP	V02	Day	31937	Tue	2:30-4:45	2414	YOUNG	01/17-05/26	GR	V05
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP				Th	2:30-3:45	2414		01/17-05/26	GR	
										Lab	Th	4:00-4:50	2414		01/17-05/26	GR	
Day	32928	MW	11:00-12:50	1874	STAFF	01/17-05/26	OP	V03	Day	31938	MW	2:00-3:15	2416	STAFF	01/17-05/26	GR	V06
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP				Fri	1:30-2:20	2416		01/17-05/26	GR	
										Lab	Fri	2:30-3:20	2416		01/17-05/26	GR	
Day	32927	TTh	11:00-12:50	1874	MAJUMDAR	01/17-05/26	OP	V04	Day	31939	MW	9:30-10:45	2416	STAFF	01/17-05/26	GR	V07
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP				Fri	10:00-10:50	2416		01/17-05/26	GR	
										Lab	Fri	11:00-11:50	2416		01/17-05/26	GR	
Eve	32930	TTh	5:00-6:50	503	KUTIL	01/17-05/26	OP	093	Day	31940	MW	1:00-2:15	2414	SINGH	01/17-05/26	GR	V08
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP				Tue	1:00-1:50	2414		01/17-05/26	GR	
Eve	32931	MW	7:30-9:20	503	STAFF	01/17-05/26	OP	094			Lab	Th	1:00-1:50	2414		01/17-05/26	GR
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP		Day	31941	Mon	2:30-4:45	2414	STAFF	01/17-05/26	GR	V09
											Wed	2:30-3:45	2414		01/17-05/26	GR	
										Lab	Wed	4:00-4:50	2414		01/17-05/26	GR	
									Day	32469	MW	8:00-9:15	2416	STAFF	01/17-05/26	OP	V10
											Fri	8:00-8:50	2416		01/17-05/26	OP	
										Lab	Fri	9:00-9:50	2416		01/17-05/26	OP	
									Eve	31942	Mon	5:00-7:15	2414	STAFF	01/17-05/26	GR	093
											Wed	5:00-6:15	2414		01/17-05/26	GR	
										Lab	Wed	6:20-7:10	2414		01/17-05/26	GR	
									Eve	31943	Tue	5:00-7:15	2414	STAFF	01/17-05/26	GR	094
											Th	5:00-6:15	2414		01/17-05/26	GR	
										Lab	Th	6:20-7:10	2414		01/17-05/26	GR	
									Eve	31944	Tue	7:30-9:45	2414	STAFF	01/17-05/26	GR	095
											Th	7:30-8:45	2414		01/17-05/26	GR	
										Lab	Th	8:50-9:40	2414		01/17-05/26	GR	
									Eve	31989	Mon	7:30-9:45	2414	STAFF	01/17-05/26	OP	096
											Wed	7:30-8:45	2414		01/17-05/26	OP	
										Lab	Wed	8:50-9:40	2414		01/17-05/26	OP	
									Web	31945	Mon	1:00-2:50	607	STAFF	01/17-05/26	GR	HD2
															01/17-05/26	GR	

**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 55B or Math 55 with a minimum grade of C or higher.

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 before buying a calculator for this course.

Day	31988	Wed	1:00-2:50	607	STAFF	01/17-05/26	OP	HDI
						01/17-05/26	OP	

Math 40-HDI is a hybrid course. All class meetings will be online, except on the following dates when students will meet on campus from 1:00-2:50pm in room 607 on the following Wednesdays: Jan. 18 (Orientation), Feb. 8 (EXAM 1), Mar. 8 (EXAM 2), Apr. 12 (EXAM 3), May 10 (EXAM 4) and May 25 (FINAL EXAM) from 11:30am-1:20pm. Students will be required to complete the remainder of the course online. Students must 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>.

Day	33038	TTh	12:30-1:45	285	STAFF	01/17-05/26	OP	HYI
						01/17-05/26	OP	

MATH 40-HYI is a hybrid course. This course will be offered at Chabot-Las Positas College District Office at: 7600 Dublin Blvd., 2nd Floor, Dublin, CA 94568 All class meetings will be online except on Tuesdays and Thursdays from 12:30-1:45 Pm in Room 285. 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>.

Day	31933	MW	8:00-9:15	2414	STAFF	01/17-05/26	GR	V01
		Fri	8:00-8:50	2414		01/17-05/26	GR	
		Lab	Fri	9:00-9:50	2414	01/17-05/26	GR	
Day	31934	MW	9:30-11:20	2414	STAFF	01/17-05/26	GR	V02
		Lab	Fri	10:00-10:50	2414	01/17-05/26	GR	
Day	31935	MW	11:30-12:45	2414	AUGUST	01/17-05/26	GR	V03
		Fri	11:30-12:20	2414		01/17-05/26	GR	
		Lab	Fri	12:30-1:20	2414	01/17-05/26	GR	

Math 40-HD2 is a hybrid course. Students will meet on campus every Monday, 1:00-2:50pm. Students will be required to complete the remainder of the course online. Students must 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>.

**MATH 45 COLLEGE ALGEBRA 3.0 Units**

Polynomial, rational, exponential, and logarithmic functions; theory of equations; matrices; translation of functions; sequences, series and the binomial theorem.

Prerequisite: Math 55 or Math 55B or 55Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics placement process.

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.

There is a required TBA (to be arranged) lab hour attached to this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Building 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.

Day	30198	TTh	12:30-1:45	1816	STAFF	01/17-05/26	GR	V01
		Lab	By Arr	1.0 Hrs/Wk	600	01/17-05/26	GR	

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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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 growth, and graph theory.

*Prerequisite: Mathematics 50, 55, 55Y, 55B or equivalent (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the mathematics assessment process.*

**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 Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.**

Day	32420	TTh	10:00-11:15	503	STAFF	01/17-05/26	OP	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32470	MW	2:00-3:15	2205	STAFF	01/17-05/26	OP	V02
	Lab	By Arr	3.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32932	TTh	2:00-3:15	2205	STAFF	01/17-05/26	OP	V03
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	

**MATH 50 CORE INTERMEDIATE ALGEBRA 4.0 Units**

Core concepts of intermediate algebra are explored within 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, behavior of functions, operations with functions (including composition) and, one-to-one and invertible functions. Types of functions considered: linear, absolute value, 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.

**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.**

**There is a required TBA (to be arranged) lab hour attached to this course. Students must complete their TBA lab hour requirement by logging one hour in working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.**

Day	32934	TTh	8:00-9:50	503	STAFF	01/17-05/26	OP	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32933	MW	2:30-4:20	1873	STAFF	01/17-05/26	OP	V02
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32936	TTh	1:30-3:20	102	STAFF	01/17-05/26	OP	V03
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32935	TTh	3:00-4:50	1871	HENSON	01/17-05/26	OP	V04
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Eve	32937	MW	5:00-6:50	101	HENSON	01/17-05/26	OP	093
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	

**MATH 55 INTERMEDIATE ALGEBRA 5.0 Units**

Intermediate algebra concepts, including: An introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; systems of linear equations in three variables and matrix solutions; 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 non-linear equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout.

*Prerequisite: Math 65 or 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process. May not receive credit if Mathematics 55B has been completed.*

**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.**

**There is a required TBA (to be arranged) lab hour attached to this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Building 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.**

Day	30161	MWF	8:00-9:25	101	STAFF	01/17-05/26	OP	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	30566	MWF	9:30-10:55	101	DAUBENMIRE	01/17-05/26	OP	V02
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	30275	MWF	11:00-12:25	101	POWERS	01/17-05/26	OP	V03
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	30586	MWF	12:30-1:55	101	POWERS	01/17-05/26	OP	V04
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	31504	MWF	2:00-3:25	101	STAFF	01/17-05/26	OP	V05
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	30325	TTh	8:00-10:15	101	TAYLOR	01/17-05/26	OP	V07
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	30392	TTh	11:00-1:15	101	TAYLOR	01/17-05/26	OP	V08
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	30728	TTh	1:30-3:45	101	STAFF	01/17-05/26	OP	V09
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32421	TTh	2:00-4:15	503	STAFF	01/17-05/26	OP	V12
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32471	MWF	9:30-10:55	1871	STAFF	01/17-05/26	OP	V13
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Day	32587	MW	3:30-5:45	104	STAFF	01/17-05/26	OP	V14
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Eve	30162	TTh	5:00-7:15	101	OWENS	01/17-05/26	OP	094
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Eve	30531	TTh	7:30-9:45	101	STAFF	01/17-05/26	OP	095
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Eve	31651	MW	7:30-9:45	101	STAFF	01/17-05/26	OP	096
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	
Web	30995	Wed	1:00-2:50	607	AUGUST	01/17-05/26	OP	HDI
			ONLINE/HYBRID			01/17-05/26	OP	

**MATH 55-HDI is a hybrid course. All class meetings will be online, except on the following Wednesdays from 1:00-2:50pm when students will meet on campus in room 607: Jan.18 (Orientation), Feb. 22 (EXAM 1), Mar. 29 (EXAM 2), Apr. 26 (EXAM 3), May and on May 25 (FINAL EXAM) from 1:30-3:20pm. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.**

**Web 30467 Tue 2:00-4:15 1874 BLUMENFELD 01/17-05/26 OP HD2**  
ONLINE/HYBRID 01/17-05/26 OP

**Math 55-HD2 is a hybrid course. Students will meet on campus every Tuesday from 2:00-4:15pm in room 1874. Students will be required to complete the remainder of the course online. For more information, see**

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**MATH 55A INTERMEDIATE ALGEBRA A** 2.5 Units

Concepts covered in the first half of Mathematics 55 Intermediate Algebra, 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; and complex numbers. Multiple representations, applications and modeling with functions are emphasized throughout.

*Prerequisite: Math 65 or 65B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process. May not receive credit if Mathematics 55 has been completed.*

**The following Math 55A sections are taught in the Math X Program:**  
 a self-paced, guided, independent learning program. Students registering for these sections are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.

Day	31967	Tue	11:00-1:15	607	HENSON	01/17-05/26	OP	X02
	Lab	Th	11:00-11:50	607		01/17-05/26	OP	
Day	32556	Mon	9:30-11:45	607	GRAHAM	01/17-05/26	OP	X05
	Lab	Wed	9:30-10:20	607		01/17-05/26	OP	
Day	32560	Lab Mon	12:00-12:50	607	GRAHAM	01/17-05/26	OP	X06

		Wed	10:30-12:45	607		01/17-05/26	OP	
Eve	31971	Mon	7:00-9:15	607	STAFF	01/17-05/26	OP	X94
	Lab	Wed	7:00-7:50	607		01/17-05/26	OP	

**MATH 55B INTERMEDIATE ALGEBRA B** 2.5 Units

Concepts covered in the second half of Mathematics 55 Intermediate Algebra, including: systems of linear equations in three variables and matrix solutions; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; systems on non-linear equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout.

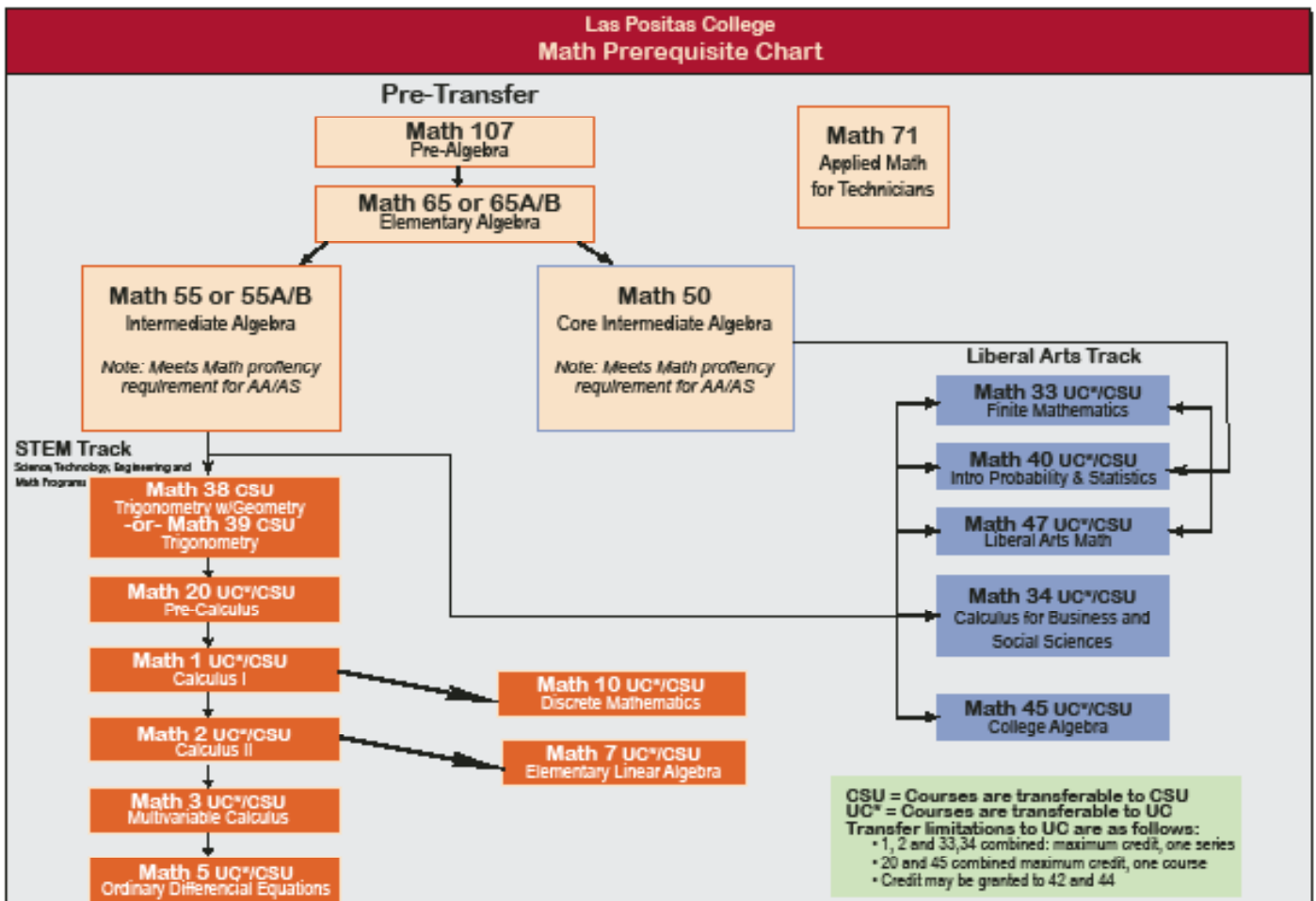
*Prerequisite: Math 55A (completed with a grade of "C" or higher). May not receive credit if Mathematics 55 has been completed.*

*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 Open Math Lab in Room 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.*

Day	32548	TTh	11:00-12:10	1816	STAFF	01/17-05/26	OP	V01
	Lab	By Arr	1.0 Hrs/Wk	600		01/17-05/26	OP	

Day	31968	Tue	11:00-1:15	607	HENSON	01/17-05/26	OP	X02
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D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
		Lab	Th	11:00-11:50	607												
Day	32557	Mon	9:30-11:45	607	GRAHAM	01/17-05/26	OP	X05									
		Lab	Wed	9:30-10:20	607												
Day	32561	Lab Mon	12:00-12:50	607	GRAHAM	01/17-05/26	OP	X06									
		Wed	10:30-12:45	607													
Eve	31972	Mon	7:00-9:15	607	STAFF	01/17-05/26	OP	X94									
		Lab	Wed	7:00-7:50	607												

**MATH 65 ELEMENTARY ALGEBRA 5.0 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, an introduction to rational expressions and modeling with linear and quadratic equations. May not receive credit if Mathematics 65B has been completed.

*Prerequisite: Mathematics 107 or 107B (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.*

*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.*

*There is a required TBA (to be arranged) lab hour attached to this course. Students must complete their TBA lab hour requirement by logging one hour in the Open Math Lab in Building 601 (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course. For hybrid/distance education sections, the TBA lab hour may be completed online or in the Open Math Lab in Building 601 (check with Instructor).*

Day	30466	MWF	8:00-9:25	102	STAFF	01/17-05/26	OP	V01									
		Lab	By Arr	1.0 Hrs/Wk	600												
Day	30073	MWF	9:30-10:55	102	STAFF	01/17-05/26	OP	V02									
		Lab	By Arr	1.0 Hrs/Wk	600												
Day	30074	MWF	11:00-12:25	102	STAFF	01/17-05/26	OP	V03									
		Lab	By Arr	1.0 Hrs/Wk	600												
Day	30205	MWF	12:30-1:55	102	STAFF	01/17-05/26	OP	V04									
		Lab	By Arr	1.0 Hrs/Wk	600												
Day	30264	MWF	2:00-3:25	102	STAFF	01/17-05/26	OP	V05									
		Lab	By Arr	1.0 Hrs/Wk	600												
Day	30299	TTh	11:00-1:15	102	STAFF	01/17-05/26	OP	V06									
		Lab	By Arr	1.0 Hrs/Wk	600												
Eve	30361	MW	5:00-7:15	102	STAFF	01/17-05/26	OP	093									
		Lab	By Arr	1.0 Hrs/Wk	600												
Eve	30764	TTh	5:00-7:15	102	POWERS	01/17-05/26	OP	094									
		Lab	By Arr	1.0 Hrs/Wk	600												
Eve	30127	TTh	7:30-9:45	102	STAFF	01/17-05/26	OP	095									
		Lab	By Arr	1.0 Hrs/Wk	600												
Eve	32588	MW	6:00-8:15	105	STAFF	01/17-05/26	OP	096									
		Lab	By Arr	1.0 Hrs/Wk	600												
Web	30329	Fri	12:00-2:15	1874	BLUMENFELD	01/17-05/26	OP	HDI									
			ONLINE/HYBRID			01/17-05/26	OP										

*MATH 65-HDI is a hybrid course. All class meetings will be online except on the following dates when students will meet on campus from 12:00pm-2:15pm in room 1874: Jan. 20, Feb. 24, Mar. 31, Apr. 28 and May 26 from 11:30am-1:20pm (FINAL EXAM). For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

Web	30535	Th	1:00-3:15	1874	BLUMENFELD	01/17-05/26	OP	HD2									
			ONLINE/HYBRID			01/17-05/26	OP										

*MATH 65-HD2 is a hybrid course. Students will meet on campus Thursdays from 1:00-3:15pm in room 1874. 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>.*

**MATH 65A ELEMENTARY ALGEBRA A 2.5 Units**

Concepts covered in the first half of Math 65 Elementary Algebra, including: real numbers and their properties; algebraic expressions; linear equations; linear inequalities and set notation; graphs of linear equations and inequalities in two variables; slope; systems of linear equations and inequalities; and, an introduction to modeling with linear equations. This course is designed for those with no previous algebra background. May not receive credit if Mathematics 65 or 65X have been completed.

*Prerequisite: Mathematics 106 or 107 or 107Y (completed with a grade of "C" or higher) or an appropriate skill level demonstrated through the Mathematics assessment process.*

**The following Math 65A courses are taught in the Math X Program:**

*a self-paced, guided, independent learning program. Students registering for these sections are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.*

Day	31969	Tue	11:00-1:15	607	HENSON	01/17-05/26	OP	X02									
		Lab	Th	11:00-11:50	607												
Day	32558	Mon	9:30-11:45	607	GRAHAM	01/17-05/26	OP	X05									
		Lab	Wed	9:30-10:20	607												
Day	32562	Lab Mon	12:00-12:50	607	GRAHAM	01/17-05/26	OP	X06									
		Wed	10:30-12:45	607													
Eve	31973	Mon	7:00-9:15	607	STAFF	01/17-05/26	OP	X94									
		Lab	Wed	7:00-7:50	607												

**MATH 65B ELEMENTARY ALGEBRA B 2.5 Units**

Concepts covered in the second half of Mathematics 65 Elementary Algebra, including: integer exponents; operations with polynomial expressions; factoring techniques; quadratic equations and modeling with quadratic equations; and an introduction to rational expressions. May not receive credit if Mathematics 65 or 65Y have been completed.

*Prerequisite: Mathematics 65A or 65X (completed with a grade of "C" or higher).*

*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 Open Math Lab (Integrated Learning Center) each week and working on TBA lab hour assignments. Students must log at least one lab hour PRIOR to the census date (check the academic calendar for the census date), or the student will be dropped from the course.*

Day	32549	TTh	5:00-6:10	607	STAFF	01/17-05/26	OP	V01									
		Lab	By Arr	1.0 Hrs/Wk	607												

**The following MATH 65B sections are taught in the Math X Program:**

*a self-paced, guided, independent learning program. Students registering for these sections are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.*

Day	31970	Tue	11:00-1:15	607	HENSON	01/17-05/26	OP	X02									
		Lab	Th	11:00-11:50	607												
Day	32559	Mon	9:30-11:45	607	GRAHAM	01/17-05/26	OP	X05									
		Lab	Wed	9:30-10:20	607												

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	
Day	32563	Lab Mon	12:00-12:50	607	GRAHAM	01/17-05/26	OP	X06										
		Wed	10:30-12:45	607		01/17-05/26	OP											
Eve	31974	Mon	7:00-9:15	607	STAFF	01/17-05/26	OP	X94										
		Lab Wed	7:00-7:50	607		01/17-05/26	OP											

*childhood profession and its teachers.*

*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.*

**MATH 71A APPLIED MATH FOR TECHNICIANS A 1.5 Units**

This course provides a survey of mathematical techniques used in the technical trades including: Arithmetic, both by-hand and with calculator; ratios, rates and proportions; metric and U.S. systems of measurement. There is an emphasis on practical applications related to a variety of technical fields throughout.

**The following MATH 71A sections are taught in the Math X Program:**

*a self-paced, guided, independent learning program. Students registering for these sections are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.*

Day	31977	Tue	9:30-10:45	607	STAFF	01/17-05/26	OP	X01
Day	31981	Tue	2:00-3:15	607	STAFF	01/17-05/26	OP	X03
Day	32060	Tue	3:30-4:45	607	STAFF	01/17-05/26	OP	X04
Eve	31985	Mon	5:30-6:45	607	STAFF	01/17-05/26	OP	X93

**MATH 107A PRE-ALGEBRA A 2.0 Units**

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of concepts covered in the first half of Mathematics 107 Pre-Algebra, including: review of arithmetic, operations involving signed integers, fractions, variables and variable expressions, and simple linear equations.

**The following MATH 107A sections are taught in the Math X Program:**

*a self-paced, guided, independent learning program. Students registering for these sections are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.*

Day	31975	Tue	9:30-10:45	607	STAFF	01/17-05/26	OP	X01
		Lab Th	9:30-10:45	607		01/17-05/26	OP	
Day	31979	Tue	2:00-3:15	607	STAFF	01/17-05/26	OP	X03
		Lab Th	2:00-3:15	607		01/17-05/26	OP	
Day	32062	Tue	3:30-4:45	607	STAFF	01/17-05/26	OP	X04
		Lab Th	3:30-4:45	607		01/17-05/26	OP	
Eve	31983	Mon	5:30-6:45	607	STAFF	01/17-05/26	OP	X93
		Lab Wed	5:30-6:45	607		01/17-05/26	OP	

**MATH 71B APPLIED MATH FOR TECHS B 1.5 Units**

This course provides a survey of mathematical techniques used in the technical trades including: an introduction to linear equations; scientific notation; plane and solid geometry; and, triangle trigonometry. There is an emphasis on practical applications related to a variety of technical fields throughout. May not receive credit if Mathematics 71 or 71Y or INDT 74 have been completed.

*Prerequisite: Mathematics 71A or 71X (completed with a grade of "C" or higher).*

**The following MATH 71B sections are taught in the Math X Program:**

*a self-paced, guided, independent learning program. Students registering for these sections are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.*

Day	31978	Tue	9:30-10:45	607	STAFF	01/17-05/26	OP	X01
Day	31982	Tue	2:00-3:15	607	STAFF	01/17-05/26	OP	X03
Day	32061	Tue	3:30-4:45	607	STAFF	01/17-05/26	OP	X04
Eve	31986	Mon	5:30-6:45	607	STAFF	01/17-05/26	OP	X93

**MATH 107B PRE-ALGEBRA B 2.0 Units**

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of concepts covered in the second half of Mathematics 107 Pre-Algebra, including: decimals, graphs of simple linear equations, percent and proportion, introduction to statistics, geometry and measurement, and application problems. May not receive credit if Mathematics 107 or 107Y has been completed.

*Prerequisite: Mathematics 107A or 107X (completed with a grade of "C" or higher).*

**The following MATH 107B sections are taught in the Math X Program:**

*a self-paced, guided, independent learning program. Students registering for these sections are required to purchase and use the internet-based software MyMathLab, which contains an online version of the text. A hard copy of the text is suggested but not required. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/math/index.php>.*

Day	31976	Tue	9:30-10:45	607	STAFF	01/17-05/26	OP	X01
		Lab Th	9:30-10:45	607		01/17-05/26	OP	
Day	31980	Tue	2:00-3:15	607	STAFF	01/17-05/26	OP	X03
		Lab Th	2:00-3:15	607		01/17-05/26	OP	
Day	32063	Tue	3:30-4:45	607	STAFF	01/17-05/26	OP	X04
		Lab Th	3:30-4:45	607		01/17-05/26	OP	
Eve	31984	Mon	5:30-6:45	607	STAFF	01/17-05/26	OP	X93
		Lab Wed	5:30-6:45	607		01/17-05/26	OP	

**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. 3 hours lecture, 3 hours laboratory.

*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	30813	TTh	12:30-1:45	505	STAFF	01/17-05/26	OP	V01
		Lab TTh	2:00-3:15	505		01/17-05/26	OP	
Day	32589	MW	8:00-9:15	507	STAFF	01/17-05/26	OP	V02
		Lab MW	9:30-10:45	507		01/17-05/26	OP	
Eve	30814	TTh	7:00-8:15	505	BELAK	01/17-05/26	OP	093
		Lab TTh	8:25-9:40	505		01/17-05/26	OP	

*This course is specifically designed for Early Childhood Development majors. The content of this course will be contextualized to the early*

**MUSIC**

**MUS I 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.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Day	30423	TTh	9:30-10:45	4130	BREKKE	01/17-05/26	OP	V01
Day	31222	TTh	11:00-12:15	4138	BREKKE	01/17-05/26	OP	V02
Day	32116	MW	9:30-10:45	4130	ZIMMERMAN	01/17-05/26	OP	V03

**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	30573	TTh	12:30-1:45	4138	DEVINE	01/17-05/26	OP	V01
Day	32357	MW	11:00-12:15	4138	BROWNE ROSE	01/17-05/26	OP	V02
Day	32516	TTh	2:00-3:15	4138	DEVINE	01/17-05/26	OP	V03
Eve	33052	Wed	6:00-8:50	*	DEVINE	01/17-05/26	OP	093

\*MUS 4-093 will meet offsite at Village High School in Room TBA. Village High School Address: 4645 Bernal Ave. Pleasanton, CA 94566

**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.

For another American Cultures option, see Music 4

Day	30690	TTh	9:30-10:45	4138	STAFF	01/17-05/26	OP	V01
Eve	30407	Tue	7:00-9:50	4213	ZIMMERMAN	01/17-05/26	OP	093
Eve	31301	Mon	7:00-9:50	4213	ZIMMERMAN	01/17-05/26	OP	094
Web	30578	ONLINE			STAFF	01/17-05/26	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	33053	ONLINE			CEFALO	01/17-05/26	OP	DE2
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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>.

**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.

Eve	30414	MW	12:30-1:20	4138	BROWNE ROSE	01/17-05/26	OP	093
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**MUS 8B HARMONY & MUSICIANSHIP II 4.0 Units**

Continues diatonic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present, continues solfeggio, chord recognition, melodic and rhythmic dictation, diatonic four-part voice leading, and figured bass realization. Introduces harmonic dictation, cadential elaboration, non-dominant seventh chord tonicization/modulation to the dominant.

Prerequisite: Music 8A (completed with a grade of "C" or higher).

Day	30415	MWF	9:30-10:20	4138	BROWNE ROSE	01/17-05/26	OP	V01
Lab		TTh	9:30-10:20	4226		01/17-05/26	OP	

**MUS 10B POST ROMANTIC/20TH CEN HARMONY 4.0 Units**

This course incorporates the concepts from Music 10A. In addition, through writing and analysis, the course will include: post-Romantic techniques such as borrowed chords and modal mixture, chromatic mediant, Neapolitan and augmented-sixth chords, 9th, 11th and 13th chords, altered chords and dominants; and 20th century techniques such as: Impressionism, tone rows, set theory, pandiatonicism and polytonalism, meter and rhythm.

This course also applies and develops the rhythmic, melodic, and harmonic materials of Mus 10A through ear training, sight singing, analysis, and dictation.

Prerequisite: Music 10A (completed with a grade of "C" or higher).

Day	30416	MWF	10:30-11:20	4226	MARSCHAK	01/17-05/26	OP	V01
Lab		TTh	10:30-11:20	4226		01/17-05/26	OP	

**MUS 14 JAZZ ENSEMBLE 1.0 Units**

Reading, preparation and performance of contemporary Jazz music. Opportunity to apply improvisation techniques in a group setting.

Eve	30417	Lab Mon	6:00-8:50	4138	BROWNE ROSE	01/17-05/26	OP	093
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**MUS 15 JAZZ BAND 1.0 Units**

Reading, preparation and performance of contemporary Jazz music, arranged for Jazz band. Opportunity to arrange and compose for the band as well as to conduct. Opportunity to apply improvisation techniques in a group setting.

Eve	30418	Lab Mon	6:00-8:50	4138	BROWNE ROSE	01/17-05/26	OP	093
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**MUS 16 COLLEGE 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	30572	Lab Wed	6:00-8:50	4138	BROWNE ROSE	01/17-05/26	OP	093
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**MUS 17A JAZZ COMBO I 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.

Eve	32918	Lab Th	6:00-8:50	4138	MARSCHAK	01/17-05/26	OP	093
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**MUS 17B JAZZ COMBO 2 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. Levels 1 and 2.

Eve	32919	Lab Th	6:00-8:50	4138	MARSCHAK	01/17-05/26	OP	093
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**MUS 18A JAZZ/POP PIANO I 1.0 Units**

Voicings, chords, and guidelines for interpretation of lead sheets in a variety of genres for the contemporary pianist. Emphasis on improvisation, accompaniment, bass lines, grooves, and reharmonization.

Prerequisite: Strongly Recommended: MUS 21A with a minimum grade of C.

Day	32920	Lab Mon	12:30-4:45	4226	MARSCHAK	01/17-05/26	OP	V01
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**MUS 18B JAZZ/POP PIANO 2 1.0 Units**

Building on the content offered in Music 18A, this course offers more advanced voicings, chords, and guidelines for interpretation of lead sheets in a variety of genres for the contemporary pianist. The student learns chords and chord progressions used in jazz and popular music styles as applied to the keyboard, focusing on chromatic seventh chords and sequences, chord extensions and advanced rhythmic concepts.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Day 32921 Lab Mon 12:30-4:45 4226 MARSCHAK 01/17-05/26 OP V01

**MUS 20 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: Music 6.*

Day 30412 Lab TTh 11:00-12:15 4130 ACHEN 01/17-05/26 OP V01

**MUS 21A BEGINNING PIANO 1.0 Units**

Group instruction in piano with emphasis on developing technique, reading music, and performing.

*Strongly recommended: Music 6.*

Day 30403 Lab TTh 11:30-12:45 4226 MARSCHAK 01/17-05/26 OP V01

**MUS 21B BEGINNING PIANO: INTERMEDIATE 1.0 Units**

Development of skills learned in Music 21A. Emphasis on further development of technique and performance.

*Prerequisite: Music 21A (completed with a grade of "C" or higher).*

Day 30404 Lab Wed 2:30-4:45 4226 MARSCHAK 01/17-05/26 OP V01

**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: Music 6.*

Day 30419 Lab MW 11:00-12:15 4130 BREKKE 01/17-05/26 OP V01

**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: Music 23A (completed with a grade of "C" or higher).*

Day 30420 Lab MW 11:00-12:15 4130 BREKKE 01/17-05/26 OP V01

**MUS 27 TEACHING INTERMEDIATE PIANO 2.0 Units**

Principles of successful piano teaching with emphasis upon continued development of technique and reading ability in intermediate level students; private and group piano teaching methods; selection of intermediate literature; Baroque, Classical, Romantic and 20th Century styles; studio organization and personal development as teacher and musician. Observation of piano lessons or classes and supervised practice teaching of private or class piano students may be required.

*Strongly recommended: Music 21B.*

Day 32922 Wed 11:30-1:20 4226 CEFALO 01/17-05/26 OP V01

**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: Music 21B.*

Day 32923 Lab Wed 2:30-4:45 4226 MARSCHAK 01/17-05/26 OP V01

**MUS 30 STUDY OF GUITAR 1.0 Units**

Development of skills and knowledge from Music 20. Emphasis on playing techniques and performance. Designed for the intermediate and advanced performer.

*Prerequisite: Music 20 or equivalent (completed with a grade of "C" or higher).*

Day 30413 Lab TTh 11:00-12:15 4130 ACHEN 01/17-05/26 OP V01

**MUS 31 STUDY OF PIANO 1.0 Units**

Development of functional piano skills. Designed for knowledge

and skill of intermediate or advanced level.

*Prerequisite: Music 21B (completed with a grade of "C" or higher).*

Day 30405 Lab Wed 2:30-4:45 4226 MARSCHAK 01/17-05/26 OP V01

**MUS 33 STUDY OF VOICE 1.0 Units**

Individual improvement of the technical facility, tone quality, and range of the singing voice in solo performances; designed to extend knowledge of the literature in general and help acquire a basic repertory. Required for voice majors.

*Prerequisite: Music 23B (completed with a grade of "C" or higher) or equivalent.*

Day 30421 Lab MW 11:00-12:15 4130 BREKKE 01/17-05/26 OP V01

**MUS 38 INDIVIDUAL STUDY 1.0 Units**

Individualized study of the appropriate techniques and repertoire for a specific instrument or voice. Students meet individually with a private teacher for a total of 6 hours per semester, practice in department practice rooms for at least 1 hour per week during posted supervised practice hours, and meet once a week to perform for each other. Initial placement, mid-term and final recital/jury performance will be administered and evaluated by the Las Positas College Music Department faculty.

Day 30406 Lab Fri 12:00-2:50 4138 MARSCHAK 01/17-05/26 OP V01

*Music 38 requires enrollment with a private music instructor.*

**MUS 42 VOCAL REPERTOIRE 1.0 Units**

Vocal repertoire with emphasis on solo performance. Includes vocal solo literature of the Baroque, Classical, Romantic, and Contemporary periods in French, German, English, Italian, and Spanish.

*Prerequisite: Music 23B or Music 33 (may be taken concurrently).*

Day 30422 Lab MW 11:00-12:15 4130 BREKKE 01/17-05/26 OP V01

**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.

Eve 32924 Lab Tue 7:00-9:50 4130 STAFF 01/17-05/26 OP 093

**MUS 45 CHAMBER CHOIR 1.0 Units**

Development of vocal and musical ability to interpret and perform the highest caliber of choral literature. Designed for singers with advanced choral ensemble experience.

*Enrollment by audition only.*

Day 32117 Lab TTh 1:00-4:15 4130 BREKKE 01/17-05/26 OP V01

**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: Music 6 (Basic Music Skills).*

*Enrollment by audition only.*

Eve 30424 Lab MW 1:00-2:15 4130 BREKKE 01/17-05/26 OP 093

**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: Music 46A (Beginning Jazz Choir).*

*Enrollment by audition only.*

Eve 30425 Lab MW 1:00-2:15 4130 BREKKE 01/17-05/26 OP 093

## NUTRITION

**NUTR 1 THE SCIENCE OF NUTRITION 3.0 Units**

The science of nutrition including the nutrients, their functions,



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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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. S  
*strongly Recommended: Chemistry 30A and Math 65.*

Day	30343	MW	11:00-12:15	801	POLOKOFF	01/17-05/26	OP	V01
Day	30475	MW	12:30-1:45	105	VERNOGA	01/17-05/26	OP	V02
Day	31591	TTh	2:00-3:15	105	VERNOGA	01/17-05/26	OP	V03
Day	32048	TTh	12:30-1:45	PE209	VERNOGA	01/17-05/26	OP	V04
Day	33039	MW	2:00-3:15	1826	VERNOGA	01/17-05/26	OP	V05
Day	32821	TTh	9:30-10:45	104	FRIED	01/17-05/26	OP	V06
Eve	31592	Tue	6:00-8:50	PE212	POLOKOFF	01/17-05/26	OP	093

Web 32049 ONLINE STAFF 01/17-05/26 OP 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 32967 ONLINE VERNOGA 01/17-05/26 OP DE2  
**NUTR 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>.

## OCCUPATIONAL SAFETY AND HEALTH

### OSH 67 COMP REGULATORY REQUIREMENTS 3.0 Units

An in depth review of State and Federal Occupational Safety and Health requirements, environmental life safety, Workers' Compensation laws, and other regulations as they relate to occupational safety and health. Includes human factors in accident causation, behavioral stereotypes, and key elements of a comprehensive health and safety program.

Eve	32966	Tue	7:00-9:50	1816	STAFF	01/17-05/26	OP	093
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## PHILOSOPHY

### 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 existing in nature, and as creators of works of the arts and of the spirit. Analysis of primary philosophical documents that concentrate on these broad areas of human concerns. Introduction to Philosophy by the Philosophers' own works, their methods of procedure and inquiry.

Eve	30456	Mon	7:00-9:50	2460	BODNAR	01/17-05/26	GR	093
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**PHIL 1-093 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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.

Web 30410 ONLINE FAIRWEATHER 01/17-05/26 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 32573 ONLINE FAIRWEATHER 01/17-05/26 OP DE2  
**PHIL 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>.

### 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.

Day	30158	MW	8:00-9:15	4213	BODNAR	01/17-05/26	GR	V01
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**PHIL 2-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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.

Eve	32535	Wed	7:00-9:50	2490	HERGERT	01/17-05/26	OP	096
Web	30539	ONLINE			BODNAR	01/17-05/26	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>.

### PHIL 3 AESTHETICS 3.0 Units

An introduction to the philosophical analysis of art. Topics include the nature of art and beauty, the value of art, and philosophical methods of evaluating, critiquing, and drawing meaning from artistic works.

Day	30856	TTh	11:00-12:15	PE212	BODNAR	01/17-05/26	OP	V01
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### PHIL 5 FEMINIST PHILOSOPHY 3.0 Units

Introduction to feminist philosophical perspectives on such issues as gender, art, sexuality, knowledge, power, identity popular culture, religion, ethics, and war. Emphasis placed on critical analysis as well as application to contemporary problems facing women today.

Day	30872	TTh	9:30-10:45	PE209	BODNAR	01/17-05/26	OP	V01
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## PHOTOGRAPHY

### PHTO 50 INTRODUCTION TO PHOTOGRAPHY 3.0 Units

Introduction to the history and development of photography, basic process, various types of cameras, materials, basic shooting, processing developing, and printing of photographs.

*Students enrolled in PHTO 50 will be assessed a \$20 materials fee at registration.*

Day	31038	Mon	9:00-10:50	703	HORVATH	01/17-05/26	OP	V01
		Lab	Mon	11:00-11:50	703			01/17-05/26 OP
		Lab	Wed	9:00-11:50	703			01/17-05/26 OP
Day	31677	Tue	9:00-10:50	703	HORVATH	01/17-05/26	OP	V02
		Lab	Tue	11:00-11:50	703			01/17-05/26 OP
		Lab	Th	9:00-11:50	703			01/17-05/26 OP

### PHTO 56 INTRO TO DIGITAL PHOTOGRAPHY 1.5 Units

Basics for the beginner's use of digital cameras, film and flatbed scanners; 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.

*Students enrolled in PHTO 56 will be assessed a \$20 materials fee at registration.*

Day	31039	Tue	6:00-6:50	713	STAFF	01/17-05/26	OP	V01
		Lab	Tue	7:00-8:50	713			01/17-05/26 OP
Eve	31040	Th	6:00-6:50	713	STAFF	01/17-05/26	OP	094
		Lab	Th	7:00-8:50	713			01/17-05/26 OP

### PHTO 57 INTERMEDIATE DIGITAL PHOTO 1.5 Units

Digital photography: intermediate and advanced digital image capture assignments, camera use and digital manipulation using software such as Adobe Photoshop. Preparation of image files for display printing and use on the Web.

*Strongly recommended: Photography 56 or camera/photography and Macintosh computer experience.*

*Students enrolled in PHTO 57 will be assessed a \$20 materials fee at registration.*

Day	31041	Fri	2:00-2:50	713	STAFF	01/17-05/26	OP	V01
		Lab	Fri	3:00-4:50	713			01/17-05/26 OP

### PHTO 58 INTRODUCTION TO VIDEOGRAPHY 2.0 Units

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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Introduction to the theory and practice of video production and desktop video editing: project production phases, time-based visual and sound design, digitizing footage, video output issues, working creatively in a collaborative environment, industry standards. Macintosh computer platform.

*Students enrolled in PHTO 58 will be assessed a \$20 materials fee at registration.*

Day	31060	Fri	9:00-9:50	713	STAFF	01/17-05/26	OP	V01
Lab		Fri	10:00-11:55	713		01/17-05/26	OP	
Lab		Fri	12:00-1:50	713		01/17-05/26	OP	

**PHTO 64A ARTIFICIAL LIGHT PHOTOGRAPHY 3.0 Units**

Photography using light sources selected and manipulated by the photographer. Use of light sources in a controlled situation to achieve technically accurate renditions of subject matter and to make successful visual statements. Lighting techniques for product, still life and portrait photography.

*Prerequisite: Photography 50 or Photography 56 (completed with a grade of "C" or higher).*

*Students enrolled in PHTO 64A will be assessed a \$20 materials fee at registration.*

Sat	31042	Sat	9:00-10:50	713	STAFF	01/17-05/26	GR	V01
Lab		Sat	11:00-1:50	713		01/17-05/26	GR	

**PHTO 72 DOCUMENTARY PHOTOGRAPHY 3.0 Units**

This course deals with the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Covered are news and feature photography and photographic essays, including composition, impact, and creativity, for newspapers, magazines, the Internet, and other mass communications media. Understanding and applying photojournalistic and basic technical and visual skills in the making of successful reportage photographs. Consideration of the work of major 20th and 21st century photojournalists. Course is cross listed with PHTO 72. Student will receive credit for taking either MSCM 72 or PHTO 72.

*Strongly Recommended: PHTO 50 and/or PHTO 56, and/or VCOM 53.*

*Students enrolled in PHTO 72 will be assessed a \$20 materials fee at registration.*

Day	32434	Tue	2:00-3:50	713	HORVATH	01/17-05/26	OP	V01
Lab		Tue	4:00-4:50	713		01/17-05/26	OP	
Lab		Th	2:00-4:50	713		01/17-05/26	OP	

## PHYSICS

**PHYS 2B INTRODUCTION TO PHYSICS II 4.0 Units**

Electro-circuits, electromagnetic waves, optics and modern physics.

*Prerequisite: Physics 2A (completed with a grade of C or higher).*

Eve	30115	TTh	5:00-6:15	1826	STAFF	01/17-05/26	GR	093
Lab		Mon	4:30-7:20	1831		01/17-05/26	GR	

**PHYS 8A GENERAL PHYSICS 5.0 Units**

Introduction to the principles of Newtonian mechanics and analytical methods of physics using calculus as needed. Vectors, kinematics, dynamics, energy, momentum, rotation, gravitation and fluid mechanics.

*Prerequisite: Mathematics 1 (completed with a grade of "C" or higher).*

Day	30381	MW	9:30-11:20	1826	REHAGEN	01/17-05/26	OP	V01
Lab		Tue	1:30-4:20	1831		01/17-05/26	OP	
Eve	30382	MW	5:00-6:50	1826	STAFF	01/17-05/26	OP	093
Lab		Tue	4:30-7:20	1831		01/17-05/26	OP	
Eve	31962	MW	5:00-6:50	1826	STAFF	01/17-05/26	OP	094
Lab		Th	4:30-7:20	1831		01/17-05/26	OP	

**PHYS 8B GENERAL PHYSICS II 5.0 Units**

Introduction to electricity and magnetism, circuits, Maxwell's equations and electromagnetic waves.

*Prerequisite: Physics 8A (completed with a grade of "C" or higher) and Mathematics 3 (may be taken concurrently).*

Day	30383	TTh	11:30-1:20	1871	HARPELL	01/17-05/26	OP	V01
Lab		Wed	8:00-10:50	1831		01/17-05/26	OP	
Day	32065	TTh	11:30-1:20	1871	HARPELL	01/17-05/26	OP	V02
Lab		Th	1:30-4:20	1831		01/17-05/26	OP	

**PHYS 8C GENERAL PHYSICS III 5.0 Units**

Introduction to oscillations, mechanical waves, thermodynamics, light and optics.

*Prerequisites: Physics 8A and Mathematics 2 (both completed with a grade of "C" or higher). Strongly recommended: Physics 8B.*

Day	30384	TTh	11:30-1:20	1831	REHAGEN	01/17-05/26	OP	V01
Lab		Fri	8:30-11:20	1831		01/17-05/26	OP	
Day	32915	TTh	11:30-1:20	1831	REHAGEN	01/17-05/26	OP	V02
Lab		Fri	1:15-4:05	1831		01/17-05/26	OP	

**PHYS 8D GENERAL PHYSICS IV 3.0 Units**

Introduction to relativity and modern physics, including: introduction to quantum theory; atomic, molecular, nuclear and particle physics; condensed matter physics; astrophysics and cosmology.

*Prerequisite: Physics 8B (completed with a grade of "C" or higher).*

Day	30478	Wed	11:00-12:50	1831	HARPELL	01/17-05/26	OP	V01
Lab		Mon	9:30-12:30	1831		01/17-05/26	OP	

**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.

*Strongly recommended: Mathematics 105, 105M, or 107.*

Eve	31963	TTh	6:30-7:45	1826	STAFF	01/17-05/26	GR	093
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## POLITICAL SCIENCE

**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 English 1A.*

Day	30727	MW	9:00-10:50	2460	CLOWARD	01/17-05/26	OP	V01
Day	30104	MW	12:30-2:20	2460	CLOWARD	01/17-05/26	OP	V02
Day	30293	TTh	9:00-10:50	2480	STAFF	01/17-05/26	OP	V04
Day	31300	TTh	11:00-12:50	2460	BLAIR	01/17-05/26	OP	V05
Day	31482	TTh	1:00-2:50	2460	CLOWARD	01/17-05/26	OP	V06
Day	33024	TTh	2:00-3:50	2490	BLAIR	01/17-05/26	OP	V07
Eve	30302	TTh	5:00-6:50	2490	BLAIR	01/17-05/26	OP	093
Eve	33040	MW	5:00-6:50	2480	STAFF	01/17-05/26	OP	094

Web 30938 ONLINE GOUVEIA 01/17-05/26 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 33010 ONLINE HERTZ 01/17-05/26 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>.**

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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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 English 1A, and Political Science 1 or 7.*

Eve	31059	Wed	4:00-6:50	4213	SHUMAKER	01/17-05/26	OP	093
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**POLI 30 INTERNATIONAL RELATIONS 3.0 Units**  
 Introduction to international relations, politics, theories and institutions with an emphasis on contemporary practices.  
*Strongly recommended: Political Science 1 or 7 and eligibility for English 1A.*

Web 31483 ONLINE GOUVEIA 01/17-05/26 OP DE1  
**POLI 30-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>.**

## PSYCHOLOGY

**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 English 1A.*

Day 30693 MW 9:30-10:45 \* HIRASHIKI 01/17-05/26 OP V01  
*\*PSYC 1-V01 will be offered at Chabot-Las Positas College District Office 7600 Dublin Blvd., 2nd Floor, Dublin, CA 94568 in Room 285.*

Day	30290	MW	12:30-1:45	PE209	ROY	01/17-05/26	OP	V02
Day	30009	MW	2:00-3:15	2470	ONEAL	01/17-05/26	OP	V03
Day	30221	TTh	9:30-10:45	2420	TURNER-AUGU	01/17-05/26	OP	V04
Day	30852	TTh	11:00-12:15	2204	ROY	01/17-05/26	OP	V05
Day	30756	TTh	12:30-1:45	2205	ROY	01/17-05/26	OP	V06
Day	30184	TTh	2:00-3:15	2204	TURNER-AUGU	01/17-05/26	OP	V07
Day	32822	MW	11:00-12:15	2205	ONEAL	01/17-05/26	OP	V08
Day	33041	MW	3:30-4:45	2480	STAFF	01/17-05/26	OP	V09
Eve	30010	Th	7:00-9:50	2204	STAMATAKIS	01/17-05/26	OP	093
Eve	32181	Tue	7:00-9:50	2204	STAMATAKIS	01/17-05/26	OP	094

Web 30335 ONLINE RUYS 01/17-05/26 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.laspositacollege.edu/onlinelearning>.**

Web 30865 ONLINE RUYS 01/17-05/26 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.laspositacollege.edu/onlinelearning>.**

Web 30515 ONLINE ROY 01/17-05/26 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.laspositacollege.edu/onlinelearning>.**

Web 32579 ONLINE TURNER-AUGU 01/17-05/26 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.laspositacollege.edu/onlinelearning>.**

**PSYC 3 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: Psychology 1.*

Day 30500 TTh 12:30-1:45 2306 TURNER-AUGU 01/17-05/26 OP V01  
 Web 32422 ONLINE ROY 01/17-05/26 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.laspositacollege.edu/onlinelearning>.**

**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: Psychology 1.*

Day	30389	MW	11:00-12:15	2460	JONES	01/17-05/26	OP	V01
Day	30278	MW	12:30-1:45	2205	JONES	01/17-05/26	OP	V02
Day	30853	TTh	12:30-1:45	2480	JONES	01/17-05/26	OP	V03
Eve	30056	Mon	7:00-9:50	PE212	HIRASHIKI	01/17-05/26	OP	093
Web	30847	ONLINE			BUNDY	01/17-05/26	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.laspositacollege.edu/onlinelearning>.**

**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	30266	MW	11:00-12:15	105	TURNER-AUGU	01/17-05/26	OP	V01
Day	30502	TTh	9:30-10:45	2470	JONES	01/17-05/26	OP	V02
Day	32423	MW	3:30-4:45	2470	JONES	01/17-05/26	OP	V03
Web	32823	ONLINE			LIGNELL	01/17-05/26	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.laspositacollege.edu/onlinelearning>.**

**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	30501	TTh	9:30-10:45	106	LEVEQUE	01/17-05/26	OP	V01
Day	32580	TTh	12:30-1:45	2204	LEVEQUE	01/17-05/26	OP	V02

**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	30565	MW	12:30-1:45	2470	ONEAL	01/17-05/26	OP	V01
Eve	32424	Mon	6:00-8:50	*	LIGNELL	01/17-05/26	OP	093

*\*PSYC 12-093 will meet at Dublin High School in Room: Library  
 Dublin High School Address: 8151 Village Parkway, Dublin, CA 94568*

Web 32425 ONLINE RUYS 01/17-05/26 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>.**

Web 32824 ONLINE BUNDY 01/17-05/26 OP DE2  
**PSYC 12-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>.**

**PSYC 16 SELECTED TOPICS IN PSYCHOLOGY 3.0 Units**

Selected topics, issues and controversies in contemporary psychology. Study of behavior as a personal, social, and biological phenomenon. Examination of information and theory for practical application.

Day 32581 MW 11:00-12:15 2204 RUYS 01/17-05/26 OP V01

**An Introduction to Animal Behavior**

*This course will focus on studies in animal behavior in vertebrates and invertebrates, focusing on the mechanisms and evolution of animal behavior. Topics include neural, hormonal, and genetic bases of behavior; foraging; anti-predator defenses; mating systems and sexual selection; social behavior; communication; parental care; territoriality and habitat selection.*

**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) or MATH 44 with a minimum grade of C.*

Day 31912 TTh 9:00-10:15 805 RUYS 01/17-05/26 OP V01  
 Lab TTh 10:30-11:45 805 01/17-05/26 OP  
 Day 31913 TTh 12:30-1:45 805 RUYS 01/17-05/26 OP V02  
 Lab TTh 2:00-3:15 805 01/17-05/26 OP

## PSYCHOLOGY-COUNSELING

**PSCN 3 INTRO TO COUNSELING THEORY 3.0 Units**

Introduction to counseling theory and practice with emphasis on fundamental principles of counseling process including diagnostic methodologies, behavioral assessment, goal setting, multicultural sensitivity and need to understand client reality and to facilitate change. Focus on essential counseling theories, major diagnostic categories, problems and solutions of recovery, cultural diversity, and ethical issues.

Day 30592 MW 9:30-10:45 1641 SCHWARZ 01/17-05/26 OP V01

**PSCN 10 CAREER AND EDUCATION 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 30160 TTh 1:00-1:50 1602 BURKS 01/31-05/26 OP LSI  
*PSCN 10-LSI is a late start course that meets from Jan 31-May 26.*

Eve 32017 Wed 5:00-6:50 1602 GRAVINO 01/17-05/26 OP 093  
 Web 30283 ONLINE LEE 01/17-05/26 OP DEI

*PSCN 10-DEI is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**PSCN 13 MULTICULTURAL ISSUES/AMERICA 3.0 Units**

Exploration of issues relating to the multicultural community in which we live. Focus on improving the individual's 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 30730 TTh 4:00-5:25 1641 GECOX 01/31 05/26 OP LSI  
*PSCN 13-LSI is a late start course that meets from Jan 31-May 26.*

Day 30588 TTh 9:30-10:45 1641 GAGNON 01/17-05/26 OP V01  
 Web 30703 ONLINE LEE 01/17-05/26 OP DEI

*PSCN 13-DEI 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 31736 ONLINE LIRA 03/27-05/19 OP L01

*PSCN 13-L01 is a late start online course that meets from Mar. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**PSCN 15 COLLEGE STUDY SKILLS 2.0 Units**

Review of study skill techniques for success in college. Time management, personal learning style, active listening, note-taking and test-taking strategies. Use of modeling, practice and evaluation of study skill techniques.

Day 31302 TTh 9:30-10:20 1602 GOMEZ 01/31-05/26 OP LSI  
*PSCN 15-FT2 is a fast track course that meets from Jan 31-May 25.*

Web 31660 By Arr 4.0 Hrs/Wk ONLINE LIRA 01/17-03/17 OP DEI  
*PSCN 15-DEI is a fast track online course that meets from Jan 17-Mar 17. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**PSCN 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. 17.5 hours lecture.

Day 32047 MW 9:30-10:20 103 VALLE 01/17-03/17 OP P01  
*PSCN 18-P01 is part of the Puente Program Learning Community and is linked to ENG 1A-P01, MW 11-12:15. For more information, or to register for the program, please contact Rafael Valle at [rvalle@laspositascollege.edu](mailto:rvalle@laspositascollege.edu).*

Web 31654 ONLINE SCHWARZ 01/17-03/17 OP DEI  
*PSCN 18-DEI is an online fast track course that meets from Jan 17-Mar 17. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

Web 33035 ONLINE SCHWARZ 03/27-05/19 OP L01  
*PSCN 18-L01 is a late start online class that meets from Mar 27-May 19. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.*

**PSCN 19 CASE APPROACH ADDICT/RECOV/PRE 3.0 Units**

Introductory course in case management specific to addiction, recovery, and prevention processes used in various occupational field placements, e.g., county mental health clinics, hospitals, drug and alcohol treatment facilities, non-profit health and human services agencies. Basic terminology used in alcohol, psychoactive drugs and other related addiction terms will be covered. Self-help groups such as Alcoholics Anonymous (AA), Overeaters Anonymous (OA), Adult Children of Alcoholics (ACA), Co-dependents Anonymous (CoDA), Gamblers Anonymous (GA), and Narcotics (NA) will be discussed. Current models of prevention, treatment planning, client monitoring and documentation in collaboration with other staff, e.g., physicians, social workers, counselors will be emphasized. Hands-on approach in learning how to formulate measurable goals and objectives to client recovery.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
Day	32958	MW	11:00-12:15	1641	GECOX	01/17-05/26	OP	V01	Day	31305	TTh	9:30-10:45	1826	HIROSE	01/17-05/26	OP	V03
<b>PSCN 28 ORIENTATION / INTERNAL STUDENTS 1.0 Units</b> 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, 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. Required for all foreign-visa students. 1 hour lecture									Day	33042	TTh	11:00-12:15	*	STAFF	01/17-05/26	OP	V04
<b>PSCN 30 STUDENT SUCCESS &amp; EXPERIENCE 3.0 Units</b> 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 and accessing campus resources.									*SOC 1-V04 will be offered at Chabot-Las Positas College District Office at: 7600 Dublin Blvd., 2nd Floor, Dublin, CA 94568 in Room TBA.								
Day	30851	Mon	2:00-3:00	1602	GECOX	01/31-05/26	P/N	LSI	Web	30346	ONLINE		THOMPSON	01/17-05/26	OP	DE1	
<b>PSCN 28-LSI is a Late Start course that meets from Jan 31-May 26.</b>									Web	30861	ONLINE		THOMPSON	01/17-05/26	OP	DE2	
<b>SOC 3 CULTURAL AND RACIAL MINORITIES 3.0 Units</b> Racial and ethnic relations in the United States. Examines the cultural, political, and economic practices and institutions that support or challenge racism, and ethnic inequalities, as well as patterns of interaction between various racial and ethnic groups.									Web	31730	ONLINE		THOMPSON	01/17-05/26	OP	DE3	
Day	32271	MW	9:30-10:45	1602	DISCUA	01/17-05/26	OP	V01	Web	32855	ONLINE		STAFF	01/17-05/26	OP	DE4	
Day	32459	TTh	12:30-1:45	1641	STAFF	01/17-05/26	OP	V02	<b>SOC 3-DE1, DE2, DE3, &amp; DE4 are online courses. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</b>								

## RELIGIOUS STUDIES

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>RELS I RELIGIONS OF THE WORLD 3.0 Units</b> Introduction to religion by examining several religions; basic principles of each shown by fundamental scriptures and works in the visual and musical arts.								
Eve	30265	Tue	7:00-9:50	2490	HINERMAN	01/17-05/26	GR	093
Eve	33049	Mon	6:00-8:50	*	MUELLER	01/17-05/26	OP	094

RELS I-V02 will meet at Dublin High School in Room: TBA

Dublin High School Address: 8151 Village Parkway, Dublin, CA 94568

Web 30159 ONLINE TOMLINSON 01/17-05/26 GR DE1  
 RELS I-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 31649 ONLINE TOMLINSON 01/17-05/26 GR DE2  
 RELS I-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>.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>RELS II THE NATURE OF ISLAM 3.0 Units</b> Introduction to the nature of Islam as a religion or system for life, its culture and its impact on Muslim individuals and groups. Includes a brief history of Islam and Muslims in relation to the basic sources of Islam.								
Eve	30411	Th	4:00-6:50	4212	HUSAINI	01/17-05/26	OP	093

## SOCIOLOGY

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>SOC I PRINCIPLES OF SOCIOLOGY 3.0 Units</b> 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	30011	MW	12:30-1:45	1641	HIROSE	01/17-05/26	OP	V01
Day	30012	TTh	8:00-9:15	104	STAFF	01/17-05/26	OP	V02

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
<b>SOC 6 SOCIAL PROBLEMS 3.0 Units</b> 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	30758	MW	9:30-10:45	104	STAFF	01/17-05/26	OP	V01
Web	32002	ONLINE		STAFF	01/17-05/26	OP	DE1	
<b>SOC 4-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</b>								
<b>SOC 7 SOCIOLOGY OF SEXUALITY 3.0 Units</b> This course looks at the changing roles and formations of family over time with a particular emphasis on the impact of industrialization on our definitions of family. This includes changing courtship patterns, reproductive strategies and the meanings of childhood and parenthood. Current issues such as work/family balance and divorce are also covered.								
Web	31679	ONLINE		THOMPSON	01/17-05/26	OP	DE1	
<b>SOC 6-DE1 is an online course. For more information, see the section titled "Online Learning" in this schedule, or go to <a href="http://www.laspositascollege.edu/onlinelearning">http://www.laspositascollege.edu/onlinelearning</a>.</b>								
Eve	30517	Wed	7:00-9:50	1641	THOMPSON	01/17-05/26	OP	093
<b>SOC II SOCIOLOGY OF GENDER 3.0 Units</b> This course examines the social construction of masculinity and femininity historically and cross-culturally. It analyzes the impact of economic and political change on gender expectations and practices. This class focus includes both macro-analyses of how institutions shape gender and microanalyses of how individuals "do" or practice gender.								
Day	30282	TTh	12:30-1:45	104	HIROSE	01/17-05/26	OP	V01

**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.

Eve	32856	Tue	4:00-6:50	2470	STAFF	01/17-05/26	OP	093
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**SPANISH**

**SPAN 1A BEGINNING SPANISH 5.0 Units**

The introductory level course will enable students to begin speaking, reading and writing elementary level Spanish 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	30334	MWF	9:30-10:55	2480	NEVAREZ	01/17-05/26	OP	V01
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**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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.**

Day	30432	MW	11:30-1:45	402	SUAREZ	01/17-05/26	OP	V02
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Day	30948	TTh	12:00-2:15	2450	SUAREZ	01/17-05/26	OP	V03
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**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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.**

Eve	30582	TTh	6:00-8:15	106	NEVAREZ	01/17-05/26	OP	093
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**SPAN 1B ELEMENTARY SPANISH 5.0 Units**

This is the second semester of the introductory level course and will enable students to continue to learn to speak, read and write elementary level Spanish as well as to understand the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts.

*Prerequisite: Spanish 1A (completed with a "C" or higher).*

Day	30345	TTh	9:30-11:45	2450	SUAREZ	01/17-05/26	OP	V01
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**SPAN 1B-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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.**

**SPAN 2A INTERMEDIATE SPANISH 4.0 Units**

Review of grammar and reading of works of modern authors. Conversation and composition.

*Prerequisite: Spanish 1B (completed with a grade of "C" or higher).*

Day	31061	MW	9:30-11:20	505	SUAREZ	01/17-05/26	OP	V01
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**SPAN 2A-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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.**

**SPAN 2B ADVANCED SPANISH 4.0 Units**

Reading of Spanish authors and advanced review of grammar. Speaking and composition.

*Prerequisite: Spanish 2A (completed with a grade of "C" or higher).*

Day	30433	MW	9:30-11:20	505	SUAREZ	01/17-05/26	OP	V01
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**SPAN 2B-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 [www.laspositascollege.edu/honors](http://www.laspositascollege.edu/honors) for more information.**

**SPEECH**

**SPCH I FUNDAMENTALS/SPEECH COMMUNICAT 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; includes developing the faculties of critical listening and problem solving.

*Strongly recommended: eligibility for English 1A.*

Day	30080	TTh	12:30-3:20	4212	HEISLER	01/17-03/17	OP	FT1
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**SPCH I-FT1 is a Fast Track course that meets from Jan 17-Mar 17.**

Day	30082	TTh	12:25-3:25	4212	HEISLER	03/27-05/19	OP	FT2
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**SPCH I-FT2 is a Fast Track course that meets from Mar 27-May 19.**

Day	31656	MW	8:00-9:15	4212	DRUMMOND	01/17-05/26	OP	V01
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Day	30465	MW	9:30-10:45	4212	DRUMMOND	01/17-05/26	OP	V02
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Day	30238	MW	11:00-12:15	4212	BREHE-JOHNS	01/17-05/26	OP	V03
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Day	30281	MW	11:00-12:15	4213	HEISLER	01/17-05/26	OP	V04
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Day	30079	MW	12:30-1:45	4213	HEISLER	01/17-05/26	OP	V05
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Day	30336	MW	12:30-1:45	4212	BREHE-JOHNS	01/17-05/26	OP	V06
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Day	30081	Fri	9:30-12:20	4213	HEISLER	01/17-05/26	OP	V07
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Day	30078	TTh	8:00-9:15	4212	DOBSON	01/17-05/26	OP	V08
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Day	30239	TTh	9:30-10:45	4212	DOBSON	01/17-05/26	OP	V09
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Day	31007	TTh	9:30-10:45	4213	STAFF	01/17-05/26	OP	V10
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Day	30681	TTh	11:00-12:15	4212	HEISLER	01/17-05/26	OP	V11
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Day	31136	TTh	11:00-12:15	4213	BREHE-JOHNS	01/17-05/26	OP	V12
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Day	32439	Fri	9:30-12:20	106	STAFF	01/17-05/26	OP	V13
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Day	33055	TTh	8:00-9:15	4213	STAFF	01/17-05/26	OP	V14
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Eve	30182	Mon	7:00-10:00	4212	JOVIEN	01/17-05/26	OP	093
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Eve	30257	Tue	7:00-9:50	4212	KELLNER	01/17-05/26	OP	094
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Eve	30394	Wed	7:00-9:50	4212	JOVIEN	01/17-05/26	OP	095
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Eve	31303	Th	7:00-9:50	4213	DRUMMOND	01/17-05/26	OP	096
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Eve	32578	Wed	7:00-9:50	2450	PEREZ	01/17-05/26	OP	098
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Eve	33051	Th	7:00-9:50	*	NORTON	01/17-05/26	OP	099
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*\*SPCH 1-099 will meet at Dublin High School in Room: TBA*

*Dublin High School Address: 8151 Village Parkway, Dublin, CA 94568*

**SPCH 5 READERS THEATER 3.0 Units**

Introduction to the various principles and techniques used in readers theater, a style of theater that combines oral interpretation and conventional theater to make literature come alive for the audience. Using prose, poetry, and drama literature, students will create, compile, analyze, stage, and perform one or more readers theater productions.

Day	30954	TTh	9:30-10:45	4128	BREHE-JOHNS	01/17-05/26	OP	V01
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**SPCH 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.

Day	30279	MW	3:30-4:45	4212	STAFF	01/17-05/26	GR	V01
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**SPCH 46 ARGUMENTATION AND DEBATE 3.0 Units**

Analysis of contemporary questions through written and spoken discourse. Analysis, criticism, and synthesis of contemporary moral, political, economic and philosophical issues of a diverse, multicultural society, using traditional and modern models of argumentation.

D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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*Strongly recommended: English 1A.*

Day	30196	MW	4:00-5:15	106	STAFF	01/17-05/26	OP	V01
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**SPCH 48 ACTIVITIES IN FORENSICS 1.0-4.0 Units**  
 Competition in the areas of public speaking and oral interpretation. Preparation, including research and writing; practice; and participation and performance in intercollegiate speech and debate tournaments.

Day	30682	Lab Fri	1:30-4:20	4211	DOBSON	01/17-05/26	OP	V01
		Lab By Arr	9.0 Hrs/Wk	4211		01/17-05/26	OP	

*SPCH 48-V01 is offered for 1.0-4.0 units.*

## THEATER ARTS

**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: English 1A.*

Day	32359	MW	12:30-1:45	4128	LISH	01/17-05/26	OP	V01
Day	30434	TTh	11:00-12:15	4128	COCKE	01/17-05/26	GR	V02

**THEA 1B THEORY/PRACTICE OF ACTING II 3.0 Units**

Continued exploration of the theory and practice of acting, focusing on more complex characterization and character analysis. Introduction to theatrical styles and period acting with emphasis on monologues and scenes.

*Prerequisite: Theater Arts 1A (or equivalent acting class or acting performance experience).*

Day	30102	MW	9:30-10:45	4128	LISH	01/17-05/26	GR	V01
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**THEA 10 INTRODUCTION TO DRAMATIC ARTS 3.0 Units**

A survey of the elements of Theater event, it's contribution to cultures and societies throughout history.

Day	32360	TTh	9:30-10:45	4128	LISH	01/17-05/26	OP	V01
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**THEA 12 FILM AS ART & COMMUNICATION 4.0 Units**

Introduction to film as art and communication. Analysis of film expression including narrative, documentary, and experimental. *Strongly Recommended: Eligibility for English 1A.*

Day	32938	MW	2:00-5:50	tba	STAFF	01/17-05/26	OP	V01
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**THEA 14 BAY AREA THEATRE 3.0 Units**

Appreciation of theatrical performances through reading, evaluating and attending live productions. Specific content is determined by currently available theatrical productions. 2.5 hours lecture and 1.5 hours laboratory.

Day	32939	MW	11:00-12:15	4127	COCKE	01/17-05/26	OP	V01
		MW	12:15-1:15	4127		01/17-05/26	OP	
		By Arr	2.5 Hrs/Wk	4127		01/17-05/26	OP	

**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.

Day	32940	MW	2:00-3:15	4127	STAFF	01/17-05/26	OP	V01
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Lab	MW	3:30-4:45	4127			01/17-05/26	OP	
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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.

Day	32941	MW	2:00-3:15	4127	STAFF	01/17-05/26	OP	V01
		Lab	MW	3:30-4:45	4127		01/17-05/26	OP

**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.

Day	32942	MW	2:00-3:15	4127	STAFF	01/17-05/26	OP	V01
		Lab	MW	3:30-4:45	4127		01/17-05/26	OP

**THEA 47A PERFORM IN PROD:INTRO LIVE 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	32363	MTWTh	7:00-8:05	4128	ROSS	01/17 04/09	OP	LEI
		Lab	MTWTh	8:10-10:00	4128		01/17 04/09	OP

*Note: Enrollment for production Brighton Beach Memoirs is by Audition only. Auditions scheduled for November 14-17, 2016. Please see [www.laspositascollege.edu/thea](http://www.laspositascollege.edu/thea) for more info.*

**THEA 47B PERFORMANCE IN PROD: BEGINNING 3.0 Units**

As a continuation of THEA 47A, students will participate in the cast of a scheduled main stage production. Emphasis will be on character development, objectives, and actions.

Eve	32365	MTWTh	7:00-8:05	4128	ROSS	01/17-04/09	OP	LEI
		Lab	MTWTh	8:10-10:00	4128	01/17 04/09	OP	

*Note: Enrollment for production Brighton Beach Memoirs is by Audition only. Auditions scheduled for November 14-17, 2016. Please see [www.laspositascollege.edu/thea](http://www.laspositascollege.edu/thea) for more info.*

**THEA 47C PERFORMANCE IN PROD: INTERMED. 3.0 Units**

This course is a continuation of THEA 47B. Student will participate in the cast of a scheduled main stage production. This course will focus on rehearsal technique, personal creative exploration, and ensemble building and motivated performance response.

Eve	32367	MTWTh	7:00-8:05	4128	ROSS	01/17-04/09	OP	LEI
		Lab	MTWTh	8:10-10:00	4128		01/17-04/09	OP

*Note: Enrollment for production Brighton Beach Memoirs is by Audition only. Auditions scheduled for November 14-17, 2016. Please see [www.laspositascollege.edu/thea](http://www.laspositascollege.edu/thea) for more info.*

**THEA 47D PERFORMANCE IN PROD:ADVANCED 3.0 Units**

As a continuation of THEA 47C, 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 outreach and publicity obligations.

Eve	32370	MTWTh	7:00-8:05	4128	ROSS	01/17-04/09	OP	LEI
		Lab	MTWTh	8:10-10:00	4128		01/17-04/09	OP

*Note: Enrollment for production Brighton Beach Memoirs is by Audition only. Auditions scheduled for November 14-17, 2016. Please see [www.laspositascollege.edu/thea](http://www.laspositascollege.edu/thea) for more info.*

**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*

Day	32372	Tue	2:00-2:50	4128	COCKE	01/17-05/26	OP	V01
		Tue	3:00-3:50	4128		01/17-05/26	OP	
		Th	2:00-3:50	4128		01/17-05/26	OP	
		By Arr	3.0 Hrs/Wk	4128		01/17-05/26	OP	

**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.

Day	32373	Tue	2:00-2:50	4128	COCKE	01/17-05/26	OP	V01
		Lab Tue	3:00-4:20	4128		01/17-05/26	OP	
		Lab Th	2:00-4:20	4128		01/17-05/26	OP	
		Lab By Arr	3.0 Hrs/Wk	4128		01/17-05/26	OP	

**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.

Day	32374	Tue	2:00-2:50	4128	COCKE	01/17-05/26	OP	V01
		Lab Tue	3:00-4:20	4128		01/17-05/26	OP	
		Lab Th	2:00-4:20	4128		01/17-05/26	OP	Lab
		By Arr	3.0 Hrs/Wk	4128		01/17-05/26	OP	

**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.

Day	32375	Tue	2:00-2:50	4128	COCKE	01/17-05/26	OP	V01
		Lab Tue	3:00-4:20	4128		01/17-05/26	OP	
		Lab Th	2:00-4:20	4128		01/17-05/26	OP	
		Lab By Arr	3.0 Hrs/Wk	4128		01/17-05/26	OP	

**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: Theater 50.*

Day	32943	TTh	11:00-11:50	4240	LISH	01/17-05/26	OP	V01
		Lab TTh	12:00-1:15	4240		01/17-05/26	OP	

**TUTORING**

**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	32553	By Arr	1.0 Hrs/Wk	2401	TRUMMEL	01/17-03/17	OP	FT163
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Lab By Arr 2.0 Hrs/Wk 2401 01/17 03/17 OP  
 Class Sessions Saturday, Jan 28 9:00-3:00 and Saturday, Feb 4 9:00-12:00.

**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.*

Day	32554	Fri	1:00-1:50	2401	TRUMMEL	01/17-05/26	OP	LS1
		Lab By Arr	2.0 Hrs/Wk	2401		01/17-05/26	OP	

**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, mentoring new tutors, and tutoring students with learning disabilities. Required course for third semester tutors participating in the Las Positas College Tutorial Program.

*Prerequisite: TUTR 17B*

Day	32555	Fri	1:00-1:50	2401	TRUMMEL	01/17-05/26	OP	LS1
		Lab By Arr	2.0 Hrs/Wk	2401		01/17-05/26	OP	

**TUTR 200 SUPRVSD LEARN ASSIST-IND STUDY 0.0 Units**

Individualized student tutoring (supplemental learning assistance) provided to students requesting assistance or referred by a counselor or an instructor. Trained tutors and instructors will provide tutoring in basic skills, academic and vocational 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	30237	By Arr	22.0 Hrs/Wk	tba	TRUMMEL	01/17-05/26	OP	V01
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**VISUAL COMMUNICATIONS**

**VCOM 51 COLOR FOR DESIGN 2.0 Units**

A basic-level course highlighting color as an element for communication and expression in all visual fields. Covers key color systems and their relevance to graphic and other visual arts, creative and technical aspects of color available in the Adobe Creative Suite applications including color expression, color theory, color interaction, color psychology, color perception, using color for an ethnically diverse, international audience, color theories, color trends, color reproduction, pre-press and screen view considerations.

*Strongly recommended: Visual Communications 48.*

*All VCOM courses include lecture and studio times. You may need to purchase a special VCOM color printing card and/or other supplies. Your instructor will discuss this at the class meeting.*

Eve	31872	Mon	6:00-6:50	713	KUO	01/17-05/26	OP	093
		Lab Mon	7:00-8:50	713		01/17-05/26	OP	
		Lab Wed	6:00-7:50	713		01/17-05/26	OP	

**VCOM 52 INTRODUCTION TO TYPOGRAPHY 3.0 Units**

This course examines letterforms and fundamental typographic principles, with emphasis on the vocabulary of typographic form and its relationship to message/purpose in graphic design. Typography is the backbone of graphic design, and the ability to design effectively with type is essential for a graphic designer. Course includes applied history and theory highlighting type as an element for communication and expression, exploration of appropriate use of type families, type trends and typographic design used for an ethnically diverse, international audience. In-class focus on the mechanics of type design, type legibility,



D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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visual appropriateness, and project-based work exploring creative and technical aspects involved in designing text using the newest versions of Adobe Creative Suite software.

*Strongly Recommended: Visual Communications 50.*

Day	31223	TTh	11:00-11:50	713	KUO	01/17-05/26	OP	V01
Lab		TTh	12:00-1:50	713		01/17-05/26	OP	

**VCOM 53 PHOTOSHOP I FOR DESIGN 2.0 Units**

Technical and skill development course using the most recent version of Photoshop at the basic to intermediate level to create and manipulate digital paintings, photographs 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: Visual Communications 48.*

Day	32945	MW	2:00-3:50	713	KUO	01/17-05/26	OP	V01
Lab		MW	4:00-4:50	713		01/17-05/26	OP	

**VCOM 54 ILLUSTRATOR I FOR DESIGN 2.0 Units**

Technical and drawing skill development course using the latest version of Illustrator at the basic-to intermediate-level to render 2-D 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.

Day	32448	Lab Tue	8:30-9:45	713	KUO	01/17-05/26	OP	V01
		Tue	10:00-10:50	713		01/17-05/26	OP	
		Lab Th	8:30-10:45	713		01/17-05/26	OP	

**VCOM 55 WEB DESIGN I 3.0 Units**

This basic-level web design course takes a visual communications approach to the creation of web sites, and the fundamental techniques required to format text, illustrations, tables, and images for the web. Emphasis is placed on appropriate design for the web-beginning with a graphic user interface that is functional, logical, and attractive, and bringing the concept to life using the latest versions of Dreamweaver. Also included is a brief overview of html code, cascading style sheets, and detailed instruction of how to use Dreamweaver to create web content.

*Strongly Recommended: Visual Communications 51 and either Visual Communications 53 or Visual Communications 54.*

Day	31873	MW	11:00-11:50	713	JAY	01/17-05/26	OP	V01
Lab		MW	12:00-1:50	713		01/17-05/26	OP	

**VCOM 56 DESIGN CONCEPTS I 3.0 Units**

Design and skills development course exploring the creative processes, methods, strategies and tools used in developing concepts and final designs in any visual field including the basic elements of design: line, texture, value, shape, color, light, and spatial concepts. Emphasis is placed on experience applying design principles and conventions to create 2-dimensional work. Use of computers as digital design tool along with basic manual techniques relating to effective preparation, presentation, craftsmanship and professionalism in presentation.

*Strongly Recommended: Visual Communications 51 and Visual Communications 52 and either Visual Communications 53 or Visual Communications 54.*

Day	31474	MW	8:00-8:50	713	BERENDT	01/17-05/26	OP	V01
Lab		MW	9:00-10:50	713		01/17-05/26	OP	

**VCOM 57 DESIGN CONCEPTS II 3.0 Units**

Design and technical skills intermediate-level course in the creative processes, methods and tools used from concept

to final design for commercial purposes in print and web (e.g., logos, related brand symbols, collateral materials, simple business publications, print screen advertising, and packaging.) Emphasis is placed on the designer/client relationship, designing compelling graphics specifically to client project brief and to target audience, conducting research, presenting concept and final design, meeting deadlines, producing industry-standard digital documents, and working individually and in teams. Course includes designing minimum of one major project contracted through the Design Shop-the Visual Communications Program business that mirrors an industry-standard creative design agency. Design Shop client attends class to participate in briefing, Q & A, concept presentation, feedback and critique sessions.

*Prerequisite: Visual Communications 53 or 54 and Visual Communications 56 (completed with a grade of "C" or higher).*

Day	32944	MW	8:00-8:50	713	BERENDT	01/17-05/26	OP	V01
Lab		MW	9:00-10:50	713		01/17-05/26	OP	

**VCOM 58 PHOTOSHOP II FOR DESIGN 3.0 Units**

Technical and design skill development course using the latest version of Photoshop at the intermediate to advanced level to create and manipulate images, illustrations, text and animations. Emphasis on intermediate through advanced level techniques and tools used to create or manipulate image files suitable for print and screen. Design principles emphasized to create effective output through computer-based composition. Course may include one or more project contracted through the Design Shop-the Visual Communications Program business that mirrors an industry-standard creative design agency. Design Shop client attends class to participate in briefing, Q & A, presentation, feedback and critique sessions.

*Prerequisite: Visual Communications 53 (completed with a grade of "C" or higher). Strongly Recommended: Visual Communications 51 and Visual Communications 52.*

Day	32449	MW	2:00-3:50	713	KUO	01/17-05/26	OP	V01
Lab		MW	4:00-4:50	713		01/17-05/26	OP	

*All VCOM courses include lecture and studio times. You may need to purchase a special VCOM color printing card and/or other supplies. Your instructor will discuss this at the first class meeting.*

**VCOM 62 WEB DESIGN II 3.0 Units**

Technical and design skill intermediate through advanced-level course in creation of web sites including user interface considerations, and Cascading Style Sheets techniques. Emphasis placed on functional, logical, attractive, accessible and appropriate web site design for the client and end-user. Including intermediate through advanced-level techniques and tools required to format text, create animations and other content for the web. Programs covered are latest versions of Dreamweaver and Flash, Adobe GoLive. Course includes minimum of one project contracted through the Design Shop-the Visual Communications Program business that mirrors an industry-standard creative design agency. Design Shop client attends class to participate in briefing, Q & A, presentation, feedback and critique sessions.

*Prerequisite: Visual Communications 55 (completed with a grade of "C" or higher).*

Day	32991	MW	11:00-11:50	713	JAY	01/17-05/26	OP	V01
Lab		MW	12:00-1:50	713		01/17-05/26	OP	

**VCOM 65 ELECT PREPRESS/PRINT PROD 3.0 Units**

Culminating class in study of technical and creative design techniques necessary to produce accurate prepress files used to produce finished printed materials. Upon completion, students should be able to show mastery of the creative process

and technical skills necessary to produce individual-and team-based single-and multi-page print work to client and industry specifications. This course provides students with professional prepress and print work experience within Las Positas College and the surrounding community including participation in client briefing, Q & A, presentation, feedback and critique sessions. Course includes minimum of two large print materials projects contracted through the Design Shop-the Visual Communications Program business that mirrors an industry-standard creative design agency.

Prerequisite: VCOM 64 (completed with a grade of "C" or higher).  
Corequisite: VCOM 65IN.

Day	32982	TTh	2:00-2:50	2409	KUO	01/17-05/26	OP	V01
Lab		TTh	3:00-4:50	2409		01/17-05/26	OP	

## VITICULTURE AND WINERY TECH

### VWT 25 SENSORY ANALYSIS OF WINES 3.0 Units

A sensory course designed for individuals to learn organoleptic testing techniques, characteristics and styles of wine varieties, wine sensory evaluation methods including statistical analysis of trials, philosophy of wine styles, and the common evaluation methods used in sensory testing. Students must be 21 years of age or older.

*This class has a materials fee above the regular enrollment fee.*

Eve	31506	Wed	5:00-7:50	1814	STAFF	01/17-05/26	GR	093
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*There is a materials fee of \$100 associated with this class. Students under 21 years of age must have a declared major in either Viticulture or Enology in order to participate in wine tasting under the new "Sip and Spit" legislation.*

### VWT 35 VINEYARD PEST & DISEASE MGT 3.0 Units

A study of the identification and the biology of common vineyard pests and diseases is covered in this course. Techniques and strategies for sampling and monitoring and effective control measures will be covered. Pest management strategies for insects, weeds and diseases will be emphasized, including bio-control and sustainable agriculture practices in addition to pesticide use, safety and compliance.

Eve	32539	Th	5:00-7:50	1814	STAFF	01/17-05/26	OP	093
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### VWT 42 WINERY OPERATIONS 2 3.0 Units

This class has a strong emphasis on the practical applications of winery operations. Students will be involved in the on-going maintenance of wines produced from the annual LPC Campus Hill Vineyard harvest, putting into action winery operations for the spring season including winery equipment operation and safety, the handling and storage of new wines, barrel and tank monitoring, sensory and laboratory analysis, the planning, managing and implementation of bottling including blending trials, fining and filtering, label design and compliance, winery sanitation and record keeping. 2 hours lecture, 3 hours laboratory Students under the age of 21 must have a declared major in either viticulture and/or enology to participate in any tasting activities as stated in California State

Strongly Recommended: VWT 20 with a minimum grade of C

*Students under 21 years of age must have a declared major in either Viticulture or Enology in order to participate in wine tasting under the new "Sip and Spit" legislation.*

Eve	30837	Mon	5:00-7:50	1814	STAFF	01/17-05/26	GR	093
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### VWT 45 FOOD AND WINE PAIRING 1.0 Units

An introductory to the concepts involved in food and wine pairing through formal tasting, cooking, and lectures. Students are taught how to use sensory abilities to identify those ingredients in both food and wine that complement each other.

Students will participate in palate exercises in which foods and wines are paired. Students must be 21 years or older.

*There is a materials fee of \$100 associated with this class. Students under 21 years of age must have a declared major in either Viticulture or Enology in order to participate in wine tasting under the new "Sip and Spit" legislation.*

Eve	32426	Tue	5:00-5:50	1814	STAFF	01/17-05/26	OP	093
Lab		Tue	6:00-6:50	1814		01/17-05/26	OP	

## WELDING TECHNOLOGY

### WLDT 61AL BEGINNING ARC/FLUX-CORE 2.0 Units

Skills of Shielded Metal Arc (SMAW) and Flux-Core Arc (FCAW) welding in the flat, horizontal, and vertical positions to code specifications. Oxy-fuel flame, plasma, and carbon arc cutting.

Corequisite: Welding Technology 61AL or Welding Technology 61B.

#### STUDENTS ENROLLED IN WELDING TECHNOLOGY 61AL MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 61B.

*Students enrolled in WLDT 61AL lab class will be assessed a \$70 materials fee at registration.*

Day	30963	Lab Mon	4:30-6:45	810	JOHNSON	01/17-05/26	OP	V01
		Lab Wed	3:30-6:45	810		01/17-05/26	OP	

Eve	31154	Lab Mon	8:00-10:15	810	JOHNSON	01/17-05/26	OP	093
		Lab Wed	7:00-10:15	810		01/17-05/26	OP	

### WLDT 61B ADVANCED STICK/FLUX/BLUEPRINT 1.0 Units

Theory and safety of Stick (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 for welders and hazardous material regulations.

Prerequisite: Welding Technology 61A. Corequisite: Welding Technology 61AL or Welding Technology 61BL.

Eve	30962	Mon	7:00-7:50	1602	MINER	01/17-05/26	OP	094
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### WLDT 61BL ADV STICK, FLUX-CORE SKILLS 2.0 Units

Advanced skills in Stick (SMAW) and Flux-core (FCAW) welding of steel in the horizontal, vertical and overhead positions to A.W.S. codes. Safety and proper use of SMAW and FCAW equipment, oxy-fuel welding and cutting, plasma cutting. Blueprint usage in welding shop environment. Pipe and tubing fit-up and welding.

Prerequisite: Welding Technology 61AL. Corequisite: 61A or Welding Technology 61B.

#### STUDENTS ENROLLED IN WELDING TECHNOLOGY 61BL MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 61A.

*Students enrolled in WLDT 61BL lab class will be assessed a \$70 materials fee at registration.*

Day	30964	Lab Mon	4:30-6:45	810	JOHNSON	01/17-05/26	OP	V01
		Lab Wed	3:30-6:45	810		01/17-05/26	OP	

Eve	31155	Lab Mon	8:00-10:15	810	JOHNSON	01/17-05/26	OP	093
		Lab Wed	7:00-10:15	810		01/17-05/26	OP	

### WLDT 62AL BEG TIG, MIG, BLUEPRINT 2.0 Units

Skills of Tig (GTAW) and MIG (GMAW) welding of ferrous and non-ferrous alloys in the flat, horizontal, and vertical 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: Welding Technology 62A or Welding Technology 62B.

#### STUDENTS ENROLLED IN WELDING TECHNOLOGY 62AL LAB MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 62A.

*Students enrolled in WLDT 62AL lab class will be assessed a \$75 materials fee at registration.*

Eve	30816	Lab Tue	8:00-10:15	810	STAFF	01/17-05/26	OP	093
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D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC	D/E	CRN	DAYS	TIMES	ROOM	INSTRUCTOR	DATES	CODES	SEC
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		Lab Th	7:00-10:15	810		01/17-05/26	OP	
Eve	30815	Lab Tue	4:30-6:45	810	STAFF	01/17-05/26	OP	094
		Lab Th	3:30-6:45	810		01/17-05/26	OP	

**WLDT 62B ADV TIG, MIG, BLUEPRINT THEORY 1.0 Units**

Theory and safety of TIG (GTAW) and MIG (GMAW) welding of steel, flame cutting, plasma and carbon arc cutting. American Welding Society nomenclature, electrode and wire selection, job opportunities. Blueprint reading, welding symbols for welders and hazardous material regulations.

Corequisite: *Welding Technology 62AL or Welding Technology 62BL.*

**Students enrolled in WLDT 62B LECTURE MUST ALSO be enrolled in WLDT 62AL or 62BL LAB.**

Eve	30824	Tue	7:00-7:50	1602	MINER	01/17-05/26	OP	093
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**WLDT 62BL ADVANCED TIG/MIG WELDING SKILL 2.0 Units**

Advanced skills in TIG (GTAW) and MIG (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: *Welding Technology 62AL.* Corequisite: *Welding Technology 62A or Welding Technology 62B.*

**STUDENTS ENROLLED IN WELDING TECHNOLOGY 62BL LAB MUST ALSO BE ENROLLED IN WELDING TECHNOLOGY 62A LECTURE.**

*Students enrolled in WLDT 62BL lab class will be assessed a \$75 materials fee at registration.*

Eve	30817	Lab Tue	8:00-10:15	810	STAFF	01/17-05/26	OP	093
		Lab Th	7:00-10:15	810		01/17-05/26	OP	

Eve	30818	Lab Tue	4:30-6:45	810	STAFF	01/17-05/26	OP	094
		Lab Th	3:30-6:45	810		01/17-05/26	OP	

**WLDT 63 WELDING LAYOUT AND FITTING 2.0 Units**

Interpretation of welding blueprints by making welding layouts and fitups. Current methods, practices, and recommended procedures. Use of jigs, fixtures, holding devices, and welding sequences. Methods of straightening and restoring dimensions to finished product. Laboratory includes Arc, MIG, TIG, and Flux-core welding, plasma and fuel cutting.

Prerequisites: *Welding Technology 62BL.*

Day	32304	Tue	12:15-1:05	810	MINER	01/17-05/26	OP	VTI
		Lab Tue	1:15-4:05	810		01/17-05/26	OP	

**WLDT 66 WELDING INSPECTION AND TESTING 2.0 Units**

Theory and skills in performing inspections and tests using destructive and nondestructive methods. Tensile and hardness testing; dye penetrant, magnetic particle, radiographic, ultrasonic, and metallographic inspection.

Prerequisite: *Welding Technology 62BL.*

Eve	32860	Th	5:00-5:50	1640	MINER	01/17-05/26	OP	093
		Lab Th	6:00-8:50	1822		01/17-05/26	OP	

**WLDT 66-093 will meet at Livermore High School in room TBA.**

**Livermore High School Address: 600 Maple Street Livermore, CA 94550**

**WLDT 67A WELDING SKILLS LABORATORY 2.0 Units**

Development and improvement of skills in Arc (SMAW), Flux-core (FCAW), MIG (GMAW), and TIG (GTAW) welding.

Prerequisite: *Welding Technology 61AL.*

*Students enrolled in WLDT 67A lab class will be assessed a \$40 materials fee at registration.*

Day	30819	Lab Mon	4:30-6:45	810	JOHNSON	01/17-05/26	OP	V01
		Lab Wed	3:30-6:45	810		01/17-05/26	OP	

Day	31156	Lab Tue	4:30-6:45	810	STAFF	01/17-05/26	OP	V02
		Lab Th	3:30-6:45	810		01/17-05/26	OP	

Eve	32072	Lab Mon	8:00-10:15	810	JOHNSON	01/17-05/26	OP	093
		Lab Wed	7:00-10:15	810		01/17-05/26	OP	

Eve	32073	Lab Tue	8:00-10:15	810	STAFF	01/17-05/26	OP	094
		Lab Th	7:00-10:15	810		01/17-05/26	OP	

Sat	30820	Lab Sat	9:00-3:10	810	GAKHAL	01/17-05/26	OP	WEI
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**WLDT 67B ADVANCED WELDING SKILLS LAB 2.0 Units**

Advanced development and improvement of skills in Arc (SMAW), Flux-core (FCAW), MIG (GMAW), and TIG (GTAW) welding.

Prerequisite: *Welding Technology 67A.*

*Students enrolled in WLDT 67B lab class will be assessed a \$40 materials fee at registration.*

Day	30821	Lab Mon	4:30-6:45	810	JOHNSON	01/17-05/26	OP	V01
		Lab Wed	3:30-6:45	810		01/17-05/26	OP	

Day	31157	Lab Tue	4:30-6:45	810	STAFF	01/17-05/26	OP	V02
		Lab Th	3:30-6:45	810		01/17-05/26	OP	

Eve	32074	Lab Mon	8:00-10:15	810	JOHNSON	01/17-05/26	OP	093
		Lab Wed	7:00-10:15	810		01/17-05/26	OP	

Eve	32075	Lab Tue	8:00-10:15	810	STAFF	01/17-05/26	OP	094
		Lab Th	7:00-10:15	810		01/17-05/26	OP	

Sat	30822	Lab Sat	9:00-3:10	810	GAKHAL	01/17-05/26	OP	WEI
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**WLDT 68 CERTIFICATION PREPARATION 2.0 Units**

Welding processes preparation for certification exams. Theory of American Welding Society D1.1, American Society of Mechanical Engineers Section IX, American Petroleum Institute 1.104.

*Students enrolled in WLDT 68 lab class will be assessed a \$40 materials fee at registration.*

Day	30823	Lab Mon	4:30-6:45	810	JOHNSON	01/17-05/26	OP	V01
		Lab Wed	3:30-6:45	810		01/17-05/26	OP	

Day	30965	Lab Tue	4:30-6:45	810	STAFF	01/17-05/26	OP	V02
		Lab Th	3:30-6:45	810		01/17-05/26	OP	

Eve	32076	Lab Mon	8:00-10:15	810	JOHNSON	01/17-05/26	OP	093
		Lab Wed	7:00-10:15	810		01/17-05/26	OP	

Eve	32077	Lab Tue	8:00-10:15	810	STAFF	01/17-05/26	OP	094
		Lab Th	7:00-10:15	810		01/17-05/26	OP	

Sat	31546	Lab Sat	9:00-3:10	810	GAKHAL	01/17-05/26	OP	WEI
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**WLDT 69A FABRICATION & INSTAL PIPE SYST 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, and GTAW of pipe joints, non-destructive and destructive test and qualitative concepts of evaluation.

Prerequisite: *Welding Technology 61BL, Welding Technology 62BL.*

*Students enrolled in 69A lab class will be assessed a \$100 materials fee at registration.*

Sat	30848	Sat	8:00-8:50	810	GAKHAL	01/17-05/26	OP	WEI
		Lab Sat	9:00-3:10	810		01/17-05/26	OP	

**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; geometric curve design for branched joint of piping systems; wire and electrode selections; advanced welding blue print and pipe welding symbols, SMAW, GMAW, and GTAW of pipe joints; metallurgical transformation of weld Heat Affected

Area (HAA); welding discontinuities and defects; destructive and non-destructive testing; and methods of inspection and testing.

Prerequisite: *Welding Technology 69A.*

**Students enrolled in 69B lab class will be assessed a \$100 materials fee at registration.**

Sat	30849	Sat	8:00-8:50	810	GAKHAL	01/17-05/26	OP	WEI
Lab	Sat	9:00-3:10		810		01/17-05/26	OP	

6:50pm in room 502. All other class meetings will be online. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

Web 33007 ONLINE AYOTTE 01/31-05/26 OP L01  
 WRKX 96-L01 is a Late Start online course that meets from Jan 31-May 26. For more information, see the section titled "Online Learning" in this schedule, or go to <http://www.laspositascollege.edu/onlinelearning>.

**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.

**WLDT 71-V01 has a materials fee of \$50.**

Day	31676	Tue	8:30-9:20	810	MINER	01/17-05/26	OP	V01
Lab	Tue	9:30-11:45		810		01/17-05/26	OP	
Lab	Th	8:30-11:45		810		01/17-05/26	OP	

## WOMENS STUDIES

**WMST 2 GLOBAL PERSPECTIVE OF WOMEN 3.0 Units**

Examines the cultural, historical, political and economic experiences of women globally. Introduces feminist perspectives on a wide range of issues affecting women including globalization, war, education, work, family and religion in Asia, Africa, the Middle East and Latin America.

Day	31640	TTh	12:30-1:45	2490	BENGIVENO	01/17-05/26	OP	V01
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## WORK EXPERIENCE

**WRKX 95 WORK EXPERIENCE 1.0 Units**

College supervised part-time or full-time employment. Through the cooperation of the work supervisor, students contract to accomplish new learning objectives and broaden their experiences at work.

Corequisite: *Work Experience 95. 5-15 hours of employment per week.*

**WRKX 95 and WRKX 96 must be taken together. Students who have completed BUSN95 may not receive credit.**

Day	30951	ONLINE/HYBRID	AYOTTE	01/17-05/26	GR	HDI
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*This course has an online component. There is one required on campus meeting.*

Web	33006	By Arr	3.3 Hrs/Wk	ONLINE	AYOTTE	01/31-05/26	OP	L01
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**WRKX 96 WORK EXPERIENCE SEMINAR 1.0 Units**

Focal point for the coordination of college supervised part-time or full-time employment. With an emphasis on building strong working relationships with supervisors, subordinates and co-workers, seminar topics include: effective communication skills, career exploration, resume writing, job interviewing and case studies. Students who have completed BUSN96 may not receive credit.

Corequisite: *Work Experience 95.*

**WRKX 95 and WRKX 96 must be taken together.**

Web	30952	ONLINE	AYOTTE	01/31-05/26	GR	LDI
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**WRKX 96-LD1 is a Late Start hybrid course that meets from Jan 31-May 26. There is one on campus meeting on Tuesday, February 7th from 6:00-9:25. 424.1000 | [ipc-admissions@laspositascollege.edu](mailto:ipc-admissions@laspositascollege.edu)**