



# LAS POSITAS COLLEGE

## SUMMER I FALL 2023 CLASS SCHEDULE

Invest in *you*

**Schedule your campus tour!**

See why Las Positas College was ranked one of the best community colleges in America.

**Academic excellence,**

a supportive student experience, and outstanding faculty and staff.



# MESSAGE FROM LAS POSITAS COLLEGE



## Welcome to Las Positas College!

This year, Las Positas College is ranked the #1 Best Community College in California by Intelligent and the #6 Best Community College in America by Niche. These rankings are based on academic quality, graduation rate, affordability, available student resources, and overall students' experiences. I commend you for making a great decision to enroll for the upcoming term to pursue your educational goals and career aspirations at LPC.

We offer a wide range of educational opportunities to allow you to earn a short-term, skills-based certificate, an associate degree, transfer to a four-year university, or audit courses as part of our Lifelong Learning Academy. High school students can also take college courses for free to get a head start in their college career through Dual Enrollment.

As you will discover, LPC is committed to helping our students enter livable wage careers by focusing on academic excellence, student success, and student completion. Our caring and dedicated faculty, staff, and administrators are committed to supporting you throughout your college experience and beyond.

We have outstanding student support services, academic resources, and excellent opportunities for you to be involved in campus life and activities. I am confident that you will find that Las Positas College is a rewarding place to be. You will have the opportunity to meet new people while you pursue a degree or certificate to enter the workforce in your chosen career.

The most important thing for you to know is that you are not alone on your educational journey; our faculty and staff are here to assist and support you, from your first semester all the way through graduation! I encourage you to make the most of your LPC experience and take advantage of the many student resources and opportunities that are available to you.

I am excited to welcome you to a new semester at LPC and I wish you much success!

Sincerely,

**Dr. Dyrell Foster**

President, Las Positas College

## WELCOME TO THE LPC COMMUNITY!



### BOARD OF TRUSTEES

Tim Sbranti, President  
Maria L. Heredia, Secretary  
Hal G. Gin, Ed.D.  
Linda Granger

Stephen Lanza  
Harris Mojadedi  
Luis Reynoso, Ed.D.

### PRESIDENTS

Dyrell Foster, Ed.D., President, Las Positas College  
Susan Sperling, Ph.D., President, Chabot College

### CHANCELLOR

Ronald P. Gerhard, Chancellor



**CHABOT  
LAS POSITAS**  
COMMUNITY COLLEGE DISTRICT



**MISSION STATEMENT**

Las Positas College provides an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career-technical goals while promoting life-long learning.

**VISION STATEMENT**

Las Positas College strives to support and empower students to develop the knowledge, skills, values, and abilities needed to become engaged participants and leaders in their local and global communities.

**VALUES STATEMENT**

Las Positas College thrives as a collaborative teaching and learning community committed to integrity and excellence by:

1. Encouraging and celebrating lifelong learning
2. Responding to the needs of the ever-changing workplace and society
3. Demonstrating civic, social and environmental responsibility
4. Promoting ethical behavior, mutual trust, equity, and respect within our diverse community
5. Fostering a climate of discovery, creativity, personal development, and physical and mental health
6. Ensuring that Las Positas is a sanctuary campus for undocumented students
7. Holding firm to the belief that each of us makes an astonishing difference.

**ACCREDITATION**

Las Positas College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges.

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**The Chabot-Las Positas Community College District Board of Trustees voted to suspend the COVID-19 vaccine mandate, effective April 24, 2023. Students registering for Summer and Fall classes for 2023 will no longer need to provide proof of COVID-19 vaccination.**

*Courses, dates, and times are subject to change without notice. Refer to the college website for the most current course information.*



**LPC  
Tuition-  
FREE**



## The Las Positas **Free Tuition** Promise for 2023-2024

Las Positas College now offers **free tuition for first-time, full-time students**. See below for details:

### Eligible Students

- First-time college students that have not attended college before. Students who have earned college credit prior to high school graduation or students enrolled at Las Positas College during the Summer immediately prior to Fall 2023 are eligible.
- Must be enrolled in, and must complete, 12 or more units per semester during Fall 2023 and Spring 2024.
- Must be a California resident or AB 540 student.

### Application Process

1. Apply to Las Positas College.
2. Complete the Free Application for Federal Student Aid (FAFSA) or the CA Dream Act Application (CADAA) by July 1, 2023.

### What costs are covered?

The Las Positas College Promise will cover students' tuition, the \$46 per unit enrollment fee.

### Don't qualify for this free tuition program?

We can still provide support! Contact the financial aid office to learn about the other forms of financial assistance available to you.



**LAS POSITAS**  
COLLEGE

### Contact us for more information:

Financial Aid Office | Building 1600, Room 1650 | Livermore, CA 94551 | Ph: (925) 424-1580



LAS POSITAS  
COLLEGE



INVEST IN *you*

Nothing should stand in the way of your future. That's why financial aid is available to most students who need it. Get help paying for college costs like tuition and books to help you reach your educational and career goals.

- Learn within your budget
- Earn more with a degree
- Get the money to pay for the education you deserve

**YOU CAN AFFORD COLLEGE!**

# ACADEMIC CALENDAR

## Registration Dates for SUMMER/FALL 2023

April 24.....	STATE MANDATED - CalWORKs, DSPS, EOPS/CARE, Foster Youth, Homeless, Student-Parent and Veterans begins
April 26.....	COLLEGE PRIORITY - Student Athletes, Student Government Officers, International Students, Puente Students, and Umoja Students begins
April 27.....	Continuing students with <u>3 Core Services completed</u> begins
April 29.....	New Hawk Day (early registration)
May 1.....	New students with <u>3 Core Services completed</u> begins
May 1.....	Returning students with <u>3 Core Services completed</u> begins
May 3.....	Continuing students who <b>have not</b> completed the <u>3 Core Services</u> begins
May 5.....	Students on probation, dismissed status, or those who have completed 100 or more degree applicable units at LPC or Chabot College
<b>May 5.....</b>	<b>OPEN REGISTRATION</b>
May 15.....	Special Admit/Concurrent high school students

### CONCURRENT ENROLLMENT APPLICATION DEADLINE

March 13 - May 12, 2023.....	Accepting High School Concurrent Enrollment Applications for Summer 2023
March 13 - July 28, 2023.....	Accepting High School Concurrent Enrollment Applications for Fall 2023

## SUMMER 2023 Sessions

May 30 - June 29.....	1 <sup>st</sup> 5-week session
June 12 - Aug 3.....	8-week session
June 19.....	Holiday - Juneteenth Observance (college closed)
June 20 - July 27.....	6-week session
July 3 - Aug 3.....	2 <sup>nd</sup> 5-week session
July 4.....	Holiday - Independence Day Observance (college closed)
July 20.....	Deadline to file for an Associate Degree and/or Certificate of Achievement
August 3.....	Last day of Summer session
August 7.....	Instructors: Summer 2023 grades due by 11pm via CLASS-Web
Week of Aug 14, 2023.....	Students: Summer 2023 grades available via CLASS-Web

## FALL 2023 Semester Calendar (DATES APPLY TO FULL-TERM CLASSES ONLY)

August 14.....	Convocation Day
August 15.....	College Day
<b>August 16.....</b>	<b>Fall semester begins (full-term classes only)</b>
August 16.....	Associate Degree and/or Certificate of Achievement filing period begins through October 20
August 19.....	Instruction begins for Saturday classes
September 1.....	Last day to ADD/DROP with No Grade-of-Record (NGR) - <b>In-Person</b> (full-term classes only)
September 2.....	College closed - no Saturday classes
September 4.....	Last day to ADD/DROP with No Grade-of-Records (NGR) - <b>Online</b> via CLASS-Web (full-term classes only)
September 4.....	Holiday - Labor Day (college closed)
September 5.....	CENSUS date (full-term classes only)
October 19.....	Flex Day (all classes scheduled before 4:00pm canceled; however, classes beginning after 4:00pm will meet as scheduled)
October 20.....	Deadline to apply for an Associate Degree and/or Certificate of Achievement
November 9.....	Last day to WITHDRAW with a "W" - <b>In-Person</b> (full-term classes only)
November 10.....	Holiday - Veterans Day (college closed)
November 12.....	Last day to WITHDRAW with a "W" - <b>Online</b> via CLASS-Web (full-term classes only)
November 22 - 25.....	Holiday - Thanksgiving Recess (college closed) (no Saturday classes)
December 9.....	Last day of Saturday classes
December 12.....	Last day of Instruction
December 12.....	Last day to request Pass/No Pass (full-term classes only)
December 13 - 19.....	Final Examination Period
December 16.....	Final Exams for Saturday classes
December 20 - January 1, 2024.....	Holiday - Winter Recess - No Instruction
January 2, 2024.....	Instructors: Fall 2023 grades due by 11pm via CLASS-Web
Week of January 8, 2024.....	Students: Fall 2023 grades available via CLASS-Web

### FALL 2023 Drop for Non-Payment Deadline

Students who register for Fall classes between April 24 - May 29, 2023.....	<b>Must Pay by</b> June 7, 2023
<b>Drop for non-payment will be processed on June 8, 2023.</b>	
Students who register for Fall classes between May 30 - July 7, 2023.....	July 19, 2023
<b>Drop for non-payment will be processed on July 20, 2023.</b>	

# REGISTRATION DATES - SUMMER/FALL 2023

Your registration priority group and registration date are determined by the completion of the Three Core Services (Orientation, Assessment, and Student Educational Plan), the number of units completed and in-progress at Chabot-Las Positas Community College District, and maintaining good academic standing.

*The registration date shown below is the first day that a student is eligible to register for classes based on their priority group. Students may continue to register for classes any day after their priority registration date.*

STUDENT STATUS	CRITERIA FOR GROUP	REG DATE
<b>CalWORKs</b> <b>DSPS</b> <b>EOPS/CARE</b> <b>Foster Youth</b> <b>Homeless</b> <b>Student-Parent</b> <b>Veterans</b>	<b>STATE MANDATED PRIORITY GROUPS</b> <ul style="list-style-type: none"> <li>• Must complete all 3 Core Services</li> <li>• Must be in good academic and progress standing</li> <li>• Must have less than 100 degree applicable units</li> </ul>	<b>April 24</b>
<b>Student Athletes</b> <b>Student Government Officers</b> <b>International Students</b> <b>Puente Students</b> <b>Umoja Students</b>	<b>COLLEGE PRIORITY GROUPS</b> The only students in this priority group are noted in the left column. <ul style="list-style-type: none"> <li>• Must complete all 3 Core Services</li> <li>• Must be in good academic and progress standing</li> <li>• Must have less than 100 degree applicable units</li> </ul>	<b>April 26</b>
<b>Continuing Students</b> who <b>COMPLETED</b> all 3 Core Services	<b>CONTINUING STUDENT REGISTRATION SCHEDULE</b> Priority registration date is based on the following: <ul style="list-style-type: none"> <li>• Completion of all 3 Core Services</li> <li>• Good academic and progress standing</li> <li>• Must have less than 100 degree applicable units</li> <li>• <b>And total units</b> completed (including in-progress units)                             <ul style="list-style-type: none"> <li>• 60 - 99.9 units will register on April 27, 2023</li> <li>• 45 - 59.9 units will register on April 27, 2023</li> <li>• 30 - 44.9 units will register on April 28, 2023</li> <li>• 15 - 29.9 units will register on April 28, 2023</li> <li>• 0.5 - 14.9 units will register on April 28, 2023</li> </ul> </li> </ul>	<b>April 27 - 28</b>
<b>New Hawk Day</b>	<b>EARLY REGISTRATION EVENT</b>	<b>April 29</b>
<b>New Students</b>	<b>NEW STUDENTS</b> eligible for this registration date are: <ul style="list-style-type: none"> <li>• Students who have completed all 3 Core Services</li> <li>• Students enrolled in less than 0.5 units</li> </ul>	<b>May 1</b>
<b>Returning Students</b>	<b>RETURNING STUDENTS</b> are eligible for this registration date if they: <ul style="list-style-type: none"> <li>• Completed all 3 Core Services</li> <li>• Are in good academic and progress standing</li> <li>• Have less than 100 degree applicable units</li> </ul>	<b>May 1</b>
<b>Continuing Students</b> who <b>HAVE NOT</b> completed all 3 Core Services	<b>CONTINUING STUDENTS</b> are eligible for this registration date if they: <ul style="list-style-type: none"> <li>• <b>Have not</b> completed all 3 Core Services</li> <li>• Are in good academic and progress standing</li> <li>• Have less than 100 degree applicable units                             <ul style="list-style-type: none"> <li>• CalWORKs, DSPS, EOPS/CARE, Foster Youth, Homeless, Student-Parent and Veterans will register on May 2, 2023</li> <li>• Student Athletes, Student Government Officers, International Students, Puente Students, and Umoja Students will register on May 2, 2023</li> <li>• 30 - 99.9 units will register on May 3, 2023</li> <li>• 0.5 - 29.9 units will register on May 4, 2023</li> </ul> </li> </ul>	<b>May 2 - 4</b>
<b>Students on Probation/Dismissal</b>  <b>Excessive Units</b>	<ul style="list-style-type: none"> <li>• Students who have been on Academic and/or Progress Probation for two consecutive semesters and/or have been placed on Academic and/or Progress Dismissal</li> <li>• Students with over 100 degree-applicable units</li> </ul>	<b>May 5</b>
<b>OPEN REGISTRATION</b> All Students (except High School Concurrent Enrollment Students)	Open Registration begins for students: <ul style="list-style-type: none"> <li>• Who <b>have not</b> completed all 3 Core Services</li> <li>• Admitted to the College after all groups have registered</li> </ul>	<b>May 5</b>
<b>Concurrent Enrollment</b>	Concurrent Enrollment Registration Begins High School students (grades 9 - 12) applying for Summer/Fall 2023	<b>May 15</b>



# STEPS TO SUCCESS



STEP 01

Apply For Admission.



STEP 02

Apply For Financial Assistance.



STEP 03

Complete An Online Orientation.



STEP 04

Complete Placement and or Assessment



STEP 05

Complete Your Student Education Plan.



STEP 06

Register For Classes.  
Pay Fees!

Enroll Now: <http://www.laspositacollege.edu/stepstosuccess/newstudent.php>



# Las Positas College *Mini-Market*



**Hours of Operation:**  
**MWTh: 9 a.m.-5p.m.**  
**Tu:9a.m.-7p.m.**  
**F: 9a.m.-12p.m.**

**What the Mini-Market  
Offers:**  
Food  
Hygienic Products  
Cleaning Supplies  
Diapers & Wipes

**Located in the Welcome  
Center Building 1600**

# ADMISSION INFORMATION

## WHO MAY ATTEND LAS POSITAS COLLEGE

Admission is open to anyone who is:

- 18 years of age or older; or
- A high school graduate or completed a high school equivalency test, General Education Degree (GED) or California High School Proficiency Exam;
- A high school student currently enrolled in 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> grade may participate in the Concurrent Enrollment Program.

## HOW TO APPLY FOR ADMISSION

Apply online at [www.laspositascollege.edu](http://www.laspositascollege.edu)

You will be asked to create an account on CCCApply before being directed to the application. After the application has been received, you will be sent an email confirmation with additional information. You will also receive a student identification number (which begins with a "W"). Use this number to conduct all college business and access college services. You may also log into CLASS-Web to obtain your "W" student identification number.

## COMMUNICATION VIA ZONEMAIL ACCOUNT

All admitted students are given a student email account through The Zone web portal. All messages from the College are sent to this account. Registration dates will be emailed to your ZONEmail account. As you complete your 3 Core Services, you may be eligible for an earlier registration date than previously assigned. Please check your ZONEmail regularly for important notices from the College.

- Go to [www.laspositascollege.edu](http://www.laspositascollege.edu)
- Click on "The ZONE"
- User ID: use your W number  
PIN: Same six-digit pin used for CLASS-Web
- Log in and click "What is my college/district email address?" link under "Quick Check"
- Click the Email icon and log in with the email as your username, and password (same six-digit pin used for The ZONE and CLASS-Web)

Instructions on "how to forward your ZONEmail" to your personal email are located on page 12. In addition to registration date notifications, students will also receive waitlist information, instructor emails, Financial Aid notifications, and general College information.

STUDENT DEFINITIONS	
NEW STUDENT	You are a new student if you have never registered in classes at LPC. Apply online.
RETURNING (FORMER) STUDENT	You are a returning student if you have <u>not</u> attended LPC during the past two semesters. Reapply online.
CONTINUING STUDENT	You are a continuing student if you have attended LPC during at least one of the two most recent semesters. Do not reapply.
CONCURRENT ENROLLMENT STUDENT	You are currently a high school student enrolled in grade 10, 11, or 12. An admission application and supplemental paperwork is required for each semester/term of attendance.

## ENROLLMENT STATUS BASED ON UNIT LOAD

Full-time student	Registered for 12 or more units
Three-quarter student	Registered for 9.0 to 11.5 units
Half-time student	Registered for 6.0 to 8.5 units
Less than half-time student	Registered for 0.5 to 5.5 units
Noncredit only student	Registered for 0.0 units

## RESIDENCY

For purposes of determining enrollment fees, students are identified as either residents or nonresidents.

### Residents:

Those who have lived in California as legal residents for at least one year and one day prior to the first day of a new semester/term and who can demonstrate intent to remain a California resident. Noncitizens who meet residency requirements and who desire to enroll as a California resident must provide documentation.

### Nonresidents:

Those who do not meet the California resident requirements. In addition to the enrollment fee, nonresident students are required to pay nonresident tuition. For further information concerning residence status, please contact the Admissions and Records Office.

## NONRESIDENT TUITION EXEMPTION (VACA)

Military veterans may be eligible for a tuition exemption based on VACA (Veterans Access, Choice and Accountability Act) criteria. Veterans who qualify for Chapter 30 or Chapter 33 GI Bill, who live in California and enroll from active duty service of 90 days or more may be eligible for exemption of payment of nonresident tuition. For additional information, please contact the Veterans First Program.

## NONRESIDENT TUITION EXEMPTION (AB540)

A California Nonresident Tuition Exemption may be granted to certain nonresident students who meet the exemption requirements set forth in Assembly Bill 540. To be eligible, students must have attended high school in California for three or more years, or attainment of credits earned in California from a California high school equivalent to three or more years of full-time high school coursework and a total of three or more years of attendance in California elementary schools, California secondary schools, adult schools, or a combination of those schools. In addition, students must have graduated or will graduate from a California high school or obtained a certificate or General Education Development (GED), High School Equivalency Test (HiSET), or Test Assessing Secondary Completion (TASC), or attainment of an AA degree from a California Community College, or fulfillment of the minimum requirements to transfer to a UC or CSU. Students must also complete an affidavit to legalize immigration status as soon as possible, if applicable. For additional information contact the Admissions and Records Office.

## NONRESIDENT TUITION EXEMPTION (REFUGEES AND SPECIAL IMMIGRANT VISA HOLDERS)

In 2017, the California Legislature enacted Assembly Bill 343, which established a new exemption from nonresident tuition for refugees with special immigrant visas (SIVs). For additional information, contact the Admissions and Records Office.

# ADMISSION INFORMATION

## NONRESIDENT TUITION EXEMPTION (CH 31 – VOCATIONAL REHABILITATION AND EMPLOYMENT)

Out-of-state student Veterans under chapter 31, Vocational Rehabilitation and Employment (VR&E), will be charged the resident rate, effective after Spring 2019 semester.

## NONRESIDENT TUITION EXEMPTION (CONCURRENT ENROLLMENT)

Concurrently enrolled students (high school students enrolled in college classes) who are classified as nonresident students for tuition purposes may be eligible for the Senate Bill 2364 waiver of nonresident tuition while still in high school.

Students must be special admit part-time (enrolled in 11 units or less) students who currently reside in California and are attending high school in California. Students wishing to take advantage of this exemption should complete a nonresident exemption form and provide a copy of high school transcripts showing current enrollment. Documentation should be submitted to the Admissions and Records Office.

## INTERNATIONAL STUDENTS

Las Positas College is authorized under federal law to enroll nonimmigrant alien students (F-1 and M-1 visa). Students seeking admission to Las Positas College must complete an international student supplemental application packet and submit academic transcripts or certificates, TOEFL or IELTS exam results and evidence of financial support and health examinations. Information on specific language proficiency requirements and amount of adequate financial support may be found on the college website. Las Positas College will make every effort to advise prospective international students of their admission status as soon as possible after receiving the required documents. International students are encouraged to apply as far in advance of the desired entry date as possible to allow sufficient time for application processing and other arrangements. Contact the International Student Program for more information.

## MIDDLE COLLEGE

Middle College is an alternative education collaboration between Las Positas College and the Tri-Valley Regional Occupational Program. Middle College provides high school students from Dublin, Livermore, and Pleasanton an opportunity to begin taking college courses while still enrolled in high school. Juniors and Seniors take classes at Las Positas College (up to 11 units per semester) and there is no cost to the student for materials, enrollment fees, or tuition. Middle College is an excellent opportunity for high school students to complete curriculum required for high school graduation, get started on their college education, and begin to prepare for the workforce. Additional information is found on the college website. An application process for Middle College is open to students in the three Tri-Valley ROP districts: Dublin Unified School District, Livermore Valley Joint Unified School District, and Pleasanton Unified School District. The application process opens mid-January for the following school year.

## CONCURRENT ENROLLMENT PROGRAM

Las Positas College provides opportunities for students in 9th, 10th, 11th, and 12th grades to enroll in college-level, degree-applicable courses. Students in or entering 8th grade may be admitted through special agreements between Las Positas College and school districts.

## ELIGIBILITY

1. Must be recommended by their high school principal, or designee.
2. Must have written parental permission.

**NOTE:** *Concurrent Enrollment students are not allowed to enroll in basic skill courses (English 100 level, all ESL courses, Math 100 level) (Ed. Code 48800).*

## CONCURRENT ENROLLMENT ADMISSION CHECKLIST

1. Complete the online Admission application and print the confirmation page for your records.
2. Fill out the **REQUIRED** Concurrent Enrollment Recommendation Form through AdobeSign. Paper copies will not be accepted.
3. Students attending home school should also submit a copy of their R4 Affidavits. (CA Ed Code, section 33190).
4. You must consult the College Catalog to determine if any requested classes have prerequisites. All prerequisites must be completed and cleared prior to registration. For more assistance with prerequisites, visit the Counseling Office.

**IMPORTANT:** *Students who wish to enroll in English and/or Math must still take the Assessment test or clear the prerequisite via Counseling. Visit the Assessment Center website for more information.*

## HIGH SCHOOL CONCURRENT ENROLLMENT REGISTRATION

for the Summer/Fall 2023 term begins:

**May 15, 2023**

*Students may begin submitting all required documentation through AdobeSign on the dates listed below:*

**March 13 - May 12, 2023** – Accepting High School Concurrent Enrollment Applications for SUMMER 2023

*After May 12, the High School Concurrent Enrollment program for the Summer 2023 term will be closed.*

**March 13 - July 28, 2023** – Accepting High School Concurrent Enrollment Applications for FALL 2023

*After July 28, the High School Concurrent Enrollment program for the Fall 2023 term will be closed.*

**NOTE:** *Concurrently enrolled students will be permitted to enroll in a maximum of 11 units per semester (Fall and Spring), and a maximum of 6 units for Summer. Students will be treated as regular college students and are expected to comply with all college rules and regulations.*

Documentation received after the established deadline is not guaranteed to be accepted for enrollment. Once your packet is processed, an email will be sent with registration information. All students are strongly advised to complete assessments. High School students must complete an online application and the required concurrent enrollment materials each semester and must have a high school grade point average (GPA) of 2.0 or higher.

## FEES

Enrollment fees are waived for students in the Concurrent Enrollment Program. However, the Student Rep Fee (\$2.00), the Health Services Fee (\$21 for Fall and Spring, \$18 for Summer), and the Transportation fee (\$8 or \$9 for Fall and Spring) are mandatory. International, nonresident, and out-of-state students will be assessed tuition of \$360 + \$46 = \$406 per unit. Materials fees apply to some classes.



# COURSE REGISTRATION PROCEDURES

## ADDING CLASSES

1. Go to [www.laspositascollege.edu](http://www.laspositascollege.edu)
2. Login to CLASS-Web
3. Select the Student Services tab
4. Click the Registration link
5. Click the Add/Drop or Withdraw from Classes link
6. Select the term and click the Submit button
7. Enter the course registration number (CRN)
8. Click the Submit Changes button

## WAITLIST

Students may reserve a space on the waitlist for courses that are closed due to reaching their maximum enrollment limit. During registration, students will be automatically prompted to sign up for the waitlist if the class is closed.

Students cannot add themselves to the waitlist if one of the following conditions exist:

- a. Course prerequisites/corequisites not met;
- b. Registration holds;
- c. Waitlist class overlaps in time with classes already registered for;
- d. Already on a waitlist for the same class. (However, students may add themselves to waitlists for different classes); or
- e. Adding to the waitlist exceeds the maximum unit load of 18 units.

## WAITLIST NOTIFICATIONS

All notifications for waitlist will be emailed to the student's Zonemail account. If a seat becomes available for a course, the student at the top of the waitlist receives a notification email to register for that class within 72 hours. If the student does not take action before the stated expiration date and time, the student loses their spot to the next student on the waitlist and is removed from the waitlist.

## ADD AUTHORIZATION NUMBERS

The Add Authorization Number reserves your seat in the class and it is only valid before the census date. Please check the academic calendar. If you miss the course add deadline, you will need to contact your instructor and ask to be added. Your instructor will then submit a late add request online directly to the Admissions and Records office.

Students who are on the waitlist and wish to add should attend the first day of class. Instructors will issue add authorization numbers to students in the order that they appear on the waitlist. After waitlist students have been accommodated, the instructor may add any remaining students by priority number.

Students who have received an add authorization number from the instructor may then enter the 6-digit add code via CLASS-Web or The Zone. The student must add the class by the add deadline (see Academic Calendar).

## HOW COURSE "ADD" PRIORITY IS DETERMINED

Only the last four digits of the priority number are considered by an instructor at the beginning of each course when determining "add" priority for additional students. The "add" priority number for new students will be zero for their initial semester of enrollment. Students may attempt to add into open

classes during the add period at the beginning of a term or semester. Students are generally added from highest to lowest priority number.

Instructors will issue add authorization numbers to students in the order that they appear on the waitlist. After waitlist students have been accommodated, the instructor may add any remaining students by priority number.

## LATE REGISTRATION

*(First two weeks of semester)*

If you were unable to submit your application and register for classes before the semester begins, you will need to complete the following:

1. **Submit an application online;**
2. **Attend class (Do not wait for your application to be processed);**
  - Obtain an ADD AUTHORIZATION NUMBER from the instructor. Be sure to have your priority number available. Reminder: If there is space available, instructors will add according to waitlist priority before issuing adds to non-waitlisted students.
3. **Register**
  - Enter the 6 digit number on CLASS-Web when prompted to do so in the registration menu.

Refer to the "Late Start" section for available courses. ADD/DROP dates for these courses may vary from full term courses.

## STUDENT ID CARD

All students are required to carry a valid photo identification card with current validation sticker. This card is essential for use of library, computer lab, bookstore, Wheels (bus transportation) and other campus services. Cards may be obtained at Admissions and Records, Building 1600.

## COMMON REGISTRATION ERROR MESSAGES

EXCESS UNITS	Students are eligible to take up to 18 units. If a student wishes to take more than 18 units he/she must consult with a Counselor.
CLASS OVERLAP	Students may be permitted to enroll in two classes that meet during any part of the same hour with approval from the instructor, but only if a class overlaps with another class for 15 minutes or less. The class overlap approval form is accessible on the LPC website under the Admissions & Records page. The form must be filled out by the instructor and signed by the appropriate Dean. The Division Dean will forward the completed form to the Admissions and Records Office. If approved, the Admissions & Records Office will notify and advise the student to register in the class.
REPEAT LIMIT EXCEEDED	The student must consult with the Counseling Department.
PREREQUISITE NOT MET	The student must consult with the Counseling Department.

# ZONEMAIL INFORMATION



## Here are three ways **ZoneMail** keeps you connected

1

Check your **ZoneMail** often, especially during registration periods and the beginning of each semester. You can also forward your **ZoneMail** to your personal email.

2

All the important information you need about your experience at LPC will be sent to your student email:

- Registration
- Financial aid
- Student deadlines
- Emergency alerts
- Waitlist

3

You may check your student email on campus. Simply sign up for **ZoneMail** OR forward to your personal email:  
<http://laspositascollege.edu/ZoneInfo/index.php>

**STAY INFORMED, FOLLOW US:**  
[WWW.LASPOSITASCOLLEGE.EDU](http://WWW.LASPOSITASCOLLEGE.EDU)

 LAS POSITAS COLLEGE  
 @LPCOFFICIAL

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 LAS POSITAS COLLEGE

**NEED HELP? ASK THE HELPZONE!** Call (925) 424-1710 or send email to [helpzone@clpccd.org](mailto:helpzone@clpccd.org)

# ENROLLMENT POLICIES & PROCEDURES

## OPEN COURSE POLICY

In accordance with District Policy, all classes are open to enrollment and participation by any person who meets the academic prerequisites of the class and who is otherwise eligible for admission to Las Positas College.

## CLOSED AND CANCELLED CLASSES

Any class may be closed to further registration when it reaches the maximum size. Additionally, if registration is insufficient in any class, it may be cancelled.

## DROPPING CLASSES (“NGR”) AND CLASS WITHDRAWAL (“EW”, “W”)

Students are responsible for dropping or withdrawing from classes. Failure to follow the withdrawal procedures may result in a grade of “F” or “NP”.

### (“NGR”) No Grade of Record

Students who drop on or before the NGR (No Grade of Record) deadline date will not have a notation/grade appear on their academic record. Students may apply for a refund through the Admissions and Records Office. For course cancellations, students may be eligible for a refund.

### (“EW”) Excused Withdrawal

Excused Withdrawal occurs when a student is permitted to withdraw from a course(s) due to specific events beyond the control of the student affecting his or her ability to complete a course(s). Upon consultation with the course faculty and verification of these conditions or reviewing documentation substantiating the condition, an excused withdrawal symbol may be assigned “EW.” The “EW” shall not be counted in progress probation and dismissal calculations.

### (“W”) Withdrawal

Class withdrawals that occur after the NGR drop period and prior to the “W” (Withdrawal) deadline date will result in a “W” notation on the student’s academic record. Students are subject to all course fees and/or tuition. “W” grades do not affect the student’s grade point average (GPA). However, excessive “W” notations may result in poor progress or dismissal status and may affect financial aid, athletic eligibility, and/or priority registration.

Note: Instructors have the option of dropping students who: (a) do not attend either of the first two class meetings; or (b) have excessive absences of four consecutive or six cumulative hours.

## REPEATING A COURSE

California regulations specify the circumstances under which a student may repeat a course per CA Ed Code §55040 - §55045.

### Procedures for Course Repetition

A “Petition to Repeat a Course” request may be submitted to the Dean of Student Services or designee for consideration when the student has been blocked due to exceeding the limit of 3 attempts. This petition is required for approval of repetitions beyond the limits noted in California regulations. An unofficial transcript and personal statement is required and

should be attached to the Petition to Repeat a Course form.

Students are advised that both the original and subsequent grade will remain on their transcript and that in transferring to another institution, they may be held responsible for all units attempted.

Please refer to the College Catalog for detailed information regarding course repetition policies and procedures.

## COURSE PREREQUISITES

A prerequisite is a requirement that must be completed prior to the registration of a course. “Prerequisite” refers to the preparation or previous course work considered necessary for success in the course. The college requires students to complete prerequisites as pre-enrollment preparation. Prerequisites, which are listed in the College Catalog, include:

1. Courses for which specific prerequisites have been validated.
2. Sequential course work in a degree-applicable program.
3. Courses in which a prerequisite is necessary for transfer to a four-year college.

## PREREQUISITE OVERRIDE POLICY

Official transcripts are not evaluated upon receipt by the Admissions and Records Office. If a student completed an equivalent course at another institution, s/he must submit a Prerequisite Override Request to the Counseling Department.

Visit the Counseling website at:

[www.laspositascollege.edu/counseling](http://www.laspositascollege.edu/counseling) for more information regarding how to meet with a counselor.

## ACADEMIC AND PROGRESS PROBATION

There are two types of probation: Academic and Progress. Students placed on probation may be required to meet with a Counselor to identify the deficiencies that created the probation status, develop success strategies needed to resolve the problem, and to develop a student educational plan for the upcoming semester.

## RE-ADMISSION FROM DISMISSED STATUS

Students who have been dismissed from Las Positas College for scholastic reasons may petition for readmission if eligible under College policy outlined in the College Catalog. After completing the online application, students must submit a “Petition for Admission from Dismissed Status” to Counseling.

## OFFICIAL COLLEGE TRANSCRIPTS

Las Positas College provides a third-party online transcript ordering system through Parchment Inc. Parchment is an efficient and accurate Transcript Ordering System created for the engaged student. Parchment also provides, many transcript delivering options to the college of a student’s choice. The Las Positas College Transcript webpage, located under the Admissions tab, provides additional information and a direct link to Parchment Inc.

Las Positas College offers two free transcripts for all students.



# ENROLLMENT POLICIES & PROCEDURES

Free transcripts take ten business days to process and are sent first class mail through the U.S. Postal Service. Once the transcript leaves our college, it is the responsibility of the USPS to deliver. Mailing is not trackable or guaranteed. Lost transcripts may result in having to request and pay for additional copies. The Las Positas College Transcript webpage, located under the Admissions tab, provides a direct link to the Transcript Request Form. All other services are provided only through Parchment Inc.

Pick up service is not available for both free and Parchment transcript orders. Unofficial transcripts are accessible through the student's Class-Web account.

## CROSS ENROLLMENT WITH CALIFORNIA STATE UNIVERSITY, EAST BAY

Students who have completed 20 transferable units at Las Positas College with a 2.0 cumulative grade point average (GPA) may be eligible to cross enroll with California State

University (CSU), East Bay while completing coursework at Las Positas College. Students may elect to cross enroll in courses at CSU East Bay which are not offered by Las Positas College including upper division courses. Students must be enrolled in a minimum of 6 units at Las Positas College and 12 units between the two campuses. For more information, contact the Counseling Department.

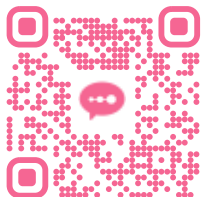
## CROSS ENROLLMENT WITH UNIVERSITY OF CALIFORNIA, BERKELEY

Students who have completed one semester as a matriculated student at Las Positas College with a 2.0 cumulative grade point average (GPA), and are currently enrolled in a minimum of six units, may be eligible to cross enroll with the University of California (UC), Berkeley. A maximum of one course per term at UC Berkeley is allowed, and enrollment is on a space available basis. Additional requirements apply. For more information, contact the Counseling Department.



Student engagement starts here.

Pronto is a **CANVAS integrated** app that allows you to communicate with faculty, classroom communities and to receive important messages from the college. Download the app to your phone, pronto!



# ORIENTATION, ASSESSMENT & STUDENT EDUCATIONAL PLAN

Welcome to Las Positas College! As part of our shared commitment to your educational success, we offer a number of programs and services to help you reach your educational goals. Three important “Core Services” that are highly encouraged for priority registration are: Orientation, Assessment, and the Student Educational Plan (SEP). Learn about each of these essential services below:

## CORE SERVICE 1: ORIENTATION

To help with your transition to LPC, an online orientation is offered for all students, including first-time college students and returning students. Within the orientation, members of the LPC community will introduce you to the school's programs, services, academic regulations, expectations, campus facilities, and student life. You will need your LPC student identification number that was assigned to you to complete the online orientation. Completion of the orientation is required to participate in priority registration at LPC. Visit <https://bw11.clpccd.cc.ca.us/> to access the online orientation at the website.

## CORE SERVICE 2: ASSESSMENT/PLACEMENT

In order to help determine the proper course placement for you to begin your educational career at LPC, all students are encouraged to complete the Guided Self Placements for Math and English. The Assessment Center also offers placement for English as a Second Language, Chemistry and Foreign Language (Spanish and French) courses. Completion of the Guided Self Placement for Math and English or assessment for English as a Second Language is required to participate in priority registration at LPC. Visit the Assessment Center homepage for more information. If you have a documented disability and require accommodations, please contact the Disability Resource Center at (925) 424-1510.

## CORE SERVICE 3: STUDENT EDUCATIONAL PLAN (SEP)

After completing your assessment, you will have the opportunity to schedule an educational planning session with a counselor to review your assessment results, to learn about your educational/career options and develop a Student Educational Plan (SEP) for your first year at LPC.

During your first semester of attendance, you are strongly encouraged to make an appointment to meet with a counselor to discuss your goals and develop a Student Educational Plan (SEP). The purpose of your SEP is to help plan the courses that are required to meet your educational goal(s). During your SEP appointment with a counselor, you will learn what courses you need, the overall time line to complete your goal, and the support services available to help you successfully achieve your goal(s). Visit the LPC homepage and search “Counseling” for counseling services offered, and available hours.

## TRACK YOUR PROGRESS WITH DEGREE WORKS

LPC offers a web-based tool to help you keep track of your educational progress! Degree Works (DW) allows you as a student to view your Student Educational Plan and confirm what courses you have completed, as well as what courses remain, toward meeting your educational objective(s). DW matches your academic and course history, as well as your current course schedule, against the degree requirements as defined in the LPC College Catalog.\* Thinking about adding a major, or changing your goal? DW also gives you the opportunity to explore “What If Scenarios,” to determine how your courses meet requirements for programs other than your current declared major. Please meet with a counselor for questions about your educational goal or to change your Student Educational Plan.

To access Degree Works, follow these steps:

1. Visit the LPC Home Page and login to CLASS-Web.
2. Once logged in, navigate to the Student Service tab.
3. Scroll down to locate the Degree Works link.

\*A degree audit created in Degree Works is not official notification of completion of degree or certificate requirements.

## ACADEMIC PROGRAMS

Las Positas College is authorized by the Board of Governors of the California Community Colleges to confer the Associate in Arts for Transfer degree, Associate in Science for Transfer degree, Associate of Arts degree, Associate of Science degree, Certificate of Achievement, Certificate of Completion, and Certificate of Competency upon students who complete the necessary requirements. The Certificate of Accomplishment is not transcribed and provides industry-based professional development. The following is a listing of academic programs currently offered at Las Positas College.

- Associate of Arts (AA)
- Associate of Science (AS)
- Associate in Arts for Transfer (AAT)
- Associate in Science for Transfer (AST)

- CA Certificate of Achievement
- CE Certificate of Accomplishment - not transcribed
- NY Certificate of Competency - noncredit
- NL Certificate of Completion - noncredit

\* Occupational programs designed for job entry; some courses are transferable to 4-year institutions

<b>Administration of Justice</b>				
21st Century Policing				CA
Administration of Justice*	AA	AS-T		
<b>Anthropology</b>				
Anthropology		AA-T		
<b>Apprenticeship Accounting Technician</b>				
Accounting Technician				CA
<b>Apprenticeship Information Security Analyst</b>				
Information Security Analyst	AS			CA
<b>Apprenticeship Marine Technology</b>				
Marine Technology Boating 101				CA
Marine Technology Yachting 101				CA
<b>Apprenticeship Reddaway Heavy Truck Driving</b>				
Reddaway Heavy Truck Driving				CA
Reddaway Heavy Truck Driving Academy				CA
<b>Art</b>				
Art: Emphasis in Painting	AA			
Studio Arts		AA-T		
<b>Art History</b>				
Art History		AA-T		
<b>Automotive Technology</b>				
Automotive Advanced Smog Technician*				NL
Automotive Alternative Fuels/Hybrid Technology*	AS			CA
Automotive Basics*				NL
Automotive Chassis*			CA	NL
Automotive Drivability*				CA
Automotive Electronics Technology*	AS			
Automotive Light Duty Diesel*	AS			CA
Automotive Master*	AS			CA
Automotive Mechanical*			CA	NL
Automotive Smog*				NL
Automotive Smog Technician*	AS			CA
Automotive Summer Camp*				NL
Concepts of Automotive Body Systems*				NL
Concepts of Automotive Chassis*				NL
Concepts of Automotive Know How*				NL
Concepts of Automotive Mechanical*				NL
Concepts of Automotive Powertrain*				NL
<b>Aviation</b>				
Drone Photography, Mapping, and Piloting				NL
<b>Biological Sciences</b>				
Biology	AA	AS-T		
Biology: Allied Health	AA			
Biology UC Pathway	AS			CA
Computational Biology*	AA			CA
<b>Business</b>				
Accounting Technician*				CA
Bookkeeping*				CA
Business Administration	AA			
Business Administration 2.0		AS-T		
Business Entrepreneurship*	AA			CA
Business Workforce Proficiency*				CA
Customer Service*				NL
Retail Management (WAFC)*				CA
Small Business Management*				NL
Supervisory Management*				CA

<b>Chemistry</b>				
Chemistry	AS			
Chemistry Education	AS			
<b>Communication Studies</b>				
Communication Studies 2.0		AA-T		
<b>Computer Information Systems</b>				
Administrative Assistant*	AA			CA
Administrative Medical Assistant*				CA
Cloud Computing*				CA
Computer Applications Software*				CA
Computer Information Systems*	AA			
Computer Information Technologist*	AS			
Data Analytics*				CA
Project Management*				CA
Web Development*				CA
<b>Computer Networking Technology</b>				
Cybersecurity and Network Administration*	AS			
Cybersecurity Professional*				CA
IT Support Professional*				CA
Network Support Professional*				CA
<b>Computer Science</b>				
Artificial Intelligence*				CA
Computer Programming*				CA
Computer Programming for the Web*				CA
Computer Science	AS			
Management Information Systems*				CA
Red Hat Administration*				CA
<b>Early Care and Education</b>				
Associate Teacher*				CA
Child and Adolescent Development*		AA-T		
Early Childhood Development*	AA			CA
Early Childhood Education*		AS-T		
Early Childhood Intervention*	AA			
Early Childhood Intervention Assistant*				CA
Elementary Teacher Education*		AA-T		
<b>Economics</b>				
Economics		AA-T		
<b>Emergency Medical Services</b>				
Emergency Medical Responder*				CE
Emergency Medical Services EMT-Paramedic*	AS			CA
Emergency Medical Technologies*				CA
<b>Engineering</b>				
Civil/Mechanical Engineering	AS			CA
Electrical Engineering	AS			CA
Electrical Engineering UC Pathway	AS			CA
Engineering	AS			CA
Engineering Technology*	AS			CA
Mechanical Engineering UC Pathway	AS			CA
Software Engineering	AS			CA
<b>English</b>				
Creative Writing				CA
English	AA	AA-T		
<b>English as a Second Language</b>				
Advanced ESL Communication Studies*				NL
ESL College Grammar Pathway				NY
ESL College Reading and Writing Pathway				NY



Vocational ESL: Retail*				NL
<b>Environmental Science</b>				
Environmental Science	AS			
<b>Environmental Studies</b>				
Environmental Studies	AA			
<b>Film Studies</b>				
Film Studies	AA		CA	
<b>Fire Service Technology</b>				
Company Officer*			CA	
Fire Academy - Fire Suppression*			CA	
Fire Officer Leadership and Management*	AS			
Fire Prevention*			CA	
Fire Service Technology*	AS		CA	
<b>Geography</b>				
Geography		AA-T		
<b>Geology</b>				
Geology		AS-T	CA	
Geology Major			CA	
<b>Global Studies</b>				
Global Studies		AA-T		
<b>Graphic Arts &amp; Digital Media</b>				
Digital Illustration*			CA	
Graphic Design*	AA		CA	
Print Design*			CA	
Web & Interaction Design*			CA	
<b>Health</b>				
Public Health Science		AS-T		
<b>History</b>				
History		AA-T		
<b>Horticulture</b>				
Horticulture*	AS			NL
Landscape Design*			CA	
Landscape Maintenance and Construction*			CA	
Nursery, Greenhouse, and Grower Operations*			CA	
Ornamental Horticulture*			CA	
<b>Humanities</b>				
Humanities	AA		CA	
<b>Interior Design</b>				
Interior Design*	AS		CA	
<b>Journalism</b>				
Journalism*		AA-T	CA	
Journalism and Media Studies	AA			
<b>Kinesiology</b>				
Athletic Training/Sports Medicine*			CA	
Fitness Trainer*			CA	
Kinesiology		AA-T		
<b>Lesbian, Gay, Bisexual, Transgender, and Queer Studies</b>				
Social Justice Studies: LGBTQ Studies		AA-T		
<b>Liberal Arts and Sciences</b>				
Arts and Humanities	AA			
Business	AA			
Computer Studies	AA			
Language Arts and Communication	AA			
Mathematics and Science	AA			
Social and Behavioral Sciences	AA			
<b>Library Studies</b>				
Basic Research Skills*				NL

<b>Marketing</b>				
Marketing*	AA		CA	
Retailing*			CA	
<b>Mathematics</b>				
College Mathematics Pathway				NY
College Mathematics Support				NY
Foundational Mathematics Pathway				NY
Math Jam Tutor Pathway				NL
Mathematics		AS-T		
<b>Music</b>				
Commercial Music: Music Business*			CA	
Commercial Music: Music Technology Fundamentals*			CA	
Commercial Music: Piano Teaching Fundamentals*			CA	
Commercial Music: Scoring for Film and Multimedia*			CA	
Commercial Music: Teaching Beginning Piano*			CA	
Commercial Music: Teaching Intermediate Piano*			CA	
Jazz Studies			CA	
Music	AA	AA-T		
<b>Nutrition</b>				
Nutrition and Dietetics		AS-T		
<b>Occupational Safety and Health</b>				
Occupational Safety and Health*	AS		CA	
Occupational Safety*			CA	
<b>Philosophy</b>				
Philosophy		AA-T		
<b>Photography</b>				
Photography*	AA		CA	
<b>Physics</b>				
Physics	AS			
<b>Political Science</b>				
Political Science		AA-T		
<b>Psychology</b>				
Psychology		AA-T		
<b>Psychology-Counseling</b>				
Social Work and Human Services*		AA-T		
<b>Sociology</b>				
Sociology		AA-T		
<b>Spanish</b>				
Spanish		AA-T	CA	
<b>Theater Arts</b>				
Acting*			CA	
Actors Conservatory*			CA	
Musical Theater			CA	
Technical Theater*			CA	
Theater Arts	AA	AA-T		
<b>University Transfer</b>				
CSU General Education Breadth			CA	
IGETC (Intersegmental General Education Curriculum)			CA	
<b>Viticulture &amp; Winery Technology</b>				
Enology*	AS		CA	
Viticulture*	AS		CA	
Wine Hospitality*			CA	
<b>Welding Technology</b>				
Welding Technology*	AS		CA	
<b>Women's Studies</b>				
Social Justice Studies: Gender Studies		AA-T		



## Las Positas College offers a wide variety of classes in the HyFlex modality.

The term "HyFlex" combines the words "hybrid" and "flexible," meaning that the classes are offered online and on campus (hybrid), but they give you the choice of how you want to attend (flexible).

### **HYBRID**

A mix of face-to-face, asynchronous, and synchronous online sessions

### **FLEXIBLE**

Learners can choose their method of participation per session

### **HYFLEX**

You get to choose how you attend your class, face-to-face or online (synchronous or asynchronous)

Learn more and check out our list of HyFlex courses:  
[laspositascollege.edu/onlinelearning/hyflex.php](https://laspositascollege.edu/onlinelearning/hyflex.php)



# Summer 2023

## Course Listings

Las Positas College will offer classes online, on-campus, and in hybrid or Hyflex modalities during Summer 2023.  
*(See pages 37 - 38 for course type descriptions)*

### SUMMER 2023 SESSION DATES

1<sup>st</sup> 5-week session ..... May 30 - June 29

8-week session ..... June 12 - Aug 3

6-week session ..... June 20 - July 27

2<sup>nd</sup> 5-week session ..... July 3 - Aug 3

Please click on the QR code below, or visit  
[https://bw11.clpccd.cc.ca.us/clpccd/2023/01/sched\\_l.htm](https://bw11.clpccd.cc.ca.us/clpccd/2023/01/sched_l.htm)  
to view the current class schedule online, and find information on  
student learning support resources, both virtual and on-campus.

Scan here to visit the  
current SUMMER 2023  
class schedule online





# SUMMER 2023 Course Listings

## Explanation of Terms used in the Course Listings on CLASS-Web

### SECTION NUMBERS

- DO\_ = On-Campus Day
- EO\_ = On-Campus Evening
- AO\_ = Asynchronous (fully online)
- SO\_ = Synchronous (online with specific meeting days/times)
- BO\_ = Both (combination of Synchronous and Asynchronous online)
- HO\_ = Hybrid (online with in-person component)
- HF\_ = HyFLEX (on-campus -or- optional online)

- AP\_ = Apprenticeship
- CO\_ = Corequisite Paired Course
- CE\_ = Credit by Exam
- FC\_ = Federal Corrections
- FSA = College Foundation
- HS\_ = High school (grant-funded)
- LC\_ = ECD Learning Community
- MO\_ = Math Jam
- PO\_ = Puente Program
- ST\_ = Alternate Instruction
- TO\_ = Technical Math: Emporium Mode
- UO\_ = Umoja Program
- VT\_ = Veteran Program
- WLC = Weekend ECD Learning Community
- XO\_ = Math Emporium Mode

### MEETING DAYS

- M/Mon = Monday
- T/Tue = Tuesday
- W/Wed = Wednesday
- R/Th/Thu = Thursday
- F/Fri = Friday
- S/Sat = Saturday
- Daily = Monday thru Friday

### ROOMS

Refer to campus map on Page 112 for room and building locations.

( \* ) indicates a course is held off-campus

All registration notices, Financial Aid, and general College information will be sent to your ZONEmail Account. Check it regularly.

### STAFF NOTATION

As courses are assigned to instructors, the updates will be posted on CLASS-Web.

### SUMMER SESSION DATES

- 1st 5-week session ..... May 30 - June 29
- 8-week session ..... June 12 - August 3
- 6-week session ..... June 20 - July 27
- 2nd 5-week session ..... July 3 - August 3

**NOTE:** Start and end dates for a course affect deadlines such as add, drop, and census. See **purple box below** for instructions on how to find these dates for each course.

### UNITS

Indicates unit value of each course.

### NON CREDIT classes are noted in GREEN

- 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.

### Important Enrollment Information

#### **Please pay close attention to course deadline dates**

These dates may vary for courses based on the start and end date of the summer session (i.e. 5-week, 6-week, 8-week sessions). Complete the following steps to check the deadline dates to add a course, drop with NGR (no-grade-of-record), get a refund, pass/no pass and withdrawal:

#### How to Check for Add, Drop NGR, Refund, Pass/No Pass and Withdrawal deadlines:

1. Log into CLASS-Web
2. Select the "Student Services" tab
3. Click the "Registration" link
4. Click the "Check Class Deadlines" link
5. Enter the CRN

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 Summer course offerings.

## AMERICAN SIGN LANGUAGE

### 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.

## ANTHROPOLOGY

### ANTR 1 BIOLOGICAL ANTHROPOLOGY 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.

*Recommended Course Preparation: Eligibility for ENG 1A*

## 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.

## ART - HISTORY

### ARHS 1 INTRO TO ART HISTORY 3.0 Units

Architecture, sculpture, painting, photography and design in relation to human inventiveness in providing for material and aesthetic needs. This course provides a general introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to the visual arts across time and diverse cultures.

*Recommended Course Preparation: Eligibility for ENG 1A*

### ARHS 2 ART OF THE ANCIENT AMERICAS 3.0 Units

Survey of visual culture within the historical context of select ancient civilizations in Mexico, Central American, and South America up to European contact.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

## ASTRONOMY

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

Introduction to laboratory principles and techniques in astronomy. Includes: observational techniques such as naked eye, binocular, and telescopic identification of stars, planets, constellations, and deep sky objects; telescope operation and imaging; spectroscopy, motions of the sun, moon and planets.  
*Prerequisite: ASTR 31 or ASTR 32 with a minimum grade of C (May be taken concurrently)*

### ASTR 32 INTRO TO ASTRONOMY: STARS & UNIVERSE 3.0 Units

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

## BIOLOGICAL SCIENCES

### 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 ZOOL 1.)

*Prerequisite: Intermediate Algebra or a higher level of mathematics.*

*Recommended Course Preparation: BIO 30 with a minimum grade of C*

### BIO 7A HUMAN ANATOMY 5.0 Units

Structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health related majors.

*Prerequisite: BIO 30 or BIO 1B and BIO 1C (all with a minimum grade of C). Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method. Eligibility for college-level mathematics as determined by college assessment or other appropriate method.*

### BIO 7B HUMAN PHYSIOLOGY 5.0 Units

Function and regulation of the human body. This course examines general, cellular, and molecular interactions that integrate the organ systems to maintain homeostasis. Human responses and computer simulations are used to collect and analyze data. Designed for nursing, physical and occupational therapy, and other health sciences majors.

*Prerequisite: CHEM 1A or CHEM 30A or CHEM 31; BIO 7A and BIO 30, or BIO 1B and BIO 1C (all with a minimum grade of C)*

*Recommended Course Preparation: CHEM 30B with a minimum grade of C. Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method. Eligibility for college-level mathematics (MATH 1, 2, 3, 5, 7, 10, 27, 30, 33, 34, 39, 40, 47) as determined by college assessment or other appropriate method.*

**BIO 7C MICROBIOLOGY 5.0 Units**

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

*Prerequisite: BIO 30 or BIO 1B and BIO 1C; CHEM 1A or CHEM 30A or CHEM 31 (all with a minimum grade of C)*

*Recommended Course Preparation: BIO 7A with a minimum grade of C. Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method. Eligibility for college-level mathematics (MATH 1, 2, 3, 5, 7, 10, 27, 30, 33, 34, 39, 40, 47) as determined by college assessment or other appropriate method.*

**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.)

**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.

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

Introduction to environmental issues from a scientific perspective, focusing on physical, chemical, and biological processes within the Earth system, the interaction between humans and these processes, and the role of science in finding sustainable solutions. Topics include ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management.

*Recommended Course Preparation: Eligibility for ENG 1A*

## 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 and comparing it to international financial reporting standards, preparation and analysis of the classified financial statements for merchandising and service companies. Also includes issues related to recording and valuation of assets, liabilities, equities and cashflow, recognition of revenues, expenses using effective internal controls and ethical standards.

**BUSN 18 BUSINESS LAW 4.0 Units**

A study of the legal environment of business. Covering laws and regulations impacting business transactions. Introduction

to the legal process. Topics include sources of legal concepts and ethics, torts, contracts, UCC, warranties, product liability, consumer financial transactions, environmental, competition, agency, employment and labor, business organizations, and judicial and administrative processes.

*Recommended Course Preparation: BUSN 40, ENG 1A or ENG 1AEX, or ESL 1A (all with a minimum grade of C)*

**BUSN 40 INTRODUCTION TO BUSINESS 3.0 Units**

A multidisciplinary examination and introduction to business operations within the U.S. and internationally. Provides an overview of global economic systems, business formations, business ethics and laws, general accounting practices and financing, facility location and layout, production, organizational structures and management functions. Fundamentals of risk management, marketing, human resources, and employee motivation are covered. Demonstrates how culture, society, and external business environments impact a business' ability to achieve its organizational goals.

*Recommended Course Preparation: Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method*

## 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.*

**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 with a minimum grade of C*

**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.

*LPC Prerequisite: MATH 110 or NMAT 210 with a minimum grade of C  
Chabot Prerequisite: MTH 65, MTH 65B or MTH 65L or MTH 53 or MTH 53B (completed with a grade of "C" or higher)*



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**CHEM 31 INTRO TO COLLEGE CHEMISTRY 4.0 Units**

Elementary concepts of chemistry with emphasis on mathematical calculations; includes nomenclature, stoichiometry, atomic structure, gas laws, and acids and bases. Designed for majors in science and engineering.

*Prerequisite: Mathematics 55 or 55B (completed with a grade of "C" or higher).*

## COMMUNICATION STUDIES

**CMST 1 FUNDAMENTALS PUBLIC SPEAKING 3.0 Units**

Theory and techniques of public speaking. Discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches including informative and persuasive speeches; includes developing the faculties of critical listening and problem solving.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

**CMST 10 INTERPERSONAL COMMUNICATION 3.0 Units**

Exploration, discussion, and evaluation of the principles of the verbal and non-verbal communication process in relationships. Study of theory and research findings and their application to communication in interpersonal relationships in personal and professional contexts.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

## COMPUTER INFORMATION SYSTEMS

**CIS 50 INTRO TO COMPUTING INFO TECH 3.0 Units**

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

## COMPUTER NETWORKING TECHNOLOGY

**CNT 51 COMPTIA 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.

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

## COMPUTER SCIENCE

**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.

## EARLY CARE AND EDUCATION

**ECE 56 CHILD GROWTH AND DEVELOPMENT 3.0 Units**

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

**ECE 62 CHILD, FAMILY AND COMMUNITY 3.0 Units**

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

## 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.

*Prerequisite: MATH 55 or MATH 55B and ENG 104 with a minimum grade of C*

**ECON 2 PRINCIPLES OF MACROECONOMICS 3.0 Units**

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade.

*Prerequisite: MATH 55 or MATH 55B and ENG 104 with a minimum grade of C*

**ECON 10 GENERAL ECONOMICS 3.0 Units**

Survey of the economic system of the United States, covering such macroeconomic and microeconomic topics as supply and demand, firms' output and pricing decisions, international



trade, comparative economic systems, economic growth, business cycles, fiscal and monetary policy, labor, and money banking.

## EMERGENCY MEDICAL SERVICES

### EMS 16 PARAMEDIC CLINICAL OCCUPATION 3.0 Units

Occupational work experience course that provides instruction to enhance student's knowledge of emergency care in a clinical setting. Students are provided access to adequate numbers of patients, proportionally distributed by illness, injury, gender, age, and common problems encountered in the delivery of emergency care appropriate to the level of the Emergency Medical Services Profession(s). Hospital/clinical experiences include the operating room, recovery room, intensive care unit, coronary care unit, labor and delivery room, pediatrics, and emergency department, and include exposure to an adequate number of pediatric, obstetric, psychiatric, and geriatric patients.

*Prerequisite:* EMS 11, EMS 13, EMS 10 and EMS 12 with a minimum grade of C

### EMS 17 PARAMEDIC CAPSTONE OCCUPATION 1.0 Units

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

*Prerequisite:* EMS 16 with a minimum grade of C

### EMS 30 EMERGENCY MEDICAL RESPONDER 3.0 Units

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

*Recommended Course Preparation:* EMS 70B with a minimum grade of C

## ENGLISH

### ENG 1A CRITICAL READING AND COMP 3.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individual's worldview and contexts from which these ideas arise. Some research required.

*Prerequisite:* ENG 104 or NENG 204 with a minimum grade of Pass or ESL 25 with a minimum grade of C

### ENG 1AEX CRITICAL READING COMP EXPANDED 4.0 Units

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

*Prerequisite:* ENG 104 with a minimum grade of P or ESL 25 with a minimum grade of C

Las Positas College

## ENGLISH FLOW CHART & GUIDED SELF-PLACEMENT

All students are required to take the English Guided Self-Placement in CLASS-Web in order to register for an English course. Students can choose either English 1A or English 1AEX, which both meet GE and transfer requirements. ENG 1AEX is the same course as ENG 1A but offers two additional hours of lab support and practice. Visit the LPC Assessment Center website for more information on English placement or ESL assessment: <http://laspositascollege.edu/assessment/>.

### TRANSFER-LEVEL ENGLISH

2.5+ GPA

English 1A  
3 Hours Lecture + 1 Hour Lab  
Per Week

OR

Any GPA

English 1AEX  
3 Hours Lecture + 3 Hours Lab  
Per Week

English 4 -or- English 7  
3 Hours Lecture  
Per Week

### LANGUAGE AND RATIONALITY

<b>A.A. REQUIREMENTS</b>	<b>6 Semester Units</b>
ENGLISH COMPOSITION	
English 1A -or- English 1AEX.....	3 Units
AND	
WRITING AND CRITICAL THINKING	
English 4 (Fiction) -or- English 7 (Non-Fiction).....	3 Units
<b>A.S. REQUIREMENTS</b>	<b>3 Semester Units</b>
ENGLISH COMPOSITION	
English 1A -or- English 1AEX.....	3 Units
<b>TRANSFER REQUIREMENTS</b>	
Students should consult CSU GE and IGETC requirements or see a counselor	

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SUMMER 2023 - COURSE LISTINGS

SUMMER 2023

**ENG 4 CRITICAL THINKING/WRITING LIT 3.0 Units**

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

*Prerequisite: ENG 1A or ENG 1AEX with a minimum grade of C*

**ENG 7 CRITICAL THINKING/WRITING 3.0 Units**

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

*Prerequisite: ENG 1A or ENG 1AEX with a minimum grade of C*

**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.

*Recommended Course Preparation: ENG 11 with a minimum grade of C and eligibility for ENG 1A.*

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

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

*Recommended Course Preparation: ENG 12A with a minimum grade of C and ENG 1A with a minimum grade of C*

**ENG 12C CRAFT OF WRITING FICTION: ADV. 3.0 Units**

Practice in writing fiction at an advanced level. Builds on the intermediate skills developed in English 12B by requiring a mastery of description, detail, character development, consistent point of view, and logical plotting that avoids cliché. Focus on achieving 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 presentation about the craft in 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; analysis and criticism of peer work and individual's own work.

*Prerequisite: ENG 12B with a minimum grade of C*

*Recommended Course Preparation: ENG 1A or ENG 1AEX with a minimum grade of C*

**ENG 32 U.S. WOMENS 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: ENG 1A with a minimum grade of C*

## ETHNIC STUDIES

**ETHS 6 INTRO TO RACE AND ETHNICITY 3.0 Units**

Racial and ethnic relations in the United States. Examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities, as well as patterns of interaction between various racial and ethnic groups. Students who have completed, or are enrolled in, SOC 3 may not receive credit.

*Recommended Course Preparation: SOC 1 with a minimum grade of C*

## FIRE SERVICE TECHNOLOGY

**FST 1 FIRE PROTECTION ORGANIZATION 3.0 Units**

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

## FRENCH

**FREN 1A BEGINNING FRENCH 5.0 Units**

This introductory level course will enable students to begin speaking, reading and writing elementary level French as well as understanding the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts.

*Recommended Course Preparation: Eligibility for ENG 1A*

## GEOGRAPHY

**GEOG 1 INTRO TO PHYSICAL GEOGRAPHY 3.0 Units**

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

**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.

## GEOLOGY

### **GEOL 1 PHYSICAL GEOLOGY 3.0 Units**

The Earth, its materials, its internal and external processes, and its development through time. Emphasis is placed on a thorough global understanding of Plate Tectonics as a framework and foundation for subsequent geologic topics and concepts. Topics include volcanoes, earthquakes and seismology, the Geologic Time Scale and the formation of the earth, rocks and minerals, hydrology, erosion, beach systems, environmental geology, glaciation, groundwater, etc. Course content includes the difference between theory and fact and the historical development of key geologic concepts. This is the foundation course for almost all subsequent geology courses for both geology majors and non-majors.

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

### **GEOL 1L PHYSICAL GEOLOGY LABORATORY 1.0 Units**

Laboratory course to supplement the physical geology lecture course. Introduction to the materials and techniques of geology. Includes minerals, rocks, topographic and geologic maps, structural geology, identification and interpretation of landforms, geologic time and relative age dating analysis, etc.

*Prerequisite: GEOL 1 or GEOL 5 or GEOL 7 with a minimum grade of C (May be taken concurrently).*

### **GEOL 5 ENVIRONMENTAL GEOLOGY: HAZARDS 3.0 Units**

Understanding and planning for the effects of natural hazards and disasters on the earth, the ecosystem and human populations. Content covers the basic natural hazard processes, where and why they occur, as well as considerations for environmental land-use planning. Environmental hazards studied include earthquakes, volcanoes, river systems (including floods and dams), landslides, coastal erosion, tsunamis, sinkholes, etc.

## GRAPHIC DESIGN & DIGITAL MEDIA

### **GDDM 3 THE HISTORY OF MODERN DESIGN 3.0 Units**

This introductory survey course focuses on the history, perception and development of design as an art form during the Twentieth Century. The students will develop an understanding of the evolution and role of the Modern Movement in society. The students will also learn about the evaluation criteria of two-dimensional and three-dimensional design objects while examining examples of architecture, industrial design, graphic design and interior design. The students will be introduced to outstanding Twentieth Century design figures and their work.

## HEALTH

### **HEA 1 INTRO TO PERSONAL HEALTH 3.0 Units**

An exploration of major health issues and behaviors in the various dimensions of health (physical, emotional, intellectual/mental, social, spiritual, and environmental). Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors.

Topics include psychological health, mental health, stress management, nutrition, exercise, weight management, chronic and infectious diseases, healthy relationships, sexual health, drug use and misuse, aging, and the health care system.

## HISTORY

### **HIST 7 US HIST. THROUGH RECONSTRUCTION 3.0 Units**

A survey of United States history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the interaction amongst and the experiences of diverse racial, ethnic and socioeconomic groups in American History, and (3) the evolution of American institutions and ideals including the U.S. Constitution, the operations of the U.S. government, and the rights and obligations of U.S. citizens under the Constitution.

### **HIST 8 US HIST. POST-RECONSTRUCTION 3.0 Units**

History of the United States from the post-Civil War period to the present. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the framework of California state and local government, and the relationship between state/local government and the federal government.

## HORTICULTURE

### **HORT 62 CALIF. NATIVE DRY LANDSCAPES 2.0 Units**

This course examines the native plant communities of California and identifies native plants suitable for the design and installation of dry landscapes in Northern California. The focus of this course is the planning, design, installation, care, and maintenance of drought tolerant landscapes, with the goal of creating more sustainable landscapes.

## HUMANITIES

### **HUMN 10 AMERICAN ARTS AND IDEAS 3.0 Units**

Humanities in the United States. Explored through major works of literature, painting, sculpture, architecture, film, music, philosophy, technology, religion, political and social institutions that reflect the values and meanings of the American cultural experience. Particular attention paid to the experience and contributions of various culture groups (African Americans, Asian-Americans, European-Americans, American Indians, and Latino Americans).

### **HUMN 28 WORLD MYTHOLOGY 3.0 Units**

Introduction to world mythology, including classical mythology, and the mythic themes recurring in literature, the visual arts, and music. Introduction to the major theories used to evaluate mythology. Exploration of myths about creation, destruction,

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gods, humans, heroes, tricksters, as well as their origins, variation, historical development, and full expression in ancient times and continued presence in the arts.

## JOURNALISM AND MEDIA STUDIES

### JAMS 2 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.

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

## KINESIOLOGY - ACTIVITY COURSES -

### KIN FJW1 FITNESS JOG WALK 1 1.0 Units

This course is an introduction to a cardiovascular activity that will benefit anyone, regardless of age or fitness level. Individualized walking programs are designed to promote general overall fitness. Jogging and walking skills will be improved through the practice of effective and technically correct movement patterns.

### KIN FJW2 FITNESS JOG WALK 2 1.0 Units

This is a progressive continuation course to Fitness Jog Walk 1. The proper technique and fundamental principles of training for this activity will be reviewed. Basic exercise physiology will be discussed. The student will be given training regimens to increase their pace, speed, distance and endurance for middle distances (i.e.) 5K - 10K. Nutritional requirements and dietary advice will be presented. Training logs will be used to document performance. Pre and post walk/jog assessments will be done to establish a baseline of conditioning and reflect increases in performance.

*Recommended Course Preparation: KIN FJW1 with a minimum grade of C*

### KIN FJW3 FITNESS JOG WALK 3 1.0 Units

This is a progressive continuation course to Fitness Jog Walk 2. The course will continue to enhance one's knowledge of using walking/jogging in competition, whether it be cross country events, local race events, fun runs or competitive recreational events. Emphasis will be on speed work, terrain training, endurance development and training for varying outdoor weather conditions. The physiological and psychological aspects of competitive activity is presented. Training regimens and performances will be documented in logs for assessment and training adjustments. Nutritional and treatment of typical chronic orthopedic injuries will be discussed. Extracurricular and off campus events will be encouraged.

*Recommended Course Preparation: KIN FJW2 with a minimum grade of C*

### KIN FJW4 FITNESS JOG WALK 4 1.0 Units

This is a progressive continuation course to Fitness Jog Walk 3. This course focuses on walking and/or jogging to enhance one's cardiovascular fitness, body composition, and overall general health. This course is ideal for the general population to begin or continue a lifetime of exercise. Walking/Jogging techniques, training intensity assessment, methods for improvement and

personal programs will be provided during the course. With consistent practice and implementing sound fitness principles provided by this course, one will benefit from participation. Proper jog/walk technique, progressive training programs, nutrition, hydration, and injury prevention will be addressed.

*Recommended Course Preparation: KIN FJW3 with a minimum grade of C*

### KIN GBW1 GUTS AND BUTTS WORKOUT 1 1.0 Units

This course will focus on improving muscle strength and endurance of the abdominals, gluteals, quadriceps, and hamstrings. Functional exercises such as squats, lunges and planks will be utilized.

### KIN GBW2 GUTS AND BUTTS WORKOUT 2 1.0 Units

This course will focus on strengthening the core and glute muscles. Students will learn how to use equipment such as steps, TRX, swiss balls, and dumbbells to increase exercise intensity.

*Recommended Course Preparation: KIN GBW1 with a minimum grade of C*

### 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.*

### 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 will be offered at a local golf range and student will be charged a minimal fee for bucket of balls to be used.*

### 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.

*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.*

### KIN GF4 GOLF 4 1.0 Units

This course will provide elite golfers with a detailed technical appreciation of the game. Furthermore, a psychological analysis of self-efficacy, arousal regulation, concentration and focus will be applied to golf.

*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.*

### 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.

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**KIN WT1 WEIGHT TRAINING 1 1.0 Units**

This course provides an introduction to weight training. Students will learn how to improve muscle strength and muscle endurance through the correct application of basic weight training principles.

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**KIN WT2 WEIGHT TRAINING 2 1.0 Units**

Weight Training 2 is a continuation course to the Basic course WTW1. The Principles of Training, Level 2 terminology and weight training biomechanics will be presented. Level 2 programs and possible variations will be applied in the prescription of the personal weight training program. The course will incorporate lectures on possible injuries and prevention in a more advanced weight training setting. Implementation of goal setting, tracking, analyzing, progressing individual programs will be included.

*Recommended Course Preparation: KIN WT1 with a minimum grade of C*

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**KIN YO1 YOGA 1 1.0 Units**

This is an introductory course exploring the principles of Hatha Yoga and how they apply to achieving lifetime fitness. Emphasis is on developing awareness of body alignment, balance, and flexibility through a series of exercises and poses. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course.

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**KIN YO2 YOGA 2 1.0 Units**

This is an intermediate Hatha Yoga course that emphasizes intense stretching, balancing, and building of muscular strength. A series of poses and breathing techniques will be practiced in order to create a more strenuous yoga experience. Emphasis will be on the principles of healthy living, along with proper posture, relaxation and meditation techniques.

*Recommended Course Preparation: KIN YO1 with a minimum grade of C*

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## KINESIOLOGY - INTERCOLLEGIATE ATHLETICS -

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**KIN 32C OFF SEASON INTER. MEN'S 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, the appropriate terminology used in basketball, and the safety procedures related to the game.

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**KIN 38A PRESEASON INTERC. MENS SOCCER 1.0 Units**

Students will work on advanced skills of soccer, such as, kicking, passing, trapping, heading and physical conditioning which are needed for controlled outdoor higher levels of soccer play, discuss and employ basic offensive and defensive strategies and tactics; use and apply the rules governing outdoor soccer play.

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**KIN 40A PRE-SEASON WOMENS VOLLEYBALL 1.0 Units**

Preseason preparation for intercollegiate competition in the sport of women's volleyball.

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**KIN 41D OFF SEASON WOMENS BASKETBALL 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.

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**KIN 48A PRE-SEASON WOMENS SOCCER 1.0 Units**

Students will practice the skills of kicking, passing, trapping and heading necessary for controlled outdoor defensive strategies and tactics; put into practice the rules governing outdoor soccer play.

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**KIN 50A PRE-SEASON INTERCOLL. SWIMMING 1.0 Units**

This course is designed to give student-athletes participating in intercollegiate swimming and diving the opportunity to enhance fitness levels and skills prior to competition season. Course content will include technique, aerobic conditioning, race specific training, and dryland/weight training.

*Recommended Course Preparation: KIN SW3 with a minimum grade of C*

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**KIN 61 WATER POLO OFF SEASON TRAINING 0.5 Units**

This course is designed to give students the opportunity to learn and apply specific conditioning skills relating to the game of Water Polo. Instruction will focus on speed, quickness, strength, and cardiovascular conditioning in the pool as they relate to the play of Water Polo. Concepts of dryland training and periodization will be discussed.

*Recommended Course Preparation: KIN WP1 and KIN SW2 with a minimum grade of C*

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## KINESIOLOGY - THEORY COURSES -

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**KIN 17 INTRO ATHLETIC TRNG/SPORTS MED 4.0 Units**

Basic taping skills, introduction to modality usage, and basic rehabilitation principles of athletic training. Designed to be preparatory for further education and a career in Athletic Training and or other Sports Medicine related fields. May include work with intercollegiate sports programs. Legal and ethical issues, professionalism, organization and administration of a sports medicine facility. This course is focused on preparing those interested in becoming Athletic Trainers and Coaches.

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**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.



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## MARKETING

### MKTG 50 INTRODUCTION TO MARKETING 3.0 Units

Marketing as a value exchange process involving all societal members; an overview of product development, pricing, placement, and promotion; Target markets including the demographic and behavioral dimensions of markets; analyses of marketing placement and pricing strategies and the social, cultural, economic, competitive and legal factors affecting marketing mix decisions.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

## MATH

- **Math Emporium Classes** ..... pg. 28
- **Lecture Classes** ..... pg. 28
- **All Concurrent Support** ..... pg. 30
- **NONCREDIT Math Classes** .....pg. 31
- **Math Pathways Flowcharts**..... 88, 89

## MATH - MATH EMPORIUM CLASSES -

### MATH EMPORIUM

The Math Emporium is a mode in which students have the ability to complete their transferrable math courses in a personalized mode. This mode allows students to self-accelerate through the material in a way that is unique to each student's needs. Students will need to complete each module's preparation material before testing and then decide when they are ready to take a test.

For more information, including technology requirements, go to the Mathematics Department website at <http://www.laspositascollege.edu/mathemporium>.

### MATH 30 COLLEGE ALGEBRA FOR STEM 4.0 Units

College algebra core concepts relating to Science, Technology, Engineering and Mathematics (STEM) and Business fields are explored, such as: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; and analytic geometry. Multiple representations, applications and modeling with functions are emphasized throughout. May not receive credit if Mathematics 20 or 45 have been completed.

*Prerequisite: Intermediate Algebra with a minimum grade of C*

*Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 201C or a 1 unit credit Math 101C for individualized, interactive support in College Algebra.*

*A TI-84 or TI-83 calculator may be required for some sections of this course.*

### 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.

*Prerequisite: Intermediate Algebra with a minimum grade of C.*

*Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 201C or a 1-unit credit Math 101C for individualized, interactive support in Trigonometry.*

*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 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: Intermediate Algebra with a minimum grade of C*

*Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 200C or a 1 unit credit Math 100C for individualized, interactive support in Statistics.*

*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 47 MATHEMATICS FOR LIBERAL ARTS 3.0 Units

An introduction to a variety of mathematical concepts for students interested in liberal arts. Intended to cultivate an appreciation of the significance of mathematics in daily life and help develop students' mathematical reasoning. Topics include personal finance, probability and statistics, logic, exponential growth, and graph theory.

*Prerequisite: Intermediate Algebra with a minimum grade of C*

*Students are strongly encouraged to enroll in a tuition-free noncredit NMAT 200C or a 1 unit credit Math 100 individualized, interactive support in Math for Liberal Arts.*

*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 - LECTURE CLASSES -

### LECTURE CLASSES

Classes taken in these modes are guided by the instructor. Refer to the online schedule for details on each course's requirements.

Students may be required to purchase internet-based software for some math classes. For information about course modalities, please visit: [www.laspositascollege.edu/math/instructionmodes.php](http://www.laspositascollege.edu/math/instructionmodes.php).

**MATH 1 CALCULUS I 5.0 Units**

An introduction to single-variable differential and integral calculus including: functions, limits and continuity; techniques and applications of differentiation and integration; the Fundamental Theorem of Calculus; areas and volumes of solids of revolution.

*Prerequisite: MATH 30 and MATH 39 or MATH 38 with a minimum grade of C*

*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 2 CALCULUS II 5.0 Units**

Continuation of single-variable differential and integral calculus. Topics covered include: inverse and hyperbolic functions; techniques of integration; polar and parametric equations; infinite sequences, series, power series and Taylor series; applications of integration. Primarily for mathematics, physical science and engineering majors.

*Prerequisite: MATH 1 with a minimum grade of C*

*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 3 MULTIVARIABLE CALCULUS 5.0 Units**

Vector valued functions, functions of several variables, partial differentiation, multiple integration, change of variables theorem, scalar and vector fields, gradient, divergence, curl, line integral, surface integral, Green's Stokes' and divergence theorem, applications.

*Prerequisite: MATH 2 with a minimum grade of C*

*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 7 ELEMENTARY LINEAR ALGEBRA 3.5 Units**

An introduction to linear algebra including: techniques and theory needed to solve and classify systems of linear equations using Gaussian elimination and matrix algebra; properties of vectors in n-dimensions; generalized vector spaces, inner product spaces, basis, norms, orthogonality; eigenvalues, eigenspaces; and linear transformations. Selected applications of linear algebra, including the use of MATLAB to solve problems involving advanced numerical computation.

*Prerequisite: MATH 2 with a minimum grade of C*

*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 30 COLLEGE ALGEBRA FOR STEM 4.0 Units**

College algebra core concepts relating to Science, Technology, Engineering and Mathematics (STEM) and Business fields are explored, such as: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; and analytic geometry. Multiple representations, applications and modeling with functions are emphasized throughout. May not receive credit if Mathematics 20 or 45 have been completed.

*Prerequisite: Intermediate Algebra with a minimum grade of C*

*Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 201C or a 1 unit credit Math 101C for individualized, interactive support in College Algebra.*

*A TI-84 or TI-83 calculator may be required for some sections of this course.*

**MATH 34 BUSINESS CALCULUS 4.0 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: Intermediate Algebra with a minimum grade of C*

*Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 201C or a 1 unit credit Math 101C for individualized, interactive support in Business Calculus.*

*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. Please consult <http://laspositascollege.edu/math/preferences.php> for information on your instructors preferences regarding materials and testing.*

**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.

*Prerequisite: Intermediate Algebra with a minimum grade of C.*

*Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 201C or a 1-unit credit Math 101C for individualized, interactive support in Trigonometry.*

*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 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: Intermediate Algebra with a minimum grade of C*

*Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 200C or a 1 unit credit Math 100C for individualized, interactive support in Statistics.*

*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 47 MATHEMATICS FOR LIBERAL ARTS 3.0 Units**

An introduction to a variety of mathematical concepts for students interested in liberal arts. Intended to cultivate an appreciation of the significance of mathematics in daily life and help develop students' mathematical reasoning. Topics include personal finance, probability and statistics, logic, exponential growth, and graph theory.

*Prerequisite: Intermediate Algebra with a minimum grade of C*

*Students are strongly encouraged to enroll in a tuition-free noncredit NMAT 200C or a 1 unit credit Math 100 individualized, interactive support in Math for Liberal Arts.*



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*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 - ALL CONCURRENT SUPPORT -

### ALL CONCURRENT SUPPORT COURSES

These Recommended Course Preparation 1-unit lab courses are aligned with your math course and designed with innovative strategies to provide math and learning support while taking a math course. Whether your math class is foundational or transfer level, the concurrent support provides assistance in understanding the content in your current math course while learning essential study skills necessary to succeed in college courses.

*These classes are offered for credit or tuition-free (noncredit), with the exception of MATH 66C, 67C, and 68C.*

#### MATH 66C SUPPORT FOR CALCULUS I 1.0 Units

This course offers structured support to students who are concurrently enrolled in Calculus I. The support course includes material to prepare students for the rigor of the calculus course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic, geometric and trigonometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite: MATH 1 - This is a one-way corequisite for Math 1. However, not everyone taking Math 1 would have to take this Math 66C concurrent support course.*

#### MATH 67C CONCURRENT SUPPORT CALCULUS II 1.0 Units

This course offers structured support to students who are concurrently enrolled in Calculus II. The support course includes material to prepare students for the rigor of the calculus course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic, geometric and trigonometric concepts, and more concurrent math course.

*Corequisite: MATH 2 - This is a one-way Corequisite for Math 2. Everyone taking this Math 67C concurrent support course must be taking a Math 2 class concurrently. However, not everyone taking Math 2 would have to take this Math 67C concurrent support course.*

#### MATH 68C CONCURRENT SUPPORT CALCULUS III 1.0 Units

This course offers structured support to students who are concurrently enrolled in Calculus III. The support course includes material to prepare students for the rigor of the calculus course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic, geometric and trigonometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite: MATH 3 - This is a one-way Corequisite for Math 3. Everyone taking this Math 68C concurrent support course must be taking a Math 3 class concurrently. However, not everyone taking Math 3 would have to take this Math 68C concurrent support course.*

#### MATH 100C CONCURRENT SUPPORT SLAM MATH 1.0 Units

Concurrent Support for SLAM Math is for students interested in disciplines that require Statistics and Liberal Arts Mathematics (SLAM) courses. This course offers structured support to

students who are concurrently enrolled in a first-level transfer course, such as Statistics and Mathematics for Liberal Arts, and Finite Mathematics. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite: MATH 40 or MATH 47 or MATH 33*

*This is a Recommended Course Preparation support course for students currently enrolled in Math 33, Math 40 or Math 47. It is designed to prepare students for the rigor of the SLAM (Statistics and Liberal Arts Mathematics) transfer-level courses and develop the learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C). There is no materials fee for this course. For more information please visit: <http://www.laspositascollege.edu/math/concurrentfaq.php>*

*This class is offered for credit (Math 100C) or for tuition-free noncredit (NMAT 200C).*

#### MATH 101C CONCURRENT SUPPORT BSTEM MATH 1.0 Units

Concurrent Support for BSTEM Mathematics is for students interested in Business, Science, Technology, Engineering and Mathematical fields. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as College Algebra, Trigonometry, and Business Calculus. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite: MATH 30 - This is a one-way Corequisite for Math 30. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 30 would have to take this NMAT 201C concurrent support course.*

*-Or MATH 39 - This is a one-way Corequisite for Math 39. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 39 would have to take this NMAT 201C concurrent support course. - Or MATH 34 - This is a one-way Corequisite for Math 34. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 34 would have to take this NMAT 201C concurrent support course.*

*This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C). There is no materials fee for this course. For more information please visit: <http://www.laspositascollege.edu/math/concurrentfaq.php>*

## MUSIC

#### MUS 1 INTRODUCTION TO MUSIC 3.0 Units

Music for enjoyment and understanding through informed listening, analysis, evaluation and discernment of musical elements, forms, and repertoire. Attendance at concerts and listening to a variety of music may be required.

#### 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.



**MUS 13 HISTORY OF ROCK AND ROLL 3.0 Units**

A cultural survey of original American music traditions, forms and trends influenced by cultural, socio-economic, socio-political and economic changes including blues, jazz, early rock, the British Invasion, rap, hip hop culture, Latino rock, heavy metal, jazz-rock fusion, electronic, modern rock, and pop.

**MUS 21A BEGINNING PIANO 1.0 Units**

Group instruction in piano for the absolute beginner with emphasis on developing technique, reading music, and performing.

*Recommended Course Preparation: MUS 6*

**MUS 21B INTERMEDIATE PIANO 1.0 Units**

Development of skills learned in Music 21A. Emphasis on further development of technique and performance.

*Prerequisite: MUS 21A with a minimum grade of C*

**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.

*Recommended Course Preparation: MUS 21B*

**MUS 31 STUDY OF PIANO 1.0 Units**

Building off of knowledge and skills from MUS 21B, MUS 31 continues development of functional piano skill for intermediate or advanced level.

*Prerequisite: MUS 21B with a minimum grade of C*

**MUS 34 MUSIC IN FILM 3.0 Units**

The class traces the history and development of film music through reading, lecture and film viewing. The class studies the process of film scoring and how music and its relationship to film have changed over the last century. Class includes discussion and evaluation of different compositional styles and learning to listen critically to film scores while viewing movies.

**MUS 37 MUSIC INDUSTRY CAREER DEV. 3.0 Units**

Career opportunities and business practices in the music industry. Focus on career options and development, artist management, unions, music merchandising, music for film and digital media, and concert promotion.

## NONCREDIT CIS

**NCIS 201 CYBERSECURITY CAMP 0.0 Units**

This course will introduce the novice to cybersecurity career opportunities, cyber ethics, online safety, and cyber threats. Students will be introduced to cybersecurity principles, virtual machines, basic Windows and Linux administration security policies, fundamental CISCO network routing and CISCO packet tracer. As a culminating activity students will compete by analyzing and fixing vulnerabilities on the provided Windows and Linux images.

**NCIS 201B CYBERSECURITY ADVANCED SKILLS 0.0 Units**

This course will build upon the intro to cybersecurity camp. Review cybersecurity career opportunities, cyber ethics,

online safety, and cyber threats. Students will build upon cybersecurity principles, virtual machines, basic Windows and Linux administration security policies, fundamental CISCO network routing and CISCO packet tracer. As a culminating activity students will compete by analyzing and fixing vulnerabilities on the provided Windows and Linux images.

## NONCREDIT MATH

**NMAT 200C CONCURRENT SUPPORT SLAM MATH 0.0 Units**

Concurrent Support for SLAM Math is for students interested in disciplines that require Statistics and Liberal Arts Mathematics (SLAM) courses. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as Statistics and Mathematics for Liberal Arts, and Finite Mathematics. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite: MATH 40 or MATH 47 or MATH 33. This is a one-way corequisite for Math 40. Everyone taking this NMAT 200C concurrent support course must be taking a Math 40, 47 or 33 class concurrently. However, not everyone taking Math 40, Math 47 or Math 33 would have to take this NMAT 200C concurrent support course.*

*This is a Recommended Course Preparation support course for students currently enrolled in Math 33, Math 40 or Math 47.*

*This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C).*

**NMAT 201C CONCURRENT SUPPORT BSTEM MATH 0.0 Units**

Concurrent Support for BSTEM Math is for students interested in Business, Science, Technology, Engineering and Mathematical fields. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as College Algebra, Trigonometry, and Business Calculus. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite: MATH 30 or MATH 39 or MATH 34 - This is a one-way corequisite. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 30 or Math 39 or Math 34 would have to take this NMAT 201C concurrent support course.*

*This is a Recommended Course Preparation support course for students currently enrolled in Math 30, Math 34, or Math 39. It is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Mathematics) transfer-level courses and develop the learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course.*

*This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C). There is no materials fee for this course. For more information please visit: <http://www.laspositacollege.edu/math/concurrentfaq.php>*

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**NMAT 202C CONCURRENT SUPPORT FOR MATH 0.0 Units**

This course offers individualized support tailored to college students seeking assistance with their mathematics coursework. Trained tutors and instructors will provide tutoring in foundational mathematics subjects. Students will also develop the study skills needed to succeed in their math classes.

**NMAT 256 GEOMETRY 0.0 Units**

Topics include congruence, similarity, right triangles, trigonometry, circles, expressing geometric properties with equations, geometric measurement and dimension, modeling with geometry, conditional probability and the rules of probability, and using probability to make decisions.

*Prerequisite: Elementary Algebra with a minimum grade of C*

*This course is intended for students in or entering high school to accelerate their math pathway.*

*A compass, protractor, and scientific calculator may be required for some sections of this course. There may be other fees associated with the class.*

**NUTRITION**

**NTRN 1 INTRO TO NUTRITION SCIENCE 3.0 Units**

Scientific concepts of nutrition related to the function of nutrients, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health.

*Recommended Course Preparation: CHEM 30A, MATH 110 with a minimum grade of C*

**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 physical creatures, and as creators of spiritual and artistic works. Philosophical texts are analyzed with special attention given to the development of skills in analysis and argumentation. NOTE: Philosophy 2 and 4 are also introductory courses and may be taken before Philosophy 1 if a more detailed examination of ethical problems, the theory of knowledge, or political philosophy is desired.

*Recommended Course Preparation: Eligibility for ENG 1A*

**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.

*Recommended Course Preparation: Eligibility for ENG 1A*

**PHIL 6 INTRODUCTION TO LOGIC 3.0 Units**

An introduction to Logic. This course is designed to develop effective reasoning skills. Valid reasoning through formal deductive logic is emphasized, but the course also covers meaning in language, fallacies, and inductive reasoning methods in philosophy, literature and the sciences.

*Recommended Course Preparation: Eligibility for ENG 1A*

**PHYSICS**

**PHYS 1A GENERAL PHYSICS I 5.0 Units**

Introduction to the principles of Newtonian Mechanics and analytical methods of physics using calculus as needed. Topics covered include vectors, kinematics, forces, energy, momentum, rotation, and gravitation.

*Prerequisite: MATH 1 with a minimum grade of C*

**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.

*Recommended Course Preparation: Eligibility for ENG 1A with a minimum grade of C*

**PSYC 3 INTRO. TO SOCIAL PSYCHOLOGY 3.0 Units**

This course will introduce theories and concepts that explain individual behavior in social settings. The topics include research methods, social perception, social cognition, beliefs, prejudice/discrimination, interpersonal relationships, aggression, and group behavior.

*Recommended Course Preparation: PSYC 1 with a minimum grade of C*

**PSYC 4 BRAIN, MIND, AND BEHAVIOR 3.0 Units**

Introduction to the field of biopsychology. The biopsychology of cognitive, perceptual, emotional, developmental, and social processes. Includes the biopsychology of personality, gender, emotions, learning, learning disabilities, drugs, neurological and developmental disorders, and mental health. Examination of information and theory for practical application.

*Prerequisite: PSYC 1 with a minimum grade of C*

**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.

**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.

**PSYCHOLOGY COUNSELING**

**PCN 10 CAREER AND EDUC. PLANNING 2.0 Units**

Exploration of the concept of career, educational and life planning focusing on personal career development through self-assessment. Emphasis on clarification of individual

interests, values, needs, abilities and decision-making styles, investigation of occupational opportunities in the world of work, and introduction to job search strategies, resume writing and interview skills. Designed for those undecided or uncertain about their career and educational plans.

**PCN 13 MULTICULTURAL ISSUES: AMERICA 3.0 Units**

Exploration of issues relating to the multicultural community in which we live today. Interpersonal relations and communication. Focus on improving individuals understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and misunderstandings. Discussion of four specific cultures or sub-cultures from the following groups: 1) African-American, 2) Asian-American, 3) Hispanic-American, 4) Native-American, 5) Middle Eastern-American, 6) European-American, 7) Gay/Lesbian American, 8) Disabled American.

**PCN 18 UNIVERSITY TRANSFER PLANNING 1.0 Units**

Introduction to the resources and planning process needed to ease transition from community college to a four-year college or university. Development of a transfer action plan. Preparation for major and general education requirements. Application cycles and important deadlines. Recommended for those transferring to four-year colleges or universities.

**PCN 30 STUDENT SUCCESS: COLLEGE EXP. 3.0 Units**

This course explores concepts, knowledge, and skills relevant to college success. Students will engage in critical analysis on a variety of topics, including motivation, decision making, interpersonal communication, multicultural awareness, and learning theory. Problem solving strategies will be applied to areas including goal setting, career development, wellness, and accessing campus resources.

## SOCIOLOGY

**SOC 1 PRINCIPLES OF SOCIOLOGY 3.0 Units**

The sociological perspective: scientific study of human interaction and society as a whole with emphasis on the impact of groups on social behavior, systematic examination of culture, social organization, and methodology.

**SOC 3 INTRO TO RACE AND ETHNICITY 3.0 Units**

Racial and ethnic relations in the United States. Examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities, as well as patterns of interaction between various racial and ethnic groups.

*Recommended Course Preparation: SOC 1 with a minimum grade of C*

## SPANISH

**SPAN 1A BEGINNING SPANISH 5.0 Units**

This introductory level course offers a balanced approach to language and culture. It will enable students to begin speaking, reading and writing elementary level Spanish as well as understanding the spoken language as they explore the culture and countries of the Spanish-speaking world. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

## THEATER ARTS

**THEA 48A TECH THEATER 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.

*Recommended Course Preparation: MATH 107 and THEA 50 with a minimum grade of C*

*This class supports the summer production, performing weekends of July 21st-22nd and 28th-29th (Friday and Saturday evenings) Tech week July 17th-20th.*

**THEA 48B TECH THEATER PROD-INTERMEDIATE 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.

*Prerequisite: THEA 48A with a minimum grade of C*

*Recommended Course Preparation: MATH 107 with a minimum grade of C*

*This class supports the summer production, performing weekends of July 21st-22nd and 28th-29th (Friday and Saturday evenings) Tech week July 17th-20th.*

**THEA 48C TECH THEATER PROD- ADVANCED 3.0 Units**

Participation in scheduled productions as assistant stage managers or assistant designers of said productions technical elements, including scenic, costume, lighting and sound design. Enrollment is for the duration of the semester. Students may participate in more than one production per semester, as needed.

*Prerequisite: THEA 48B and THEA 50L or THEA 51 or MUS 35 or THEA 52 with a minimum grade of C*

*Recommended Course Preparation: MATH 107 or MATH 107B with a minimum grade of C*

*This class supports the summer production, performing weekends of July 21st-22nd and 28th-29th (Friday and Saturday evenings) Tech week July 17th-20th.*

**THEA 48D TECH THEATER PROD-CAPSTONE 3.0 Units**

Participation in scheduled productions as manager of productions technical elements, which may include stage management, publicity management, or designer's apprentice in lighting, sound, costume, or scenic design. Enrollment is for the duration of the semester. Students may participate in more than one production or event per semester.

*Prerequisite: THEA 48C, THEA 50L or MUS 35 or THEA 51 or THEA 52 with a minimum grade of C*

**THEA 57A PERFORMANCE PROD- INTRODUCTION 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

Scan here to visit the current Summer 2023 class schedule online



the duration of the production.

*Participation in this production is through audition only. Auditions details can be found at: <http://laspositascollege.edu/theater/auditions.php>*

**THEA 57B PERFORMANCE IN PROD. BEGINNING 3.0 Units**

As a continuation of THEA 57A, students will participate in the cast of a scheduled main stage musical production. Emphasis will be on character development, objectives, and actions.

*Prerequisite: THEA 57A with a minimum grade of C (May be taken concurrently)*

*Participation in this production is through audition only. Auditions details can be found at: <http://laspositascollege.edu/theater/auditions.php>*

**THEA 57C PERFORMANCE PROD- INTERMEDIATE 3.0 Units**

This course is a continuation of THEA 57B. Student will participate in the cast of a scheduled main stage musical production. This course will focus on rehearsal technique, personal creative exploration, and ensemble building and motivated performance response.

*Prerequisite: THEA 57B with a minimum grade of C*

*Participation in this production is through audition only. Auditions details can be found at: <http://laspositascollege.edu/theater/auditions.php>*

**THEA 57D PERFORMANCE PROD- ADVANCED 3.0 Units**

As a continuation of THEA 57C, students will continue to develop onstage with participation in the cast of the scheduled main stage production. This course will emphasize complexity and polish in performance, personal and creative development as a theater professional, and development as a vocal musician.

*Prerequisite: THEA 57C with a minimum grade of C*

*Participation in this production is through audition only. Auditions details can be found at: <http://laspositascollege.edu/theater/auditions.php>*

## WELDING TECHNOLOGY

**WLDT 70 INTRODUCTION TO WELDING 2.0 Units**

Basic skills in Shielded Metal Arc (SMAW), Gas Tungsten Arc (GTAW), Gas Metal Arc (GTAW) and Flux Core Arc (FCAW) welding. Oxy-fuel welding and thermal cutting. Emphasis on safety, proper usage, theory and care of welding equipment.

*The is an evening section that meets in-person at Livermore High School in Room 202*

## WORK EXPERIENCE

**WRKX 94 OCCUPATIONAL WORK EXP/INTERN. 1.0-8.0 Units**

This course of supervised employment provides students with the opportunity to earn college credit for developing marketable skills while working in their major field of study. Students working in a part-time or full-time, paid or unpaid internship or position related to their major field of study will contract, in collaboration with their work supervisor and instructor, to set measurable, achievable goals; accomplish new or expanded learning objectives; and broaden work skills and experiences. Students will apply discipline-specific knowledge, skills, and abilities gained in the classroom. Students can earn 1 to 8 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship. Students must work 75 paid hours or 60 unpaid hours per unit earned during the semester.

**WRKX 95 GENERAL WORK EXPERIENCE 1.0-6.0 Units**

This course of supervised employment provides students with the opportunity to earn college credit while working and developing desirable work habits, attitudes, and skills. Students working in any part-time or full-time, paid or unpaid position will contract, in collaboration with their work supervisor and instructor, to set measurable, achievable goals; accomplish new or expanded learning objectives; and broaden work skills and experiences. The work experience need not be related to the students' educational goals. Students can earn 1 to 6 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship. Students must work 75 paid hours or 60 unpaid hours per unit earned during the semester.

Scan here to visit the current Summer 2023 class schedule online







# Fall 2023

## Course Listings

Las Positas College will offer classes online, on-campus, and in hybrid or Hyflex modalities during Fall 2023.

FULL TERM Courses: .....Aug 16 - Dec 19

LATE START Courses: ..... Sept 5 - Dec 8

FAST TRACK 1 (*1<sup>st</sup> 8 weeks*):.....Aug 16 - Oct 6

FAST TRACK 2 (*2<sup>nd</sup> 8 weeks*): ..... Oct 9 - Dec 8

Please click on the QR code below, or visit

**[https://bw11.clpccd.cc.ca.us/clpccd/2023/02/sched\\_1.htm](https://bw11.clpccd.cc.ca.us/clpccd/2023/02/sched_1.htm)**

to view the current class schedule online, and find information on student learning support resources, both virtual and on-campus.

Scan here to visit the  
current FALL 2023  
class schedule online



# DESCRIPTION OF SECTION TYPES

## DAY & EVENING - ("DO\_" and "EO\_" sections) (fully on-campus only)

This course is an on-campus class. Carefully note the day, time and building the course will meet in-person.

**THIS IS WHAT IT LOOKS LIKE IN THE SCHEDULE:**

Psychology Counseling								
CRN	Subj	Crse	Sec	Units	Title		Campus	
		Start Date		End Date	Days	Times	Bldg	Room
33031	PCN	3	D01	3.00	Theories of Counseling: Intro		Las Positas College	
		Jan 18, 2022		May 27, 2022	MW	11:00am - 12:15pm	L1600	1641
		Instructor(s): Staff - LPC, GENERAL						

## ASYNCHRONOUS - ("A0\_" sections) (fully online only)

This course is an asynchronous online class. It does not have scheduled meeting times. Weekly assignments are completed independently by the established deadlines in the class. Materials are accessed through the Canvas learning management system.

**THIS IS WHAT IT LOOKS LIKE IN THE SCHEDULE:**

Art - History								
CRN	Subj	Crse	Sec	Units	Title		Campus	
		Start Date		End Date	Days	Times	Bldg	Room
32542	ARHS	1	A01	3.00	Intro to Art History		Las Positas College	
		Jan 18, 2022		May 27, 2022				ONLINE
		Instructor(s): RENTERIA, SORAYA						

*This course is an asynchronous online class. It does not have scheduled meeting times. Weekly assignments are completed independently by the established deadlines in the class. Materials are accessed through the Canvas learning management system.*

## SYNCHRONOUS - ("S0\_" sections) (online only with specific meeting days/times)

This course is a synchronous online class in which instruction occurs remotely at a scheduled time. Carefully note the day and time the class will meet online. Materials and links to the virtual classroom, Zoom, are accessed through the Canvas learning management system.

**THIS IS WHAT IT LOOKS LIKE IN THE SCHEDULE:**

Math								
CRN	Subj	Crse	Sec	Units	Title		Campus	
		Start Date		End Date	Days	Times	Bldg	Room
31288	MATH	1	S01	5.00	Calculus I		Las Positas College	
		Jan 18, 2022		May 27, 2022	MWF	9:30 AM-10:55 AM		ONLINE
		Instructor(s): MAJUMDAR, RUCHIRA						

*This course is a synchronous online class in which instruction occurs remotely at a scheduled time. Carefully note the day and time the class will meet online. Materials and links to the virtual classroom, Zoom, are accessed through the Canvas learning management system.*

# DESCRIPTION OF SECTION TYPES

## **BOTH - ("B0\_" sections)** *(combination of Asynchronous and Synchronous online)*

This class will meet live (synchronously) online via Zoom at the days and times listed. Other content will be delivered online through the Canvas learning management system (asynchronously).

*THIS IS WHAT IT LOOKS LIKE IN THE SCHEDULE:*

Humanities								
CRN	Subj	Crse	Sec	Units	Title		Campus	
		Start Date		End Date	Days	Times	Bldg	Room
31491	ENG	4	B01	3.00	Critical Thinking/ Writing Lit		Las Positas College	
		Jan 18, 2022		May 27, 2022	M	8:00 AM- 9:15 AM		ONLINE
		Jan 18, 2022		May 27, 2022	-	-		ONLINE
Instructor(s): Staff - LPC, GENERAL								
<b><i>Class will meet live (synchronously) online via Zoom at the time listed. Other content will be delivered online through Canvas (asynchronously).</i></b>								

## **HYBRID - ("H0\_" sections)** *(Asynchronous -or- Synchronous online, with in-person components)*

This course meets both in-person and online. Carefully note the day, time and building the course will meet in-person. Other instruction is completed online. The instructor will provide more details through the Canvas learning management system at the start of the semester.

*THIS IS WHAT IT LOOKS LIKE IN THE SCHEDULE:*

Humanities								
CRN	Subj	Crse	Sec	Units	Title		Campus	
		Start Date		End Date	Days	Times	Bldg	Room
33145	KIN	17	H01	4.00	Intro Athletic Training/ Sports Med		Las Positas College	
		Jan 19, 2021		May 28, 2021	-	-	LTBA	ONLINE
		Jan 19, 2021		May 28, 2021	TTh	9:30 AM- 10:45 AM	L2500	PE104 <sup>1</sup>
Instructor(s): LE CARA, ANELA L								
<b><i>This course meets both in-person and online. Carefully note the day, time and building the course will meet in-person. Other instruction is completed online. The instructor will provide more details through the Canvas learning management system at the start of the semester.</i></b>								

<sup>1</sup>*On-campus courses will reflect a designated room number for meeting on campus.*

## **HyFLEX - ("HF\_" sections)** *(on-campus -or- optional online)*

This is hybrid-flexible course, referred to as HyFlex. A student may choose to attend class on campus at the days, times, and building location noted or they can join the live class remotely via Zoom. Throughout the semester, instructors may allow students the flexibility to move between modalities. Some instructors offer the additional option of completing the class asynchronously online.

For more information on HyFlex classes, visit [laspositascollege.edu/onlinelearning/hyflex.php](https://laspositascollege.edu/onlinelearning/hyflex.php).

## **FAST TRACK**

This is an accelerated 8-week course. Please carefully note the start date of the course.



# FALL 2023 Course Listings

## Explanation of Terms used in the Course Listings on CLASS-Web

### SECTION NUMBERS

- DO\_ = On-Campus Day
- EO\_ = On-Campus Evening
- AO\_ = Asynchronous (fully online)
- SO\_ = Synchronous (online with specific meeting days/times)
- BO\_ = Both (combination of Synchronous and Asynchronous online)
- HO\_ = Hybrid (online with in-person component)
- HF\_ = HyFLEX (on-campus -or- optional online)

- AP\_ = Apprenticeship
- CO\_ = Corequisite Paired Course
- CE\_ = Credit by Exam
- FC\_ = Federal Corrections
- FSA = College Foundation
- HS\_ = High school (grant-funded)
- LC\_ = ECD Learning Community
- MO\_ = Math Jam
- PO\_ = Puente Program
- ST\_ = Alternate Instruction
- TO\_ = Technical Math: Emporium Mode
- UO\_ = Umoja Program
- VT\_ = Veteran Program
- WLC = Weekend ECD Learning Community
- XO\_ = Math Emporium Mode

### MEETING DAYS

- M/Mon = Monday
- T/Tue = Tuesday
- W/Wed = Wednesday
- R/Th/Thu = Thursday
- F/Fri = Friday
- S/Sat = Saturday
- Daily = Monday thru Friday

### ROOMS

Refer to campus map on page 112 for room and building locations.

( \* ) indicates a course is held off-campus

All registration notices, Financial Aid, and general College information will be sent to your ZONEmail Account. Check it regularly.

### STAFF NOTATION

As courses are assigned to instructors, the updates will be posted on CLASS-Web.

### FALL 2023 TERM DATES

- Full-Term.....Aug 16 - Dec 19
- Late Start.....Sept 5 - Dec 8
- Fast Track 1..... Aug 16 - Oct 6
- Fast Track 2..... Oct 9 - Dec 8

**NOTE:** Start and end dates for a course affect deadlines such as add, drop, and census. See **purple box below** for instructions on how to find these dates for each course.

### UNITS

Indicates unit value of each course.

### NON-CREDIT classes are noted in GREEN

- 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.

### Important Enrollment Information

#### Please pay close attention to course deadline dates

These dates may vary for some courses (such as Late Start and Fast Track). Complete the following steps to check the deadline dates to add a course, drop with NGR (no-grade-of-record), get a refund, pass/no pass and withdrawal:

**How to Check for Add, Drop NGR, Refund, Pass/No Pass and Withdrawal deadlines:**

1. Log into CLASS-Web
2. Select the "Student Services" tab
3. Click the "Registration" link
4. Click the "Check Class Deadlines" link
5. Enter the CRN

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.

## 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.

### 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.

*Recommended Course Preparation: Eligibility for ENG 1A*

### AJ 60 CRIMINAL LAW 3.0 Units

Historical development, philosophy of law and constitutional provisions, definitions, classification of crime, and their application to the system of administration of justice; frequently used Penal Code and other code sections; case law, methodology, and concepts of law as a social force.

### AJ 63 CRIMINAL INVESTIGATION 3.0 Units

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

### 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.

### AJ 70 COMMUNITY RELATIONS 3.0 Units

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in Culture, Religion, and Law.

## AMERICAN SIGN LANGUAGE

### 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.

### ASL 1B AMERICAN SIGN LANGUAGE II 3.0 Units

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

*Prerequisite: ASL 1A with a minimum grade of C*

### ASL 2A AMERICAN SIGN LANGUAGE III 3.0 Units

Further development of American Sign Language (ASL) receptive/expressive skills and knowledge learned in ASL 1B. Emphasis on conversational skills in functional situations, continued vocabulary expansion and knowledge of Deaf culture and the Deaf community.

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

## ANTHROPOLOGY

### ANTR 1 BIOLOGICAL ANTHROPOLOGY 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.

*Recommended Course Preparation: Eligibility for ENG 1A*

### ANTR 1L BIOLOGICAL ANTHROPOLOGY 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 with a minimum grade of C (May be taken concurrently)*

*Recommended Course Preparation: Eligibility for ENG 1A*

### 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.

*Recommended Course Preparation: Eligibility for ENG 1A*

### ANTR 3 CULTURAL ANTHROPOLOGY 3.0 Units

This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues: how people around the world make their living (subsistence patterns); how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world (belief systems); how

they express themselves creatively (expressive culture); how they make distinctions among themselves such as through applying gender, racial and ethnic identity labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Ethnographic case studies highlight these similarities and differences, and introduce students to how anthropologists do their work, employ professional anthropological research ethics and apply their perspectives and skills to understand humans around the globe.

*Recommended Course Preparation: Eligibility for ENG 1A.*

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**ANTR 12 MAGIC/RELIGION/WITCHCRAFT/HEAL 3.0 Units**

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

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

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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.

*Recommended Course Preparation: Eligibility for ENG 1A*

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## APPRENTICESHIP IRON WORKERS

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**APIW 53 WELDING TECHNOLOGY 3.0 Units**

Mastery of manipulative skills used in welding technology. Emphasis on safe use and applications of shielded metal arc welding (SMAW) and flux cored arc welding (FCAW) to AISC and AWS codes and standards. Knowledge and safe use of welding power sources, welding equipment, oxy-fuel cutting systems and their applications. Electrode identification and usage in typical construction and structural applications. Skills necessary to pass a standard AWS welding certification test.

*Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.*

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**APIW 57 STRUCTURAL III 3.0 Units**

Procedure for layout and fitting of structural steel members including trusses, left hand beams and columns with an emphasis on Pipe. Discussion of pipe size and schedule and their use on blueprints. Usage of transit for shop Pipe layout applications. Identification and fastening procedures for bolts used for shop assembly of structural steel. Use of templates as a tool to fabricate steel structural components. Application of geometry and mathematics in the layout of components and templates. Construction of transitions using triangulation.

*Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.*

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**APIW 59 METAL STAIRS LAYOUT AND FABRIC 3.0 Units**

The principals and procedures relating to layout and fabrication of metal stairs. Emphasis on application of blueprint information to completed component. Use of proper tools and techniques to ensure quality layout, fit-up and fabrication. And requirements for finished stair construction including intermediate platforms and curved stringers. Understanding of right hand and left hand components as they relate to stair fabrication. Use mathematical calculations to determine the ratio of rise and run as they relate to stair stringer layout and fabrication.

*Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.*

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**APIW 62 BLUEPRINT READING II 3.0 Units**

Principles of reading and interpreting structural steel engineering design blueprints used to build steel frame buildings. Advanced reading and interpretation of structural steel fabrication blueprints used in industry. Emphasis of advanced drawings as a communication tool for complex structures. Advanced applications of shop floor usage of blueprints in structural fabrication.

*Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.*

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**APIW 94 OCCUPATIONAL WORK EXPERIENCE 1.0 Units**

College supervised on-the-job training. Apprenticeship work experience in an occupation related to student's apprenticeship program. Cooperative effort of the work supervisor, student, Joint Apprenticeship Training Council (JATC) or Program Sponsor, and instructor to achieve work-based learning objectives.

*Student must be enrolled in an apprenticeship program. Each Unit of Credit requires 75 hours of paid work experience. Students can earn 1 to 8 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship.*

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## APPRENTICESHIP MARINE TECH

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**APMT 51 BOATWORKS 101 YACHT ELECTRICAL 4.0 Units**

This course is an introduction to yacht electrical systems, including the theory of electricity, routine service, and maintenance.

*Enrollment Limitation: Admission to this course is limited to apprentices registered with the State of California Department of Apprenticeship Standards. Students must first be accepted into a registered Boatworks 101 apprenticeship.*

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**APMT 53 BOATWORKS101 CRAFTSMANSHIP LAB 0.5 Units**

This course is a lab-only class that will allow the student to showcase and be evaluated on their craftsmanship skills.

*Enrollment Limitation: Admission to this course is limited to apprentices registered with the State of California Department of Apprenticeship Standards. Students must first be accepted into a registered Boatworks 101 apprenticeship.*

Scan here to visit the current Fall 2023 class schedule online



**APMT 94 OCCUPATIONAL WORK EXPERIENCE 1.0 - 8.0 Units**

College supervised on-the-job training. Apprenticeship work experience in an occupation related to student's apprenticeship program. Cooperative effort of the work supervisor, student, Joint Apprenticeship Training Council (JATC) or Program Sponsor, and instructor to achieve work-based learning objectives. Student must be enrolled in an apprenticeship program. Each Unit of Credit requires 75 hours of paid work experience. Students can earn 1 to 8 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship.

*Enrollment Limitation: Admission to this course is limited to apprentices registered with the State of California Department of Apprenticeship Standards. Students must first be accepted into a registered Boatworks 101 apprenticeship.*

**APPRENTICESHIP REDDAWAY**

**APRT 52 HEAVY TRUCK DRIVING TEST PREP 0.5 Units**

This course includes range and road driving, and practical application of skills used in the operation of a tractor/trailer. Students enrolled in this class will be able to hone their skills for the behind the wheel test.

*Enrollment Limitation: Admission to this course is limited to apprentices registered with the state of California Department of Apprenticeship Standards. Students must first be accepted into a registered Reddaway Heavy Truck Driving apprenticeship and have Class A Permit and DOT Medical card.*

**ART - HISTORY**

**ARHS 1 INTRO TO ART HISTORY 3.0 Units**

Architecture, sculpture, painting, photography and design in relation to human inventiveness in providing for material and aesthetic needs. This course provides a general introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to the visual arts across time and diverse cultures. 3 hours lecture.  
*Recommended Course Preparation: Eligibility for ENG 1A*

**ARHS 3 ARTS OF AFRICA, OCEANIA, AND AMER 3.0 Units**

This course is an introduction to the visual arts produced by selected people of Africa, Oceania, and the Americas from the prehistoric to contemporary periods. The topics covered in the course are representative of the art and architecture produced by groups from Africa, Oceania and the Americas emphasizing how art is representative of the cultural, religious, social, or political orientation of each region.  
*Recommended Course Preparation: Eligibility for ENG 1A*

**ARHS 4 WESTERN ART HIST- ANCIENT TO MEDIEVAL 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.  
*Recommended Course Preparation: Eligibility for ENG 1A*

**ARHS 5 WESTERN ART HIST- RENAISS TO CONTEMP 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.

*Recommended Course Preparation: Eligibility for ENG 1A*

**ARHS 8 ASIAN ART HISTORY 3.0 Units**

Asian art history surveys the arts of India, China, Korea, and Japan. The architecture, painting, sculpture, and other arts are examined within their religious and social contexts.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

**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.

**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.

*Recommended Course Preparation: ARTS 2A with a minimum grade of C*

**ARTS 7B WATERCOLOR PAINTING 3.0 Units**

Development of knowledge and skills introduced in Arts 7A with an emphasis on experimenting with the watercolor medium, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

*Prerequisite: ARTS 7A with a minimum grade of C*

*Recommended Course Preparation: ARTS 2A with a minimum grade of C*

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

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

*Prerequisite: ARTS 7B with a minimum grade of C*

*Recommended Course Preparation: ARTS 2A with a minimum grade of C*

**ARTS 7D ADVANCE WATERCOLOR PAINTING II 3.0 Units**

Advanced projects in watercolor painting with emphasis on demonstrating functional competence and an intellectual understanding of personal ideas. Further development of knowledge and skills introduced in 7C directed towards individualized needs.

*Prerequisite: ARTS 7C with a minimum grade of C*

*Recommended Course Preparation: ARTS 2A with a minimum grade of C*

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

Introduction to painting using oil or acrylic paints. Students will apply the principles and elements of design, in addition to color theory, to their own paintings. Students will make studies from observation, study works by the masters, and learn to express their own ideas through painting.

*Recommended Course Preparation: ARTS 2A with a minimum grade of C*



**ARTS 12B OIL/ACRYLIC PAINTING: BEGIN II 3.0 Units**  
 Second level course in painting using oil or acrylic paints. With the skills and knowledge gained in ARTS 12A, students will apply the principles and elements of design, in addition to color theory, to their own paintings. Students will make intermediate level studies from observation, study works by the masters, and learn to express their own ideas through painting.  
*Prerequisite: ARTS 12A with a minimum grade of C*  
*Recommended Course Preparation: ARTS 2A with a minimum grade of C*

**ARTS 12C OIL/ACRYLIC PAINTING: ADV I 3.0 Units**  
 Advanced projects in oil or acrylic painting with an emphasis on individual creative work and development of personal ideas and style.  
*Prerequisite: ARTS 12B with a minimum grade of C*  
*Recommended Course Preparation: ARTS 2A with a minimum grade of C*

**ARTS 12D OIL/ACRYLIC PAINTING: ADV II 3.0 Units**  
 Advanced projects in oil or acrylic painting with emphasis on developing ideas, skills, and knowledge. Students hone their painting through practice and critique; this course requires self-direction.  
*Prerequisite: ARTS 12C with a minimum grade of C*  
*Recommended Course Preparation: ARTS 2A with a minimum grade of C*

**ARTS 23 2-D DESIGN 3.0 Units**  
 Introduction to the concepts, applications, and historical references related to 2-dimensional art and composition. Topics include the basic principles and elements of design. In this course, students will develop their visual vocabulary for creative visual expression through lectures and problem-solving studio projects. Students explore aspects of 2-D Design through visual art assignments.

**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.

**ARTS 26 COLOR THEORY 3.0 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 and creative and technical aspects of color.  
*Students who have completed, or are enrolled in, GDDM 51 may not receive credit.*

## ASTRONOMY

**ASTR 30L INTRODUCTION TO ASTRONOMY LAB 1.0 Units**  
 Introduction to laboratory principles and techniques in astronomy. Includes: observational techniques such as naked eye, binocular, and telescopic identification of stars, planets, constellations, and deep sky objects; telescope operation and imaging; spectroscopy, motions of the sun, moon and planets.  
*Prerequisite: ASTR 31 or ASTR 32 with a minimum grade of C (May be taken concurrently)*

**ASTR 31 INTRO TO ASTRONOMY: SOLAR SYS. 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 a physical science.

*A COMPANION SCIENCE LAB, ASTRONOMY 30L, IS ALSO AVAILABLE.*

**ASTR 32 INTRO TO ASTRONOMY: STARS & UNIVERSE 3.0 Units**  
 Introduction to the study of stars, galaxies, and cosmology. Includes the nature of light and matter, telescopes, spectroscopy, stellar formation and evolution, galaxies, quasars, and cosmology. Designed for non-majors in mathematics or a physical science.

*A COMPANION SCIENCE LAB, ASTRONOMY 30L, IS ALSO AVAILABLE.*

## AUTOMOTIVE TECHNOLOGY

**AUTO A1 ENGINE REPAIR 4.0 Units**  
 An in-depth study of engines: mechanical, measurement, and assembly. A study of the above-mentioned components including theory, teardown, evaluate, qualifying, and rebuilding. This class' emphasis is on engines.  
*Prerequisite: AUTO INTR, or NAUT INTR, or AUTO INTL and AUTO INTZ with a minimum grade of C (May be taken concurrently).*

*STUDENTS ARE ENCOURAGED TO ENROLL IN AUTOMOTIVE LAB CONCURRENTLY.*

**AUTO A2 AUTO TRANSMISSION/TRANSAXLE 4.0 Units**  
 An in-depth study of engine, transmission, transaxles: mechanical, measurement, and assembly. An in-depth study of the above-mentioned components including theory, teardown, evaluate, qualifying, and rebuilding.  
*Prerequisite: AUTO INTR, or NAUT INTR, or AUTO INTL and AUTO INTZ with a minimum grade of C (May be taken concurrently)*

*STUDENTS ARE ENCOURAGED TO ENROLL IN AUTOMOTIVE LAB CONCURRENTLY.*

**AUTO A3 MANUAL DRIVE TRAIN AND AXLES 4.0 Units**  
 An in-depth study of rear axle, front axle, and transfer cases: mechanical, measurement, and assembly. Including theory, teardown, qualifying, and rebuilding.  
*Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently)*

*STUDENTS ARE ENCOURAGED TO ENROLL IN AUTOMOTIVE LAB CONCURRENTLY.*

**AUTO L3 LIGHT DUTY HYBRID/ELECTRIC VEH. 4.0 Units**  
 A study in the history, current and future of alternative fuels, hybrids and electric vehicles in the automotive industry.

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Emphasis in shop safety, hazardous waste handling, high voltage electrical precautions, basic engine construction of hybrids, battery storage systems, fuel storage systems, compressed natural gas, liquid propane gas, bio-diesel and hydrogen cell technology.

*Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C (May be taken concurrently)*

**STUDENTS ARE ENCOURAGED TO ENROLL IN AUTOMOTIVE LAB CONCURRENTLY.**

**AUTO INTL AUTO SERVICE AND INTRO LAB 2.0 Units**

This is the Lab section that can only be taken if you are also taking AUTO INTZ lecture. 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.

*Corequisite: AUTO INTZ*

**AUTO INTL LAB MUST BE TAKEN CONCURRENTLY WITH AUTO INTZ LECTURE.**

**AUTO INTZ AUTO SERVICE AND INTRO LECTURE 2.0 Units**

This class is lecture only. AUTO INTL lab must also be taken concurrently. 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.

*Corequisite: AUTO INTL*

**AUTO INTZ LECTURE MUST BE TAKEN CONCURRENTLY WITH AUTO INTL LAB.**

**AUTO LABA AUTOMOTIVE LAB 2.0 Units**

Automotive Lab is an open laboratory class for basic automotive students. This class is for students desiring to expand their hands-on experience using their own vehicle. Instructor will provide technical and supervisory support to guide students in completion of their self initiated projects. Service information via computer service manuals will be available for students to use for vehicle information and research.

*Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C (May be taken concurrently)*

**AUTO LABB AUTOMOTIVE LAB ADVANCED 2.0 Units**

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

*Prerequisite: AUTO LABA or NAUT LABA, AUTO INTR or NAUT INTR, or AUTO INTL and AUTO INTZ (all with a minimum grade of C)*

**AUTO LABC LAB SPECIALIZED BENCH WORK 2.0 Units**

Automotive Lab Specialized Bench Work is an open laboratory class for automotive students. This class is for using shop equipment. This class specializes in rebuilding automotive

parts. The instructor will provide technical and supervisory support to guide students in the completion of their self-initiated projects. Service information via computer service manuals will be available for students to use for vehicle information and research. Class is recommended for second year students only.

*Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C. May be taken concurrently*

**AUTO LABD LAB SPECIALIZED ELECTRONIC WK 2.0 Units**

Automotive Lab Specialized Electronic Work is an open laboratory class for automotive students. This class is for students desiring to expand their hands-on experience using shop equipment. This class specializes in electronics work. This includes accessories, EV, hybrid, and aftermarket electrical. The instructor will provide technical and supervisory support to guide students in the completion of their self-initiated projects. Service information via computer service manuals will be available for students to use for vehicle information and research.

*Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C. May be taken concurrently*

## BIOLOGICAL SCIENCES

**BIO 1A GENERAL BOTANY 5.0 Units**

Diversity, structure and function of plant, fungal, and protistan phyla. Topics include development, morphology, physiology and systematics. Principles of population and community ecology and ecosystem interactions. (Note: Formerly BOTN 1.)

*Prerequisite: Intermediate Algebra or a higher level of mathematics*

*Recommended Course Preparation: BIO 30 with a minimum grade of C*

**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: Intermediate Algebra or a higher level of mathematics*

*Recommended Course Preparation: BIO 30 with a minimum grade of C*

**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.

*Prerequisite: BIO 1B or BIO 1A with a minimum grade of C, CHEM 1A with a minimum grade of C, Intermediate Algebra or a higher level of mathematics. Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method.*

**BIO 7A HUMAN ANATOMY 5.0 Units**

Structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health related majors.

*Prerequisite: BIO 30 or BIO 1B and BIO 1C (all with a minimum grade of C). Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as*

determined by college assessment or other appropriate method. Eligibility for college-level mathematics as determined by college assessment or other appropriate method

**BIO 7B HUMAN PHYSIOLOGY 5.0 Units**

Function and regulation of the human body. This course examines general, cellular, and molecular interactions that integrate the organ systems to maintain homeostasis. Human responses and computer simulations are used to collect and analyze data. Designed for nursing, physical and occupational therapy, and other health sciences majors.

*Prerequisite: CHEM 1A or CHEM 30A or CHEM 31; BIO 7A and BIO 30, or BIO 1B and BIO 1C (all with a minimum grade of C)*

*Recommended Course Preparation: CHEM 30B with a minimum grade of C. Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method. Eligibility for college-level mathematics (MATH 1, 2, 3, 5, 7, 10, 27, 30, 33, 34, 39, 40, 47) as determined by college assessment or other appropriate method.*

**BIO 7C MICROBIOLOGY 5.0 Units**

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

*Prerequisite: BIO 30 or BIO 1B and BIO 1C; CHEM 1A or CHEM 30A or CHEM 31 (all with a minimum grade of C)*

*Recommended Course Preparation: BIO 7A with a minimum grade of C. Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method. Eligibility for college-level mathematics (MATH 1, 2, 3, 5, 7, 10, 27, 30, 33, 34, 39, 40, 47) as determined by college assessment or other appropriate method.*

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

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

**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.)

**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.

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

Introduction to environmental issues from a scientific perspective, focusing on physical, chemical, and biological processes within the Earth system, the interaction between humans and these processes, and the role of science in finding sustainable solutions. Topics include ecological principles,

biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management.

*Recommended Course Preparation: Eligibility for ENG 1A*

**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.

**BIO 55 ORIENTATION TO HEALTH CARE 2.0 Units**

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

**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.

## 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 and comparing it to international financial reporting standards, preparation and analysis of the classified financial statements for merchandising and service companies. Also includes issues related to recording and valuation of assets, liabilities, equities and cashflow, recognition of revenues, expenses using effective internal controls and ethical standards.

**BUSN 1B MANAGERIAL ACCOUNTING 4.0 Units**

A study of the use and reporting of accounting data for managerial planning, cost control, and decision making purposes. Includes broad coverage of concepts, structures, classifications, and behaviors of costs. Topics include; cost systems, job costing, process costing, activity based costing, relationship between cost, volume and profitability, relevant range, standard costing, profit planning and budgeting, static and flexible budgeting, responsibility accounting and

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segment reporting, absorption and variable costing and capital expenditure decisions.

*Prerequisite: BUSN 1A with a minimum grade of C*

**BUSN 18 BUSINESS LAW 4.0 Units**

A study of the legal environment of business. Covering laws and regulations impacting business transactions. Introduction to the legal process. Topics include sources of legal concepts and ethics, torts, contracts, Uniform Commercial Code (UCC), warranties, product liability, consumer financial transactions, environmental, competition, agency, employment and labor, business organizations, and judicial and administrative processes.

*Recommended Course Preparation: BUSN 40, ENG 1A or ENG 1AEX, or ESL 1A (all with a minimum grade of C)*

**BUSN 20 INTERNATIONAL BUSINESS 3.0 Units**

Exploration of major factors involved in developing international entrepreneurship. Includes an overview of economic, historical, technological, legal, environmental, and educational implications on entrepreneurship. Analyzes cultural differences, issues and trends, which influence entrepreneurship and business decision-making. Discuss options for emerging markets; international marketing; manufacturing, physical distribution, and foreign investment options are explored along with State and federal resources available to facilitate importing and exporting.

*Recommended Course Preparation: BUSN 40, ENG 1A or ENG 1AEX with a minimum grade of C*

**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.

*Recommended Course Preparation: BUSN 40 with a minimum grade of C and Eligibility for ENG 1A*

**BUSN 33 PERSONAL FINANCIAL MANAGEMENT 3.0 Units**

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

**BUSN 40 INTRODUCTION TO BUSINESS 3.0 Units**

A multidisciplinary examination and introduction to business operations within the U.S. and internationally. Provides an overview of global economic systems, business formations, business ethics and laws, general accounting practices and financing, facility location and layout, production, organizational structures and management functions. Fundamentals of risk management, marketing, human resources, and employee motivation are covered. Demonstrates how culture, society, and external business environments impact a business' ability to achieve its organizational goals.

*Recommended Course Preparation: Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method*

**BUSN 45 ENTREPRENEURSHIP 3.0 Units**

This course is designed for students who are interested in starting an entrepreneurial venture or new business. This course will cover the process of successfully launching, managing and growing their idea, emphasizing opportunity recognition and feasibility analysis. A practical study of the creation and essential skills required to start and grow an entrepreneur venture. It will also cover important topics such as developing a competitive advantage, protecting intellectual property and obtaining venture capital financing.

**BUSN 48 HUMAN RELATIONS IN ORG. 3.0 Units**

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

**BUSN 51 ACCOUNTING FOR SMALL BUSINESS 3.0 Units**

Basic accounting skills for managers and entrepreneurs that provide a foundation in financial reporting and analysis, payroll taxes, and internal controls. The course includes practical application of accounting theory to the accounting cycles for service and merchandising businesses, including bookkeeping practices, common debit and credit procedures, books of original entry, working papers, adjusting and closing entries, income statement, of owner's equity, balance sheet, cash, payroll, and special journals.

**BUSN 52 BUSINESS COMMUNICATIONS 3.0 Units**

This practical course supports career success by covering principles, strategies, and applications of effective business communications. The course emphasizes critical thinking, problem solving, and ethical practices. Focus is placed on cultural dimensions of communication, listening skills, nonverbal communication, the writing process, social media, professionalism, teamwork, meeting management, presentation skills, and employment communication, including job interviewing and resume writing.

*Recommended Course Preparation: ENG 1A or ENG 1AEX with a minimum grade of C*

**BUSN 55 BUSINESS MATHEMATICS 3.0 Units**

This course focuses on learning computations for typical business transactions including; simple interest, compound interest, installment sales, trade and cash discounts, mark-on percents, pricing, discounting notes and drafts, depreciation, taxes, insurance, statistics, stocks and bonds, and distribution of ownership and profits.

**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.

*Recommended Course Preparation: Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method*

**BUSN 58 SMALL BUSINESS MANAGEMENT 3.0 Units**

Fundamentals of starting, operating and growing a successful small business enterprise. Emphasis on all endeavors: self-employment; freelancing; brick and mortar, pop-up and Internet retailing; technical and professional services; and franchising. Focus on achieving optimum benefits from limited resources; financing strategies; marketing options; legal, ethical, and



regulatory issues encountered by all start-ups.

*Recommended Course Preparation: BUSN 1A with a minimum grade of C*

**BUSN 61 QUICKBOOKS ACCOUNTING 2.0 Units**

Introduction to the use of QuickBooks accounting software to process transactions related to a service and merchandise company. Specific topics include using company files, sales and receivables, payables and purchases bank and credit card reconciliations end of period transactions and payroll. Transactions include journalizing, adjusting entries, closing entries, bank reconciliation and preparing financial statements.

*Recommended Course Preparation: BUSN 1A or BUSN 51 with a minimum grade of C*

**BUSN 65 FEDERAL INCOME TAX ACCOUNTING 3.0 Units**

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

*Students who have completed or are enrolled in APAT 56 may not receive credit.*

**BUSN 88 HUMAN RESOURCES MANAGEMENT 3.0 Units**

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

*Recommended Course Preparation: BUSN 56 with a minimum grade of C*

## 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: CHEM 31 with a minimum grade of C (the CHEM 31 prerequisite can be fulfilled by demonstrating the appropriate skill level in the Chemistry Placement Process)*

**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: CHEM 1A with a minimum grade of C*

**CHEM 6 ENVIRONMENTAL CHEMISTRY 4.0 Units**

This course presents the fundamentals of chemistry as applied to contemporary environmental topics concerning the atmosphere, water, solids, and green chemistry. The course is suitable for non-science majors with an interest in environmental issues.

*Prerequisite: Elementary Algebra or a higher level of mathematics. Recommended Course Preparation: Reading proficiency in English*

**CHEM 12A ORGANIC CHEMISTRY I 5.0 Units**

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

*Prerequisite: CHEM 1B with a minimum grade of C*

**CHEM 30A INTRO AND APPLIED CHEMISTRY I 4.0 Units**

Chemistry of inorganic compounds, atomic theory, bonding, equations, gas laws, solutions, acid-base theory and oxidation-reduction. Designed to meet the requirements of certain programs in allied health and technological fields and for general education.

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

*LPC Prerequisite: Elementary Algebra (or a higher level of mathematics)*

**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: CHEM 30A with a minimum grade of C*

**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: Elementary Algebra (or a higher level of mathematics)*

## COMMUNICATION STUDIES

**CMST 1 FUNDAMENTALS PUBLIC SPEAKING 3.0 Units**

Theory and techniques of public speaking. Discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches including informative and persuasive speeches; includes developing the faculties of critical listening and problem solving.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

**CMST 4 INTRO TO COMMUNICATION STUDIES 3.0 Units**

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

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

**CMST 10 INTERPERSONAL COMMUNICATION 3.0 Units**

Exploration, discussion, and evaluation of the principles of the verbal and non-verbal communication process in relationships.

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Study of theory and research findings and their application to communication in interpersonal relationships in personal and professional contexts.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

**CMST 11 INTERCULTURAL COMMUNICATION 3.0 Units**

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

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

**CMST 46 ARGUMENTATION AND DEBATE 3.0 Units**

Methods of critical inquiry and advocacy of contemporary moral, political, economic, and philosophical issues in a diverse multicultural society. Identifying fallacies in reasoning and language, testing evidence and evidence sources, advancing a reasoned position, and defending and refuting arguments. Analysis, presentation, and evaluation of oral and written arguments.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

**CMST 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.

## COMPUTER INFORMATION SYSTEMS

**CIS 10 BUSINESS DATA ANALYTICS 3.0 Units**

Students explore data analytic practices and its applicability in the business world. Business Intelligence (BI) is a data analysis process which utilizes an integrated set of application systems, processes, and tools that transform raw data into meaningful and useful information for business analysis. Students will learn the fundamentals of business analysis and BI tools and processes that help businesses make strategic and tactical decisions based on data. The process of business decision-making will be applied with an emphasis on data mining. Careers and emerging trends in the field will be evaluated.

*Recommended Course Preparation: CIS 54 with a minimum grade of C*

**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 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.

*Recommended Course Preparation: ENG 1A or ENG 1AEX with a minimum grade of C*

*Students who have completed or are enrolled in CNT 43 or CS 43 may not receive credit.*

**CIS 50 INTRO TO COMPUTING INFO TECH 3.0 Units**

A comprehensive introduction to the concepts of management and information systems used in business and similar

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

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

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

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

*Students who have completed or are enrolled in APAT 53 may not receive credit.*

**CIS 55 INTEGRATING OFFICE APPLICATION 4.0 Units**

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

*Recommended Course Preparation: CIS 50*

**CIS 57 DATABASE CONCEPTS 3.0 Units**

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

*Recommended Course Preparation: CIS 50 and CIS 55*

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

This course will provide a fundamental understanding of the methods and techniques of developing a simple to moderately complex web site. Topics include: creating webpages with current standard webpage language (HTML), cascading style sheets (CSS), and Javascript. Exploration of incorporating images, audio/visual media, and interactive tools like forms and image maps. This course prepares apprentice Web developers to identify the information needs of a client, design appropriate WWW solutions, and implement them.

*Recommended Course Preparation: CIS 50*

**CIS 60 SYSTEMS ANALYSIS AND DESIGN 3.0 Units**

The course presents a systematic methodology for analyzing a business problem or opportunity, determining the role which computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution in particular, in-house development, development from third-party providers, or purchased commercial-off-the-shelf packages. Provides the opportunity to compare systems development life cycle (SDLC): processes like Waterfall, Agile.

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

**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.

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

**Students who have completed or are enrolled in CNT 52 or APIS 52 may not receive credit.**

**CIS 71A KEYBOARDING (THE ALPHABET) 1.0 Units**

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

**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.

*Recommended Course Preparation: CIS 71A with a minimum grade of C*

**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.

*Recommended Course Preparation: CIS 71B with a minimum grade of C*

**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.

**CIS 72B BASIC OFFICE INTEGRATION 1.0 Units**

Using a project-based approach, students will be introduced to features that enable data to be transferred between programs such as Microsoft Office applications or Google applications. Using the techniques introduced in this course, students will be able to incorporate data and charts created in Excel or Google Sheets into Word or Google Docs documents and PowerPoint or Google Presentations, use worksheet data to create tables in an Access database, and use a Word or Google Docs documents to create presentations.

*Recommended Course Preparation: CIS 50 or CIS 8 with a minimum grade of C*

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

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

**CIS 74 OFFICE PROCEDURES 3.0 Units**

Introduction to office principles, procedures, and technology. Topics include telephone skills, office equipment, working effectively in a team environment, records management, customer service, meeting/event planning, postal/shipping services, utilizing the internet for on-line services and resources, using appropriate software to complete common tasks, written and oral business communications, conflict resolution, and office etiquette. Prepares administrative professionals to work in a diversified workforce with emerging technologies. (Formerly BUSN 74.)

*Recommended Course Preparation: CIS 8 and CIS 71C*

**CIS 75 OFFICE TECH./COMMUNICATIONS 1.0 Units**

Overview of various technologies (such as video- conferencing, cloud services and storage, mobile devices) used for communicating internally and externally in the workplace. Hands-on practice with Outlook (email, contact management, calendaring), cloud-based applications and data storage, and telephone technique.

*Recommended Course Preparation: Eligibility for English 1A and CIS 71A with a minimum grade of C*

**CIS 79 MEDICAL OFFICE PROCEDURES 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.

*Recommended Course Preparation: CIS 8 and CIS 88A with a minimum grade of C*

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

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

*Recommended Course Preparation: CIS 71A*

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

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

*Recommended Course Preparation: CIS 88A*

**CIS 89A DESKTOP PRESENTATION 1.0 Units**

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

**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, and analysis, planning, organizing, composing, and revising business to create and deliver professional-level oral presentations in-person and virtually. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills.

*Recommended Course Preparation: ENG 1A or ENG 1AEX with a minimum grade of C*

*Students who have completed or are enrolled in CIS 43 or CS 43 may not receive credit.*

**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.

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

*Students who have completed or are enrolled in APIS 51 may not receive credit.*

**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.

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

*Students who have completed or are enrolled in CIS 66 may not receive credit.*

**CNT 55 MCSA-I WINDOWS SERVER 3.0 Units**

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

*Recommended Course Preparation: CNT 52 with a minimum grade of C*

**CNT 68 DIGITAL FORENSICS FUNDAMENTALS 3.0 Units**

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

*Recommended Course Preparation: CIS 66 or CNT 52 with a minimum grade of C*

*Students who have completed or are enrolled in APIS 55 may not receive credit.*

**CNT 69 NETWORK SECURITY; COMPTIA 3.0 Units**

The CompTIA Security+ exam will certify the successful candidate has the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The successful candidate will perform these tasks to support the principles of confidentiality, integrity,



and availability. This course provides an introduction to the concepts and practices of secure network design and management using desktop and network operating systems, router and switch operating systems, hardware and software Firewall and VPN technology for wired and wireless systems. The program includes authentication methods and devices, protocol analysis and IP network troubleshooting, strategies for identifying and countering vulnerabilities, network media and topologies in a secure network, intrusion detection and forensic incident response. CompTIA Security+ meets the ISO 17024 standard and is approved by U.S. Department of Defense. Security+ is also compliant with government regulations under the Federal Information Security Management Act (FISMA).

*Recommended Course Preparation: CNT 51 and CNT 52 with a minimum grade of C*

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**CNT 7285 CLOUD INFRASTRUCTURE: COMPTIA 3.0 Units**

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

*Recommended Course Preparation: CNT 8001 with a minimum grade of C*

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**CNT 7401 RED HAT LINUX ADMINISTRATION I 3.0 Units**

This course provides hands-on training covering basic installation, management, configuration, documentation and hardware topics for the Linux/UNIX operating system on workstations in a network environment. The course includes comprehensive coverage of topics related to Linux distributions, installation, administration, X-Windows, and networking.

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

*Students who have completed or are enrolled in Computer Science 41 may not receive credit.*

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**CNT 7402 RED HAT LINUX ADMIN. II 3.0 Units**

This course focuses on the key tasks needed to become a full time Linux Administrator and to validate those skills via the Red Hat Certified System Administrator exam. This course goes deeper into Enterprise Linux administration including filesystems and partitioning, logical volumes, SELinux, fire-walling, BASH script development and troubleshooting.

*Recommended Course Preparation: CNT 7401 with a minimum grade of C*

*Students who have completed or are enrolled in CS 3 may not receive credit.*

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**CNT 8001 CISCO CCNA1/3 INTRO TO NETWORK 3.0 Units**

This is course 1 of 3 of the Cisco CCNA Routing and Switching Certification Objectives. The concepts covered in this course include advances in modern network technologies; Protocols and Models: how network protocols enable devices to access local and remote network resources; Physical Layer: how physical layer protocols, services, and network media support communications across networks; Data Link Layer: how media access control in the data link layer supports communication across networks; Ethernet Switching: how Ethernet operates in a switched network; Network Layer: how routers use network layer protocols and services to enable end-to-end connectivity; Address Resolution: Protocol (ARP) and Neighbor Discovery (ND) enable communication on a local area network; Transport Layer & Application Layer: Explain the operation of layers protocols in providing support to end-user applications. The hands-on labs include implementation of initial settings including passwords, IP addressing, and default gateway parameters on a network switch and end devices; Basic Switch and Device Configuration; Calculation of numbers between decimal and binary systems; IPv4 Addressing: IPv4 subnetting scheme to segment a network; Implementing an IPv6 addressing scheme; ICMP and various tools to test network connectivity; Network Security Fundamentals: Configure switches and routers with device hardening features to enhance security; Build a Small Network: Implement a network design for a small network to include a router, a switch, and end devices.

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

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**CNT 8002 CISCO CCNA2/3 SWITCHING, ROUT 3.0 Units**

This is course 2 of 3 of the Cisco CCNA Routing and Switching Certification Objectives. The concepts covered in this course include Switching: how Layer 2 switches forward data; how STP enables redundancy in a Layer 2 network; the operation of dynamic address allocation in IPv6 networks by using SLAAC and DHCPv6; how FHRPs provide default gateway services in a redundant network; how vulnerabilities compromise LAN security; how Wireless LANs enable network connectivity; how routers use information in packets to make forwarding decisions; and troubleshooting static and default route configurations. The hands-on labs include Basic Configuration of devices by using security best practices; Implementing VLANs and trunking in a switched network; Troubleshooting inter-VLAN routing on Layer 3 devices; Troubleshooting EtherChannel on switched links; Implementing DHCPv4 to operate across multiple LANs; Configuring switch security to mitigate LAN attacks; Implementing a WLAN using a wireless router and WLC; configuring and troubleshooting IPv4 and IPv6 floating static routes.

*Recommended Course Preparation: CNT 8001 with a minimum grade of C*

*Students who have completed or are enrolled in APIS 56 may not receive credit.*



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## 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 file input/output; binary file input/output; arrays; vectors; abstract data types including user-defined data structures and enumerated data types.

*Recommended Course Preparation: MATH 107 and CS 7 with a minimum grade of C*

### 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.

*Prerequisite: CS 1 with a minimum grade of C*

### CS 3 RED HAT LINUX ADMIN. II 3.0 Units

This course focuses on the key tasks needed to become a full time Linux Administrator and to validate those skills via the Red Hat Certified System Administrator exam. This course goes deeper into Enterprise Linux administration including filesystems and partitioning, logical volumes, SELinux, fire-walling, BASH script development and troubleshooting.

*Recommended Course Preparation: CS 41 with a minimum grade of C*

*Students who have completed or are enrolled in CNT 7402 may not receive credit.*

### CS 4 INTRO- ARTIFICIAL INTELLIGENCE 3.0 Units

An introduction to artificial intelligence (AI) and modern AI programming libraries. Basic discrete mathematics and statistics. Problem solving using uninformed, informed, local, and adversarial search algorithms. Knowledge representation, inference, and reasoning using propositional and first-order logic. Quantifying and reasoning about uncertainty with Bayesian networks and Markov decision processes. Ethical considerations of artificial intelligence.

*Prerequisite: CS 1 with a minimum grade of C*

*Recommended Course Preparation: CS 7 and MATH 40 with a minimum grade of C*

### 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.

### 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.

*Prerequisite: MATH 1 and CS 1 with a minimum grade of C (May be taken concurrently)*

*Students who have completed, or are enrolled in, MATH 10 may not receive credit.*

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

Design and implementation of complex programs in C++ using a variety of fundamental data structures and algorithms. Includes the design and implementation recursive functions, of abstract data types, linked lists, stacks, queues, binary trees, hash tables, search and sorting algorithms, graphs, heaps, and algorithm analysis.

*Recommended Course Preparation: CS 2 with a minimum grade of C*

### CS 21 ASSEMBLY LANGUAGE PROGRAMMING 4.0 Units

Basics of machine architecture, CPU architecture and design, machine language, assembly language, operating system and higher level language interface. Data representation, instruction representation and execution, addressing techniques and use of macros. Space and time efficiency issues. Input/output including video modes. Procedures including parameter passing and linkage to higher level languages.

*Prerequisite: CS 1 with a minimum grade of C*

### CS 31 JAVA PROGRAMMING 4.0 Units

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

*Recommended Course Preparation: CS 1 and CS 7 with a minimum grade of C*

### CS 41 RED HAT LINUX ADMIN. I 3.0 Units

This course provides hands-on training covering basic installation, management, configuration, documentation and hardware topics for the Linux/UNIX operating system on workstations in a network environment. The course includes comprehensive coverage of topics related to Linux distributions, installation, administration, X-Windows, and networking.

*Recommended Course Preparation: CIS 50 with a minimum grade of C*

*Students who have completed or are enrolled in CNT 7401 may not receive credit.*

### 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, and analysis, 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 in-person and virtually. Additional focus will be placed on developing interpersonal skills, team participation skills, and technical report writing skills.

*Recommended Course Preparation: ENG 1A or ENG 1AEX with a minimum grade of C*

Students who have completed or are enrolled in BUS 43, CNT 43, or CIS 43 may not receive credit.

**CS 45 DATABASE PROGRAMMING 4.0 Units**

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

*Prerequisite: CS 1 or CS 7 or CS 31 with a minimum grade of C*

## DANCE

**DANC 4A MODERN/CONTEMPORARY DANCE A 1.0 Units**

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

**DANC 4B MODERN/CONTEMPORARY DANCE B 1.0 Units**

Elementary to Intermediate level instruction in the Contemporary Modern Dance technique. Continued emphasis on proper body alignment and body connectivity will be addressed. Students will be expected to incorporate the elements of dance into their technical practice.

*Recommended Course Preparation: DANC 4A with a minimum grade of C*

## EARLY CARE AND EDUCATION

**ECE 50 EARLY CHILDHOOD PRINCIPLES 3.0 Units**

Historical contexts and theoretical perspectives of developmentally appropriate practice in early care and education for children birth through age eight. Explores the typical roles and expectations of early childhood educators. Identifies professional ethics, career pathways, and professional standards. Introduces best practices for developmentally appropriate learning environments, curriculum, and effective pedagogy for young children, including how play contributes to children’s learning, growth, and development.

**ECE 56 CHILD GROWTH AND DEVELOPMENT 3.0 Units**

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

**ECE 60 CHILD WITH EXCEPTIONAL NEEDS 3.0 Units**

Introduces the variations in development of infants and children with exceptional needs and the resulting impact on families. Includes an overview of historical and societal influences, laws relating to children with exceptional needs and the identification and referral process. Assessments,

interventions and learning environments for infants and children with exceptional needs.

*Prerequisite: ECE 56 with a minimum grade of C*

**ECE 62 CHILD, FAMILY AND COMMUNITY 3.0 Units**

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

**ECE 63 EARLY CHILDHOOD CURRICULUM 4.0 Units**

This course offers students the opportunity for professional application of the principles of child growth and development in the study of play based, inclusive emergent curriculum within the physical environment of the infant, toddler and preschool classrooms. Students will learn of a variety of program models used and explore how program models inform curriculum planning. The learning experiences will include program content pertaining to the use of materials, the facilitation and guidance of all children’s experiences based on what is culturally and developmentally appropriate for children; utilizing best practices in meeting the children’s physical, social, emotional, cognitive and creative needs.

*Prerequisite: ECE 50 and ECE 56 with a minimum grade of C*

**ECE 67 INFANT AND TODDLER DEVELOPMENT 3.0 Units**

A study of infants and toddlers from preconception to 36 months including physical, cognitive, language, social and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Examination of best practices, responsive caregiving techniques, environments, infant/toddler learning foundations, health, safety, and licensing requirements.

*Prerequisite: ECE 56 with a minimum grade of C*

**ECE 79 TEACHING IN A DIVERSE SOCIETY 3.0 Units**

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

*Recommended Course Preparation: ECE 62 with a minimum grade of C*

**ECE 80D PRESCHOOL FND ENGLISH LANG. DEV 1.0 Units**

Introduction to the English language learners domain of the California Preschool Learning Foundations and Frameworks including strands of listening, speaking, reading and writing. Provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, pre-school, transitional kindergarten, and early-primary teachers.

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**ECE 90 PRACTICUM-SUPERVISED EXP. 4.0 Units**

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

*Prerequisite: ECE 50 and ECE 56 and ECE 62 and ECE 63 with a minimum grade of C*

**ECE 95 WORK EXPERIENCE 1.0-3.0 Units**

Cooperative effort between, student, supervisor and instructor to accomplish professional work objectives and broaden experiences. On-the-job work experience to build early childhood competencies.

*Corequisite: ECE 96*

**ECE 96 WORK EXPERIENCE SEMINAR 1.0 Units**

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

*Corequisite: ECE 95*

## 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.

*Prerequisite: Elementary Algebra or a higher level of mathematics.*

*Recommended Course Preparation: Elementary Algebra or a higher level of mathematics.*

**ECON 2 PRINCIPLES OF MACROECONOMICS 3.0 Units**

Economic analysis of the theory of income determination, including national income analysis, business cycles, the consumption function, the multiplier, fiscal policy, monetary policy, money and banking, the public debt, economic growth and development, comparative economic systems and international trade.

*Prerequisite: Elementary Algebra or a higher level of mathematics.*

*Recommended Course Preparation: Elementary Algebra or a higher level of mathematics.*

**ECON 10 GENERAL ECONOMICS 3.0 Units**

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

## EMERGENCY MEDICAL SERVICES

**EMS 10 PARAMEDIC THEORY 1 6.0 Units**

General paramedic didactic education and training following the current Department of Transportation National Emergency Services Education Standards (NEMSES) and California Code of Regulations, Title 22. Includes cognitive content associated with: preparatory, anatomy and physiology, pharmacology, airway management, patient assessment, and trauma patient management.

*Prerequisite: EMS 20, BIO 50, EMS 62 with a minimum grade of C*

*Corequisite: EMS 12*

**EMS 12 PARAMEDIC LABORATORY 1 4.0 Units**

Provides the skills portion of the current Department of Transportation National Emergency Services Education Standards (NEMSES) and California Code of Regulations, Title 22. Includes psychomotor skills associated with: preparatory, anatomy and physiology, pharmacology, airway management, patient assessment, and trauma patient management.

*Prerequisite: EMS 20, BIO 50, EMS 62 with a minimum grade of C*

*Corequisite: EMS 10*

**EMS 16 PARAMEDIC CLINICAL OCCUPATION 3.0-4.0 Units**

Occupational work experience course that provides instruction to enhance student's knowledge of emergency care in a clinical setting. Students are provided access to adequate numbers of patients, proportionally distributed by illness, injury, gender, age, and common problems encountered in the delivery of emergency care appropriate to the level of the Emergency Medical Services Profession(s). Hospital/clinical experiences include the operating room, recovery room, intensive care unit, coronary care unit, labor and delivery room, pediatrics, and emergency department, and include exposure to an adequate number of pediatric, obstetric, psychiatric, and geriatric patients.

*Prerequisite: EMS 11, EMS 13, EMS 10 and EMS 12 with a minimum grade of C*

**EMS 17 PARAMEDIC CAPSTONE OCCUPATION 1.0-8.0 Units**

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

*Prerequisite: EMS 16 with a minimum grade of C*

**EMS 20 EMERGENCY MEDICAL TECHNICIAN 7.0 Units**

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

*Prerequisite: EMS 30 with a minimum grade of B*



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**EMS 30 EMERGENCY MEDICAL RESPONDER 3.0 Units**

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

*Recommended Course Preparation: EMS 70B with a minimum grade of C*

*This course has a materials fee of \$7.*

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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.

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**EMS 70 CPR FOR HEALTH CARE PROVIDERS 0.5 Units**

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

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**EMS 91 EMERGENCY MED. TECH- REFRESHER 1.0 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 or a course completion certificate. Additionally, the course provides skills verification testing that EMTs must complete every two years.

*Prerequisite: Proof of California State EMSA or National Registration Certification as an "Emergency Medical Technician." Certification must be current, or expired less than 6 months. Student may also present documentation from the National Registry of Emergency Medical Technicians showing failure of initial three attempts at NREMT Certification Examination which now requires completion of EMS 91 for additional attempts to register for certification examination.*

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## ENGINEERING

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**ENGR 1 INTRODUCTION TO ENGINEERING 2.0 Units**

Introduction to careers, activities, and topics related to the field of engineering, including computer applications to design and problem solving.

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX with a minimum grade of C*

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**ENGR 23 ENGINEERING 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 SolidWorks Computer-Assisted Drawing software as a design tool. Basic CAD 3-Dimensional solid-modeling.

*Recommended Course Preparation: MATH 39, ENG 1A or ENG 1AEX with a minimum grade of C*

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**ENGR 26 COMPUTATIONAL METHODS 3.0 Units**

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied mathematics, physical mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering.

*Prerequisite: MATH 1 with a minimum grade of C*

*Recommended Course Preparation: CS 7 with a minimum grade of C*

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**ENGR 35 STATICS 3.0 Units**

A first course in engineering mechanics: properties of forces, moments, couples and resultants; two- and three-dimensional force systems acting on engineering structures in equilibrium; analysis of trusses, and beams; distributed forces, shear and bending moment diagrams, center of gravity, centroids, friction, and area and mass moments of inertia. Optional additional topics include fluid statics and cables.

*Prerequisites: PHYS 1A and MATH 2 with a minimum grade of C*

*Recommended Course Preparation: ENGR 22 with a minimum grade of C*

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

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

*Prerequisite: PHYS 1A with a minimum grade of C*

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**ENGR 50 INTRO TO ELECTRONIC SYSTEMS 4.0 Units**

Introduction to electrical and electronic systems and circuits. Overview of digital and analog electronics, semiconductor devices and software tools. Direct current and alternating current circuit analysis including Ohm's law and Kirchhoff's laws. Measurement and characterization of electronic systems, data collection, and reporting results. Comparing system and component performance to published specifications and developing troubleshooting techniques. Laboratory practice includes operation and proper use of standard test instruments.

*Prerequisite: MATH 39 with a minimum grade of C*

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current Fall 2023  
class schedule online



## ENGLISH

### ENG 1A CRITICAL READING AND COMP 3.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individual's worldview and contexts from which these ideas arise. Some research required.

*Prerequisite: Eligibility for college-level composition as determined by college assessment or other appropriate method.*

### ENG 1AEX CRITICAL READING COMP EXPANDED 4.0 Units

Integrated approach to reading, writing, and critical thinking intended to develop ability to read and write complex, college-level prose. Examination of ideas in relation to individual's worldview and contexts from which these ideas arise. Some research required. English 1AEX provides students with an extra unit of lab to support students in reading and writing complex, college-level prose.

*Prerequisite: Eligibility for college-level composition as determined by college assessment or other appropriate method.*

**Students who have completed, or are enrolled in, ENG 1A may not receive credit.**

### ENG 4 CRITICAL THINKING/WRITING LIT 3.0 Units

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

*Prerequisite: ENG 1A or ENG 1AEX with a minimum grade of C*

### ENG 7 CRITICAL THINKING/WRITING 3.0 Units

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

*Prerequisite: ENG 1A or ENG 1AEX with a minimum grade of C*

### ENG 11 INTRO TO CREATIVE WRITING 3.0 Units

Introduction to elements and craft of various genres of creative writing, including narrative, verse, and dialogue, using materials drawn from individual's own work and selected texts from established and peer writers. Practice in writing in various genres. Introduction to workshop method.

*Prerequisite: Eligibility for college-level composition as determined by college assessment or other appropriate method.*

### 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.

*Recommended Course Preparation: ENG 11 with a minimum grade of C and eligibility for ENG 1A.*

### ENG 12B CRAFT OF WRITING FICT: INTERMED 3.0 Units

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

*Recommended Course Preparation: ENG 12A with a minimum grade of C and ENG 1A with a minimum grade of C*

Las Positas College

## ENGLISH FLOW CHART & GUIDED SELF-PLACEMENT

All students are required to take the English Guided Self-Placement in CLASS-Web in order to register for an English course. Students can choose either English 1A or English 1AEX, which both meet GE and transfer requirements. ENG 1AEX is the same course as ENG 1A but offers two additional hours of lab support and practice. Visit the LPC Assessment Center website for more information on English placement or ESL assessment: <http://laspositascollege.edu/assessment/>.

**TRANSFER-LEVEL ENGLISH**

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graph TD
    A[2.5+ GPA] --> B[English 1A  
3 Hours Lecture + 1 Hour Lab  
Per Week]
    C[Any GPA] --> D[English 1AEX  
3 Hours Lecture + 3 Hours Lab  
Per Week]
    B -- OR --> E[English 4 -or- English 7  
3 Hours Lecture  
Per Week]
    D --> E
    
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**LANGUAGE AND RATIONALITY**

<b>A.A. REQUIREMENTS</b>	<b>6 Semester Units</b>
ENGLISH COMPOSITION	
English 1A -or- English 1AEX.....	3 Units
AND	
WRITING AND CRITICAL THINKING	
English 4 (Fiction) -or- English 7 (Non-Fiction).....	3 Units
<b>A.S. REQUIREMENTS</b>	<b>3 Semester Units</b>
ENGLISH COMPOSITION	
English 1A -or- English 1AEX.....	3 Units
<b>TRANSFER REQUIREMENTS</b>	
Students should consult CSU GE and IGEC requirements or see a counselor	

**ENG 12C CRAFT OF WRITING FICTION: ADV. 3.0 Units**  
Practice in writing fiction at an advanced level. Builds on the intermediate skills developed in English 12B by requiring a mastery of description, detail, character development, consistent point of view, and logical plotting that avoids cliché. Focus on achieving 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 presentation about the craft in 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; analysis and criticism of peer work and individual's own work.

*Prerequisite:* ENG 12B with a minimum grade of C  
*Recommended Course Preparation:* ENG 1A or ENG 1AEX with a minimum grade of C

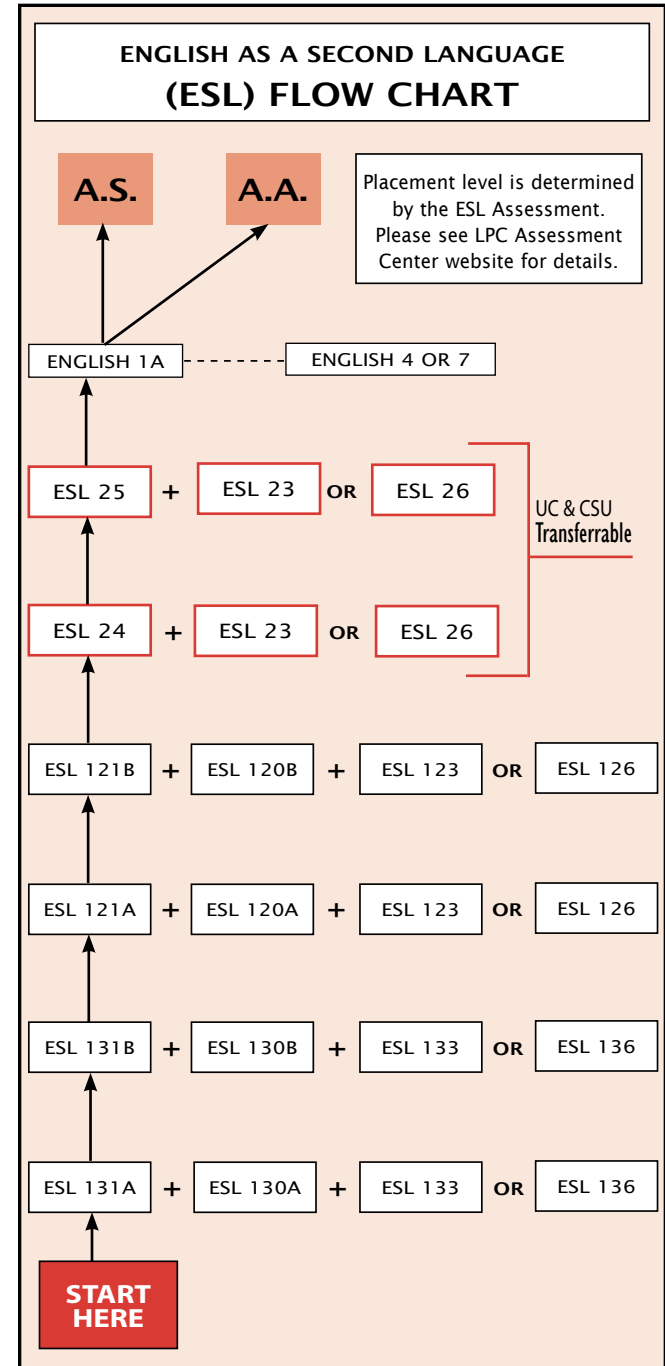
**ENG 41 MODERN WORLD LITERATURE 3.0 Units**  
This course is a comparative study of selected works, in translation and in English, of literature from various regions and cultures around the world, including Africa, Europe, the Middle East, Asia, the Americas, and other areas from the mid-or-late seventeenth century to the present.

*Prerequisite:* Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method.

**ENG 44 LITERATURE OF AMERICAN WEST 3.0 Units**  
Critical analysis of the cultural and historical experiences of diverse peoples of the American West as expressed in their literatures, including the novel, short story, poetry, autobiography, memoirs, as-told-to narratives, and secondary works. Exploration of interrelationships among peoples and cultures of the West, considering place and community, gender, and ethnicity as given voice in literature. Study of the works of at least three of the following groups: African Americans, Asian Americans, European Americans, Hispanic Americans, Native Americans. Emphasis upon techniques of critical review of and response to literary works, including gaining understanding of one's identity as a Westerner and an American.

*Prerequisite:* ENG 1A with a minimum grade of C

**ESL 110 BEGINNING VOCABULARY SKILLS 1.0 Units**  
This is a beginning level vocabulary skills class, designed to enable English language learners to improve language proficiency by learning new vocabulary and developing vocabulary-building skills. The class will focus on the 0-1000 most common words in English, dictionary skills, and beginning morphology including prefixes, suffixes, and roots.



## ENGLISH AS A SECOND LANGUAGE

**ESL 23 COLLEGE GRAMMAR 3.0 Units**  
This is a one-semester advanced grammar course for academic purposes. The course focuses on sentences, clauses, and phrases, verb tenses and forms, auxiliary verbs and modals, and grammar analysis to enhance reading comprehension.

*Prerequisite:* ESL 120B or NESL 220B and ESL 121B with a minimum grade of P or NESL 221B or placement through the ESL assessment process.

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

**ESL 24 ADV. READING AND COMPOSITION I 6.0 Units**  
This is the first semester of a one-year advanced reading and writing course for academic purposes. Emphasis is on critical reading techniques and writing expository essays as well as on grammar and vocabulary development.

*Prerequisite:* ESL 121B or NESL 221B with a minimum grade of Pass or Placement through the ESL assessment process

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

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**ESL 115 INTERMEDIATE VOCABULARY SKILLS 1.0 Units**

This is an intermediate level vocabulary skills class, designed to enable English language learners to improve language proficiency by learning new vocabulary and developing vocabulary-building skills. The class will focus on the 1000-2000 most common words in English, dictionary skills, and intermediate morphology including prefixes, suffixes and roots.

*Prerequisite:* ESL 131B with a minimum grade of P or placement through assessment or NESL 231B with a minimum grade of P

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

This is the first semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to use linguistic forms accurately, meaningfully and appropriately in written expression. This course focuses on compound and complex sentences, verb tense and form, and modals. This course also emphasizes grammar analysis, detecting and correcting grammatical errors, and self-editing skills.

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

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

**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.*

**ESL 121A INTERM. READING AND WRITING 6.0 Units**

This is the first semester of a one-year course in intermediate academic writing and reading. Classes will focus on writing sentences, paragraphs and compositions, developing strategies for reading comprehension and flexibility, on interactive reading, and on academic vocabulary development. Students will develop cultural understanding, vocabulary, and fluency through a variety of academic writing and reading tasks.

*Prerequisite:* ESL 131B with a minimum grade of Pass or placement through the ESL assessment process.

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

**ESL 121B HIGH-INTERMEDIATE READING 6.0 Units**

This is the second semester of a one-year course in intermediate academic writing and reading. Classes will focus on writing sentences, paragraphs and compositions, developing strategies for reading comprehension and flexibility, on interactive reading, and academic vocabulary development. Students will develop cultural understanding and fluency through a variety of academic writing and reading tasks.

*Prerequisite:* ESL 121A with a minimum grade of C or placement through the ESL assessment process.

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

**ESL 123 INTERM. ORAL COMMUNICATION 2.0 Units**

This is an intermediate level oral communication course. This course will enable students to use linguistic forms accurately, meaningfully and appropriately, emphasizing academic listening and speaking skills: listening and speaking in small groups, listening to short lectures on academic topics, learning academic vocabulary and expressions, making presentations on new topics.

*Prerequisite:* ESL 130B, ESL 131B, ESL 133 or an appropriate skill level demonstrated through the ESL assessment process.

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

**ESL 130A BEGINNING GRAMMAR FOR READING 3.0 Units**

This is the first semester of a one-year course in beginning grammar for academic purposes designed to enable students to understand and use English accurately, meaningfully and appropriately. The course focuses on the connection between vocabulary and grammar, simple and compound sentences, phrases, verb forms, and verb tenses, especially simple present, simple past, and present progressive.

*Recommended Course Preparation:* Placement through the ESL assessment process

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

**ESL 130B HIGH-BEGINNING GRAMMAR 3.0 Units**

This is the second semester of a one-year course in beginning grammar for academic purposes designed to enable students to identify and use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on simple and compound sentences, word order, verb tenses: simple present, past, and future as well as present and past progressive, verb forms, modals, phrases, and vocabulary development.

*Prerequisite:* ESL 130A or NESL 230A with a minimum grade of P or placement through the ESL assessment process.

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

**ESL 131A BEGINNING READING AND WRITING 6.0 Units**

This is the first semester of a one-year course in beginning academic writing and reading. Classes will focus on writing simple and compound sentences in short paragraphs, on developing strategies for increasing reading comprehension and flexibility, on interactive reading, and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks.

*Recommended Course Preparation:* Appropriate skill level demonstrated through the ESL assessment process.

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

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

This is the second semester of a one-year course in beginning academic writing and reading. Classes will focus on writing simple, compound, and complex sentences in structured paragraphs, on developing strategies for increasing reading comprehension and flexibility, on interactive reading, and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks.

*Prerequisite:* ESL 131A or NESL 231A completed with a minimum grade of Pass or placement through the ESL assessment process.

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



**ESL 133 BEGINNING ORAL COMMUNICATION 2.0 Units**

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

*Recommended Course Preparation:* placement through the ESL assessment process.

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

**ESL 136 PRONUNCIATION AND FLUENCY 2.0 Units**

Focused practice on recognizing and producing individual speech sounds, stress patterns, rhythm and intonation patterns, and grammatical signals through activities such as oral presentations, role play, authentic dialogue, and presentations. Students will focus on developing listener friendly pronunciation. Course content includes individual as well as group work.

*Recommended Course Preparation:* Placement through the ESL assessment process.

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

## 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.

*Recommended Course Preparation:* Eligibility for ENG 1A

## ETHNIC STUDIES

**ETHS 5 PSYCH. OF RACE AND IDENTITY 3.0 Units**

This course is an introduction to cross-cultural identities, which focuses on the way culture influences human behavior and shapes mental processes. We will study a variety of ethnic, social, and cultural group developmental norms and the extent of influence these norms may have on an individual. This course seeks to strengthen diversity to the importance of engaging in difficult discussions. This course will review a broad range of influences on human behavior and cognitive process. Topics covered include development of an individual worldview, identity development, stereotypes, prejudice, discrimination, racism, sexism, heterosexism, ableism, ageism, immigration and acculturation, privilege, oppression and cross-cultural issues in psychological literature.

*Recommended Course Preparation:* PSYC 1 with a minimum grade of C

*Students who have completed, or are enrolled in, PSYC 21 may not receive credit.*

**ETHS 6 INTRO TO RACE AND ETHNICITY 3.0 Units**

Racial and ethnic relations in the United States. Examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities, as well as patterns of interaction between various racial and ethnic groups.

*Recommended Course Preparation:* SOC 1 with a minimum grade of C

*Students who have completed, or are enrolled in, SOC 3 may not receive credit.*

## FIRE SERVICE TECHNOLOGY

**FST 1 FIRE PROTECTION ORGANIZATION 3.0 Units**

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

**FST 2 PRINCIPLES OF FIRE SAFETY 3.0 Units**

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

**FST 3 FIRE BEHAVIOR AND COMBUSTION 3.0 Units**

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

**FST 4 FIRE PREVENTION 3.0 Units**

Provides fundamental knowledge relating to the field of fire prevention. Topics include history and philosophy of fire prevention and organization, organization and operation of a fire prevention bureau, use and applications fire codes and standards, plans review, fire inspections, identification and correction of fire hazards, fire and life safety education, and fire investigation.

*Recommended Course Preparation:* FST 1 with a minimum grade of C

**FST 5 FIRE PROTECTION SYSTEMS 3.0 Units**

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

**FST 6 CONSTRUCTION FIRE PROTECTION 3.0 Units**

This course provides the components of building construction related to fire and life safety. The elements of construction and design of structures are shown to be key factors when

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inspecting buildings, preplanning fire operations, and operating at fire and collapse emergencies. Development and evolution of building and fire codes will be studied in their relationship to past fires and collapses in residential, commercial, and industrial occupancies.

*Recommended Course Preparation: FST 1 with a minimum grade of C*

**FST 7 FIRE SERVICE CONDITIONING 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 or 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., Ladder 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.

**FST 12 ACADEMY- FIREFIGHTER 1 AND 2 17.0 Units**

This course provides the skills and knowledge needed for the entry-level firefighter to perform structural suppression activities, wildland fire suppression activities and hazardous materials mitigation and containment activities. This course covers topics in both Firefighter 1 and Firefighter 2 in accordance with the California State Fire Marshall 2019 Curriculum.

*Prerequisite: EMS 30 with a minimum grade of C, or A valid State of California EMT or PARAMEDIC license issued by the CA EMSA, and FST 1 with a minimum grade of C and FST 7 with a minimum grade of C, or A valid CPAT (Candidate Physical Agility Test), or a BIDDLE (Firefighter Physical Agility) test.*

*This course has a materials fee of \$675.*

**FRENCH**

**FREN 1A BEGINNING FRENCH 5.0 Units**

This introductory level course will enable students to begin speaking, reading and writing elementary level French as well as understanding the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts.

*Recommended Course Preparation: Eligibility for ENG 1A*

**GEOGRAPHY**

**GEOG 1 INTRO TO PHYSICAL GEOGRAPHY 3.0 Units**

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

Geographic Information Systems (GIS) and Global Positioning Systems (GPS).

**GEOG 1L INTRO. PHYSICAL GEOGRAPHY LAB 1.0 Units**

This course is designed to provide supplemental exercises in topics covered in physical geography lecture. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis.

*Prerequisite: GEOG 1 with a minimum grade of C (may be taken concurrently)*

**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.

**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.

**GEOG 12 GEOGRAPHY OF CALIFORNIA 3.0 Units**

A thematic approach to the state's issues, processes and topics relevant to geography including climate, landforms, natural vegetation, water resources, cultural landscape, ethnic diversity, urban and agricultural regions, and the economy. This course explores the physical, and human landscapes that have evolved as a result of the human-environment interface.

**GEOLOGY**

**GEOL 1 PHYSICAL GEOLOGY 3.0 Units**

The Earth, its materials, its internal and external processes, and its development through time. Emphasis is placed on a thorough global understanding of Plate Tectonics as a framework and foundation for subsequent geologic topics and concepts. Topics include volcanoes, earthquakes and seismology, the Geologic Time Scale and the formation of the earth, rocks and minerals, hydrology, erosion, beach systems, environmental geology, glaciation, groundwater, etc. Course content includes the difference between theory and fact and the historical development of key geologic concepts. This is the foundation course for almost all subsequent geology courses for both geology majors and non-majors.

*The Geology 1 lab (GEOL 1L) may be taken concurrently with the lecture (GEOL 1) 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.*

**GEOL 1L PHYSICAL GEOLOGY LABORATORY 1.0 Units**

Laboratory course to supplement the physical geology lecture course. Introduction to the materials and techniques of geology. Includes minerals, rocks, topographic and geologic maps, structural geology, identification and interpretation of landforms, geologic time and relative age dating analysis, etc.

*Prerequisite: GEOL 1 or GEOL 5 or GEOL 7 with a minimum grade of C (May be taken concurrently).*

*The Geology 1 lab (GEOL 1L) may be taken concurrently with the lecture (GEOL 1) 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.*

**GEOL 7 ENVIRONMENTAL GEOLOGY:RESOURCE 3.0 Units**

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

**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.

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

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

*Prerequisite: GEOL12 (may be taken concurrently).*

## GLOBAL STUDIES

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

This course looks at the economic and political forces that have led to rapid changes in global interaction and culture over the past century, with special emphasis on the last twenty years. It explores the issues of nationalism, global citizenry, state violence, terrorism, the global economy, migration, the threatened environment, technology, and the role of multinational media industries on culture.

*Recommended Course Preparation: SOC 1 and ENG 1A with a minimum grade of C*

*Students who have completed, or are enrolled in, SOC 5 may not receive credit.*

## GRAPHIC DESIGN & DIGITAL MEDIA

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

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

**GDDM 45A DIGITAL PAINTING I 3.0 Units**

Students will be introduced to fundamental techniques of digital painting as well as hardware and software considerations. Students will create paintings from observation as well as

from imagination. Course will focus on translating traditional painting principals into the digital realm.

*Recommended Course Preparation: GDDM 53 with a minimum grade of C, ARTS 2A with a minimum grade of C*

**GDDM 45B DIGITAL PAINTING II 3.0 Units**

Students will build upon the fundamental techniques of digital painting. Students will create paintings from references as well as from imagination, paying close attention to lighting and color. Course will focus on development of style for commercial illustration.

*Prerequisite: GDDM 45A with a minimum grade of C*

*Recommended Course Preparation: GDDM 53 and ARTS 2A with a minimum grade of C*

**GDDM 51 COLOR THEORY 3.0 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 and creative and technical aspects of color.

**GDDM 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. In-class focus on type legibility, readability, and visual appropriateness.

*Recommended Course Preparation: GDDM 54, and GDDM 64 with a minimum grade of C*

**GDDM 53 PHOTOSHOP I 3.0 Units**

Technical and skill development course using the most recent version of Adobe Photoshop at the introductory to create and manipulate digital images, photographs and illustrations. Emphasis on basic to lower-intermediate level techniques and tools used to create image files suitable for print and screen. Design principles emphasized to create effective output through computer-based composition.

*Recommended Course Preparation: GDDM 50 and GDDM 51 with a minimum grade of C*

**GDDM 54 ILLUSTRATOR I 3.0 Units**

Technical and drawing skill development course using the latest version of Illustrator at the basic- to intermediate- level to render 2-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.

*Recommended Course Preparation: GDDM 50 with a minimum grade of C*

**GDDM 55 WEB DESIGN I 3.0 Units**

This introductory web design course takes a visual communications approach to the creation of web sites, and the fundamental techniques required to format text, illustrations,

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tables, and images for the web. Emphasis is placed on appropriate design for the web - beginning with a graphic user interface balanced with HTML5 code and CSS3 hand-coding that is functional, logical, and attractive, and bringing the concept to life using Dreamweaver. The course also includes detailed instructions on how to use Dreamweaver to create web content, as well as an introduction to Content Management Systems such as WordPress, Joomla! and Drupal.

*Recommended Course Preparation: GDDM 50 with a minimum grade of C*

**GDDM 56 INTRODUCTION TO GRAPHIC DESIGN 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.

**HEALTH**

**HEA 1 INTRO TO PERSONAL HEALTH 3.0 Units**

An exploration of major health issues and behaviors in the various dimensions of health (physical, emotional, intellectual/mental, social, spiritual, and environmental). Emphasis is placed on individual responsibility for personal health and the promotion of informed, positive health behaviors. Topics include psychological health, mental health, stress management, nutrition, exercise, weight management, chronic and infectious diseases, healthy relationships, sexual health, drug use and misuse, aging, and the health care system.

**HEA 3 WOMENS HEALTH 3.0 Units**

Physiological, psychological, social, cultural, and political influences on women's health. Emphasis on diversity of women's health experiences and factors involved with both population level health outcomes and individual decision-making. Focus on empowerment for primary prevention.

**HEA 7 INTRODUCTION TO PUBLIC HEALTH 3.0 Units**

An introduction to the discipline of Public Health including basic concepts and terminologies of public health, as well as the history and accomplishments of public health professionals and agencies. An overview of the functions of various public health professions and institutions, and an in-depth examination of the core public health disciplines will be covered. Topics include epidemiology of infectious and chronic diseases; prevention and control of diseases in the community; analysis of the social determinants of health; health disparities among various populations; strategies for disease reduction; community organizing and health promotion programming; environmental health and safety; global health; and healthcare policy.

*Recommended Course Preparation: Eligibility for ENG 1A*

**HISTORY**

**HIST 1 WESTERN CIVILIZATION TO 1600 3.0 Units**

This course traces the origins and development of Western civilization from its beginnings in the Ancient Near East, the Fertile Crescent, and the Middle East, through its expansion into Greece, Rome, and the rest of Europe. Topics include the rise and expansion of Christianity and Islam, the Middle Ages, the Renaissance, and the Protestant Reformation

**HIST 4 WORLD HISTORY SINCE 1500 3.0 Units**

This course covers the experience of all the world's people from the early modern era to the present. Emphasis is upon the interaction of people with the environment based on the development of technology and conflict between traditional systems and new(er) orders. Broader forces that affect civilizations such as borderlands, exploration and travel, gender and class will be studied.

**HIST 7 US HIST.THROUGH RECONSTRUCTION 3.0 Units**

A survey of United States history from its pre-colonial, indigenous origins through the end of Reconstruction. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the interaction amongst and the experiences of diverse racial, ethnic and socioeconomic groups in American History, and (3) the evolution of American institutions and ideals including the U.S. Constitution, the operations of the U.S. government, and the rights and obligations of U.S. citizens under the Constitution.

**HIST 8 US HIST. POST-RECONSTRUCTION 3.0 Units**

History of the United States from the post-Civil War period to the present. Emphasis on (1) distinctively American patterns of political, economic, social, intellectual and geographic developments, (2) the framework of California state and local government, and the relationship between state/local government and the federal government.

**HIST 14 AMERICAN CULTURES OF CALI. 3.0 Units**

The history of California from its pre-contact societies to the present, with particular attention to the following periods: Spanish exploration and colonization; the Mexican Revolution; American conquest and the Gold Rush; the Progressive Era; the Great Depression and World War II; and the social movements of the 1960's. In addition to exploring the major political, economic, technological, social, cultural, and environmental developments that have shaped California's history, this course will focus on the distinct and overlapping experiences of the state's Native American, Latino American, African American, Asian American, and European American populations.

**HIST 25 AMERICAN INDIAN HISTORY 3.0 Units**

Historical survey of American Indians in the United States from earliest times to the present day. Emphasis on Indian societies and cultures, Indian relations with predominant cultures, Indian movement for self-preservation and historical background necessary to understand contemporary problems of the Indians. Emphasis on the Indians of California and the West.

**HIST 32 U.S. WOMENS HISTORY 3.0 Units**

A survey of United States women's history from its indigenous origins through the present. This course emphasizes the interaction and experiences of diverse racial/ethnic groups that include at least three of the following groups: African-



Americans, Chicana/Latina Americans, Asian Americans, European Americans, and Native Americans. Special areas of focus include women's role in the political, economic, social, and geographic development of the United States.

## HORTICULTURE

### **HORT 50 INTRODUCTION TO HORTICULTURE 3.0 Units**

Botanical nomenclature, anatomy and physiology, plant growth, and development are presented. Soils, media, fertilizers, and watering methods are discussed. Preliminary Landscape design, installation and maintenance is included. Current practices of plant propagation, plant disorders and pest management, and 21st Century horticulture trends will be explored. (8 hours of lab to be scheduled on Saturdays which may include one or more field trips)

### **HORT 54 LANDSCAPE AND VINEYARD SOILS 3.0 Units**

This course is a study of the physical, chemical and biological properties of soil. Areas of study will include: soil classification, derivation, uses, function and management including erosion, moisture retention, structure, cultivation, organic matter and microbiology. There is a focus on vineyard and landscape planting media, soil substitutes, hydroponics, and amendments to improve and promote plant growth which includes plant and vine nutrition, essential nutrients required for plant growth and healthy development. There will be instruction covering materials used for fertilizers which includes material origins, use, and application; and irrigation systems which will cover materials required for basic irrigation systems used in vineyard and landscape settings.

*Students that take VWT 12 may not receive credit for HORT 54.*

### **HORT 60 LANDSCAPE IRRIGATION SYSTEMS 3.0 Units**

Planning, design, engineering, construction, and maintenance of sprinkler and drip irrigation systems for landscape, garden, and turfgrass use. Principles of hydraulics, layout, and equipment application. Irrigation system equipment, components, methods of installation and repair. Principles and techniques of water conservation and plant-water-soil relations.

### **HORT 73 COMPUTER AIDED DESIGN 3.0 Units**

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

*Students who have completed or are enrolled in INTD 40 may not receive credit.*

## HUMANITIES

### **HUMN 2 INTRODUCTION TO FILM STUDIES 3.0 Units**

Introduction to film aesthetics, styles, and devices, as well as film theory and critical approaches to film analysis. Overview of film history, in addition to film production, technology, and distribution. Emphasis on diverse responses to the art form of cinema and its impact on contemporary culture.

### **HUMN 3 INTRODUCTION TO HUMANITIES 3.0 Units**

Introduction to the analysis and appreciation of theater, film, music, poetry, architecture, and the visual arts (e.g. painting and sculpture).

### **HUMN 4 GLOBAL CINEMAS 4.0 Units**

Global cinema traditions analyzed through historical, political, cultural, commercial, and artistic perspectives. Screenings and interpretation of representative films from a variety of national and cultural film traditions from around the world, including films from Latin American, U.S., Asian, European, African, and Middle Eastern contexts.

### **HUMN 10 AMERICAN ARTS AND IDEAS 3.0 Units**

Humanities in the United States. Explored through major works of literature, painting, sculpture, architecture, film, music, philosophy, technology, religion, political and social institutions that reflect the values and meanings of the American cultural experience. Particular attention paid to the experience and contributions of various culture groups (African Americans, Asian-Americans, European-Americans, American Indians, and Latino Americans).

### **HUMN 11 CULTURE AND THE ARTS I 3.0 Units**

A survey of the artistic and intellectual accomplishments of human cultures from the Ancient to Early Renaissance Eras. Emphasis is on the study of ancient to medieval painting, sculpture, architecture, music, literature, theater, religion, and philosophy from both Western and non-Western cultures.

### **HUMN 28 WORLD MYTHOLOGY 3.0 Units**

Introduction to world mythology, including classical mythology, and the mythic themes recurring in literature, the visual arts, and music. Introduction to the major theories used to evaluate mythology. Exploration of myths about creation, destruction, gods, humans, heroes, tricksters, as well as their origins, variation, historical development, and full expression in ancient times and continued presence in the arts.

## INTERIOR DESIGN

### **INTD 5 PRINCIPLES OF INTERIOR DESIGN 3.0 Units**

Elements and principles of design as they apply to interior design. Emphasis on the use of color and texture in the selection of home furnishings.

### **INTD 30 FUNDAMENTALS OF LIGHTING 3.0 Units**

Residential and commercial lighting systems as they apply to what constitutes a well-lit interior space. Includes an investigation of current lighting types and lighting resources.

### **INTD 40 COMPUTER AIDED DESIGN 3.0 Units**

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

*Students who have completed or are enrolled in HORT 73 may not receive credit.*

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## JOURNALISM AND MEDIA STUDIES

### JAMS 1 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.

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

### JAMS 3 INTRO TO PUBLIC RELATIONS 3.0 Units

Introduction to the principles, history, development, and professional practice of modern public relations. Includes concepts of planning and executing effective communication strategies, including message design and distribution, for any organization.

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

### JAMS 21A 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.

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

### JAMS 21B 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: JAMS 21A with a minimum grade of C*

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

### JAMS 21C 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 newscasts, an infographics, and reader surveys. The course includes ethical, practical, and legal issues in journalism. Students should serve in a leadership role.

*Prerequisite: JAMS 21B with a minimum grade of C*

### JAMS 21D EXPRESS COLLEGE NEWSPAPER D 3.0 Units

An applied capstone course in which students practice and refine advanced journalism skills, including recognizing, acquiring, producing, and distributing content for the print

and online editions of the student newspaper, the Express. Focus is on completing a portfolio project, exploring career opportunities in the field, leading others, editing the work of others, improving writing and multimedia skills, and improving the Express. Students work to develop advanced abilities in writing, photojournalism, business management, graphic arts, design, social media, leadership, and editing skills. The course includes ethical, practical, and legal issues in journalism. Student assumes a leadership role and create workshops to benefit other staff members.

*Prerequisite: JAMS 21C with a minimum grade of C*

### JAMS 22 EXPRESS EDITORIAL BOARD 1.0 Units

The roles and responsibilities of leaders on the college newspaper, the Express. Practical experience participating in editorial board meetings, setting policy for the newspaper, and leading in the decision-making process for issue planning, budgeting, and the development of the newspaper. Enrollment is limited to student leaders on the Express.

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

### JAMS 24A MAGAZINE: COLLEGE MAGAZINE A 3.0 Units

Creation of a journalistic-style student magazine. Emphasis is placed on developing content, writing in-depth magazine articles, producing photographs and other visual elements, correlating copy and visuals, laying out pages in the production process, copy editing, promoting advertising, managing the business-side of the magazine, and exploring ethical issues.

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

### JAMS 24B MAGAZINE: COLLEGE MAGAZINE B 3.0 Units

Leadership in the creation and promotion of a journalistic-style student magazine, including development of skills in areas of social media and multimedia. Emphasis is placed on practicing and refining intermediate-level journalism skills while developing content, writing in-depth magazine articles, producing photographs and other visual elements, correlating copy and visuals, laying out pages in the production process, copy editing, promoting advertising, managing the business-side of the magazine, and exploring ethical issues.

*Prerequisite: JAMS 24A with a minimum grade of C*

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

## KINESIOLOGY - ACTIVITY COURSES -

### KIN AR1 ARCHERY 1 - BEGINNING ARCHERY 1.0 Units

Covers the fundamental techniques of archery, terminology, accessories, and history of the sport. Students will acquire knowledge in the safe use and proper care of equipment, along with range safety. Practice and class competitions are provided to enhance skill development.

### KIN BD1 BADMINTON 1 1.0 Units

Introduction to the fundamental techniques of badminton (for example, the forehand and backhand serve, service return, and lob shots). Course will also include grip, footwork, rules, equipment and court dimensions.

### 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.

*Recommended Course Preparation: KIN BD1 with a minimum grade of C*

**KIN BD3 BADMINTON 3 1.0 Units**  
 Badminton strategy for singles and doubles play. The body's physiological responses to singles and doubles play will be examined.  
*Recommended Course Preparation: KIN BD2 with a minimum grade of C*

**KIN BL1 BOWLING 1 1.0 Units**  
 This course is designed to give the student the opportunity to learn the basic skills, terminology, and etiquette of bowling and be able to participate in a league type bowling program.  
*The class will be conducted at an off-campus bowling establishment. Facility use fee required. To be paid throughout the semester at the facility.*

**KIN BL2 BOWLING 2 1.0 Units**  
 This course teaches the fundamental skills of bowling with emphasis on form, terminology and scoring. The student will have the opportunity for class competition.  
*Recommended Course Preparation: KIN BL1 with a minimum grade of C*  
*The class will be conducted at an off-campus bowling establishment. Facility use fee required. To be paid throughout the semester at the facility.*

**KIN BL3 BOWLING 3 1.0 Units**  
 This course teaches intermediate skills of bowling with emphasis on etiquette, terminology and equipment. The student will have the opportunity for class competition. The class will be conducted at an off campus bowling establishment. Facility use fee required. To be paid throughout the semester at the facility.  
*Recommended Course Preparation: KIN BL2 with a minimum grade of C*  
*The class will be conducted at an off-campus bowling establishment. Facility use fee required. To be paid throughout the semester at the facility.*

**KIN BL4 BOWLING 4 1.0 Units**  
 This course teaches advanced skills of bowling with emphasis on form, rules, and etiquette. The student will have the opportunity for class competition. The class will be conducted at an off-campus bowling establishment. Facility use fee required. To be paid throughout the semester at the facility.  
*Recommended Course Preparation: KIN BL3 with a minimum grade of C*  
*The class will be conducted at an off-campus bowling establishment. Facility use fee required. To be paid throughout the semester at the facility.*

**KIN FJW1 FITNESS JOG WALK 1 1.0 Units**  
 This course is an introduction to a cardiovascular activity that will benefit anyone, regardless of age or fitness level. Individualized walking programs are designed to promote general overall fitness. Jogging and walking skills will be improved through the practice of effective and technically correct movement patterns.

**KIN FJW2 FITNESS JOG WALK 2 1.0 Units**  
 This is a progressive continuation course to Fitness Jog Walk 1. The proper technique and fundamental principles of training for this activity will be reviewed. Basic exercise physiology will be discussed. The student will be given training regimens to increase their pace, speed, distance and endurance for middle distances i.e.) 5K - 10K. Nutritional requirements and dietary advice will be presented. Training logs will be used to document performance. Pre and post walk/jog assessments will be done to establish a baseline of conditioning and reflect increases in performance.  
*Recommended Course Preparation: KIN FJW1 with a minimum grade of C*

**KIN FJW3 FITNESS JOG WALK 3 1.0 Units**  
 This is a progressive continuation course to Fitness Jog Walk 2. The course will continue to enhance one's knowledge of using walking/jogging in competition, whether it be cross country events, local race events, fun runs or competitive recreational events. Emphasis will be on speed work, terrain training, endurance development and training for varying outdoor weather conditions. The physiological and psychological aspects of competitive activity is presented. Training regimens and performances will be documented in logs for assessment and training adjustments. Nutritional and treatment of typical chronic orthopedic injuries will be discussed. Extracurricular and off campus events will be encouraged.  
*Recommended Course Preparation: KIN FJW2 with a minimum grade of C*

**KIN FJW4 FITNESS JOG WALK 4 1.0 Units**  
 This is a progressive continuation course to Fitness Jog Walk 3. This course focuses on walking and/or jogging to enhance one's cardiovascular fitness, body composition, and overall general health. This course is ideal for the general population to begin or continue a lifetime of exercise. Walking/Jogging techniques, training intensity assessment, methods for improvement and personal programs will be provided during the course. With consistent practice and implementing sound fitness principles provided by this course, one will benefit from participation. Proper jog/walk technique, progressive training programs, nutrition, hydration, and injury prevention will be addressed.  
*Recommended Course Preparation: KIN FJW3 with a minimum grade of C*

**KIN GBW1 GUTS AND BUTTS WORKOUT 1 1.0 Units**  
 This course will focus on improving muscle strength and endurance of the abdominals, gluteals, quadriceps, and hamstrings. Functional exercises such as squats, lunges and planks will be utilized.

**KIN GBW2 GUTS AND BUTTS WORKOUT 2 1.0 Units**  
 This course will focus on strengthening the core and glute muscles. Students will learn how to use equipment such as steps, TRX, swiss balls, and dumbbells to increase exercise intensity.  
*Recommended Course Preparation: KIN GBW1 with a minimum grade of C*

**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.*

**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 will be offered at a local golf range and student will be charged a minimal fee for bucket of balls to be used.*



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**KIN GF3 GOLF 3 1.0 Units**  
Advanced technical aspects of golf match play will be included. Additionally, psychological skills for the elite golfer will be incorporated including visualization, pre-shot routines, relaxation methods and self-talk strategies.

*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.*

**KIN GF4 GOLF 4 1.0 Units**  
This course will provide elite golfers with a detailed technical appreciation of the game. Furthermore, a psychological analysis of self-efficacy, arousal regulation, concentration and focus will be applied to golf.

*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.*

**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, health/wellness education, and behavior modification. Students' fitness will be tested at the beginning and at the end of the semester to determine if the student achieved their goals.

**KIN VB1 VOLLEYBALL BEGINNING 1.0 Units**  
Provides instruction on the individual and team skills and strategies of volleyball.

**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.  
*Recommended Course Preparation: KIN VB1 with a minimum grade of C*

**BEFORE ENROLLING student should have proficiency in the skills of passing and setting.**

**KIN VB3 VOLLEYBALL ADVANCED 1.0 Units**  
Advanced techniques of volleyball with emphasis on competitive play.  
*Recommended Course Preparation: KIN VB2 with a minimum grade of C*

**KIN WT1 WEIGHT TRAINING 1 1.0 Units**  
This course provides an introduction to weight training. Students will learn how to improve muscle strength and muscle endurance through the correct application of basic weight training principles.

**KIN WT2 WEIGHT TRAINING 2 1.0 Units**  
Weight Training 2 is a continuation course to the Basic course WTW1. The Principles of Training, Level 2 terminology and weight training biomechanics will be presented. Level 2 programs and possible variations will be applied in the prescription of the personal weight training program. The course will incorporate lectures on possible injuries and prevention in a more advanced weight training setting. Implementation of goal setting, tracking, analyzing, progressing individual programs will be included.  
*Recommended Course Preparation: KIN WT1 with a minimum grade of C*

**KIN WTW1 WOMENS WEIGHT TRAINING 1 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.

**KIN WTW2 WOMENS WEIGHT TRAINING 2 1.0 Units**  
Women's Weight Training 2 is a continuation course to Women's Weight Training 1. Students will increase muscular strength and/or muscular endurance using weight machines, free weights, and body weight exercises. Implementation of program design and goal setting will be included.  
*Recommended Course Preparation: KIN WTW1 with a minimum grade of C.*

**KIN YO1 YOGA 1 1.0 Units**  
This is an introductory course exploring the principles of Hatha Yoga and how they apply to achieving lifetime fitness. Emphasis is on developing awareness of body alignment, balance, and flexibility through a series of exercises and poses. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course.

**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.  
*Recommended Course Preparation: KIN YO1 with a minimum grade of C*

**KIN YO3 YOGA 3 1.0 Units**  
This is an intermediate/advanced Hatha Yoga course that introduces the student to a variety of Yoga styles and meditation practices. Gentle, Restorative, and Vinyasa Yoga along with various meditation techniques will be practiced, improving concentration, physical endurance, flexibility, balance, and posture. The course integrates intermediate breathing techniques to deepen the level of introspection in both poses and meditation. Basic Sanskrit terminology will be introduced. Emphasis will be placed on mindfulness and strengthening the mind/body connection.  
*Recommended Course Preparation: KIN YO1 and KIN YO2 with a minimum grade of C*

**KIN YO4 YOGA 4 1.0 Units**  
This course introduces the student to the advanced practice of Yoga and meditation. Students learn the practice of vigorous Vinyasa flow to improve concentration, physical endurance, flexibility, balance and posture. This course integrates Yoga philosophy and advanced breathing techniques to deepen the mind/body connection and reduce stress.  
*Recommended Course Preparation: KIN YO1 and KIN YO2 with a minimum grade of C*



## KINESIOLOGY - INTERCOLLEGIATE ATHLETICS -

**KIN 32A FALL INTERCOLLEG. MENS BBALL 3.0 Units**  
Basketball training for intercollegiate competition. Daily practice for advanced skill development will occur. Fall semester.

**KIN 38B INTERCOLLEGIATE MENS SOCCER 3.0 Units**  
Training for intercollegiate competition at collegiate level. Practice will take place which will include training students to perform at the college individual for intercollegiate competition in the sport of soccer using such skills as passing, receiving and heading as well as offensive and defensive strategies. Students must meet California Community College eligibility requirements as established by the California Commission on Athletics.  
*Recommended Course Preparation: KIN 38A with a minimum grade of C*

**KIN 40B IN SEASON WOMENS VOLLEYBALL 3.0 Units**  
Intercollegiate competition in the sport of women's volleyball.  
*Recommended Course Preparation: KIN 40A with a minimum grade of C and/ or Ability to demonstrate the following skills: bump, set, spike, serve.*

**KIN 41A PRE-SEASON WOMENS BASKETBALL 1.0 Units**  
PRE-SEASON CONDITIONING FOR INTERCOLLEGIATE BASKETBALL (WOMEN) This course is designed to provide the student with an opportunity to develop the skills and physical conditioning, along with the understanding of basketball at the of basketball at the advanced level in preparation for intercollegiate competition. Skills such as dribbling, passing, shooting, defensive and offensive strategies will be presented and practiced. Team play and sportsmanship are important priorities that are emphasized in this class. Fall semester.

**KIN 41B FALL INTERC. BASKETBALL-WOMEN 1.5 Units**  
Training for intercollegiate competition. Daily practice. Fall Semester

**KIN 48B INTERCOLLEGIATE WOMENS SOCCER 3.0 Units**  
Instruction and intercollegiate competition is offered in this sport to those students who are selected, based on tryouts, prior to the start of the sport season.  
*Recommended Course Preparation: KIN 48A with a minimum grade of C*

**KIN 50A PRE-SEASON INTERCOLL. SWIMMING 2.0 Units**  
This course is designed to give student-athletes participating in intercollegiate swimming and diving the opportunity to enhance fitness levels and skills prior to competition season. Course content will include technique, aerobic conditioning, race specific training, and dryland/weight training.  
*Recommended Course Preparation: KIN SW3 with a minimum grade of C*

**KIN 60 INTERCOLLEG. WATER POLO- MENS 3.0 Units**  
This course is for Intercollegiate Men's Water Polo competition conducted through the NCAA and CCCAA. Defensive and offensive strategies, swimming mechanics, and water polo ball skills appropriate to intercollegiate athletic competition will be expected of the participants. This course may be taken four times for credit.  
*Recommended Course Preparation: KIN SW3 and KIN WP1 with a minimum grade of C*

**KIN 65 INTERCOLL. WATER POLO- WOMENS 3.0 Units**  
This course is for Intercollegiate Women's Water Polo competition conducted through the NCAA and CCCAA. Defensive and offensive strategies, swimming mechanics, and water polo ball skills appropriate to intercollegiate athletic competition will be expected of the participants. This course may be taken four times for credit.  
*Recommended Course Preparation: KIN SW3 and KIN WP1 with a minimum grade of C*

## KINESIOLOGY - THEORY COURSES -

**KIN 5 SPORTS MANAGEMENT 3.0 Units**  
Course content includes how to organize, manage, plan, staff, direct, and control a sports program. Furthermore, areas such as Title IX, budget, facilities management, sports law, scheduling, officials, sports marketing, transportation, public relations, parent and booster clubs, purchase and care of athletic equipment, fund raising. This course will provide an overview of the many careers available in the sports management industry.

**KIN 6 PERSONAL TRAINER 3.5 Units**  
This course emphasizes the theoretical and hands on skills required of personal trainers, coaches and fitness professionals. This course will bridge the gap between exercise science, kinesiology and practical hands-on learning by integrating the latest in scientific and physiologically based research. This class will have lectures, labs, group work/discussions and assignments.

**KIN 17 INTRO ATHLETIC TRNG/SPORTS MED 4.0 Units**  
Basic taping skills, introduction to modality usage, and basic rehabilitation principles of athletic training. Designed to be preparatory for further education and a career in Athletic Training and or other Sports Medicine related fields. May include work with intercollegiate sports programs. Legal and ethical issues, professionalism, organization and administration of a sports medicine facility. This course is focused on preparing those interested in becoming Athletic Trainers and Coaches.  
*This course has a materials fee of \$35*

**KIN 18A ATHLETIC TRAINING PRACTICUM 1 1.0 Units**  
Designed to provide clinical experience for students interested in sports-related injury care and prevention. Organization of a clinical facility and management of game day operations. Experiences will include taping for prevention of injury, use of modalities for the treatment and/or rehabilitation of injuries, stretching techniques, identify and manage emergency situations.  
*Prerequisite: KIN 17 with a minimum grade of C*

**KIN 18B ATHLETIC TRAINING PRACTICUM 2 1.0 Units**  
This course will expose students to injury evaluation, methods of diagnosis and rehabilitation. The student will help make return to play decisions based on the knowledge they have

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learned in their coursework. The students will develop and administer conditioning programs to Las Positas College athletes with the guidance of the Certified Athletic Trainer.

*Prerequisite: KIN 18A with a minimum grade of C*

**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.

**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.

**LGBT STUDIES**

**LGBT 1 INTRO TO LGBTQ STUDIES 3.0 Units**

A broad exploration of queer theory and its relationship to gay and lesbian studies, feminist theory, and intersectionality. Emphasis on theoretical and philosophical underpinnings of queer theory, social construction and essentialism, postmodernist theory, politics, LGBT studies and queer culture. Examines LGBTQ issues from psychological, bio-medical, sociological, political, racial and sexual perspectives.

**LIBRARY SKILLS**

**LIBR 1 WORKING WITH SOURCES 1.0 Units**

Introduction to using sources as supporting documentation in a college level research project. Teaches the skills needed to successfully find, evaluate, use, cite, and document information using library and open web sources. Focus on identifying appropriate sources and proper use of sources. Students will learn to distinguish between source types, how to avoid plagiarism, and how to use sources in their research projects.

**MARKETING**

**MKTG 50 INTRODUCTION TO MARKETING 3.0 Units**

Marketing as a value exchange process involving all societal members; an overview of product development, pricing, placement, and promotion; Target markets including the demographic and behavioral dimensions of markets; analyses of marketing placement and pricing strategies and the social, cultural, economic, competitive and legal factors affecting marketing mix decisions.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

**MKTG 56 MARKETING STRATEGIES 3.0 Units**

Current marketing trends, strategies, and techniques. Introduction to online and social media marketing. The promotional process and techniques in the development of effective content creation and branding. Advanced theories, principles, and practices of customer service, customer loyalty, and the customer experience.

**MKTG 61 PROFESSIONAL SELLING 3.0 Units**

Principles and techniques involved in selling products, ideas, and/or services. Focus is on building relationships with others, identifying the reasons a purchase decision may be made. Includes buying motives, communication options, developing commonalities, sales call planning, ethics, follow-up contacts, and customer service. Interactions for face-to-face and online encounters; professional and technical products; consultants; and anyone wanting to improve their interactions with others.

**MATH**

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**MATH - MATH EMPORIUM CLASSES -**

**MATH EMPORIUM**

The Math Emporium is a mode in which students have the ability to complete their transferrable math courses in a personalized mode. This mode allows students to self-accelerate through the material in a way that is unique to each student's needs. Students will need to complete each module's preparation material before testing and then decide when they are ready to take a test.

For more information, including technology requirements, go to the Mathematics Department website at <http://www.laspositascollege.edu/mathemporium>.

**MATH 30 COLLEGE ALGEBRA FOR STEM 4.0 Units**

College algebra core concepts relating to Science, Technology, Engineering and Mathematics (STEM) and Business fields are explored, such as: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; and analytic geometry. Multiple representations, applications and modeling with functions are emphasized throughout.

*Prerequisite: Intermediate Algebra or a higher level of mathematics.*

*Corequisite: Students must also enroll in the corequisite support course*

MATH 101C or NMAT 201C.

Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 201C or a 1 unit credit MATH 101C for individualized, interactive support in College Algebra. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. Materials may be borrowed from the LPC Library or purchased in the bookstore.

**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.

Prerequisite: Intermediate Algebra or a higher level of mathematics.

Students are strongly encouraged to enroll in a tuition-free noncredit NMAT 201C or a 1-unit credit Math 101C for individualized, interactive support in Trigonometry. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. Materials may be borrowed from the LPC Library or purchased in the bookstore.

**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.

Prerequisite: Intermediate Algebra or a higher level of level of mathematics.

Students are strongly encouraged to concurrently enroll in the corequisite support course MATH 100C or tuition-free, noncredit NMAT 200C. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. Materials may be borrowed from the LPC Library or purchased in the bookstore.

**MATH 47 MATHEMATICS FOR LIBERAL ARTS 3.0 Units**

An introduction to a variety of mathematical concepts for students interested in liberal arts. Intended to cultivate an appreciation of the significance of mathematics in daily life and help develop students' mathematical reasoning. Topics include personal finance, probability and statistics, logic, exponential growth, and graph theory.

Prerequisite: Intermediate Algebra or a higher level of mathematics.

Students are strongly encouraged to concurrently enroll in a tuition-free noncredit NMAT 200C or a 1 unit credit Math 100C for individualized, interactive support in Math for Liberal Arts. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

Internet-based software may be required for some sections of this course. Materials may be borrowed from the LPC Library or purchased in the bookstore.

**MATH - LECTURE CLASSES -**

**LECTURE CLASSES**

Classes taken in these modes are guided by the instructor. Refer to the online schedule for details on each course's requirements.

Students may be required to purchase internet-based software for some math classes. For information about course modalities, please visit: [www.laspositascollege.edu/math/instructionmodes.php](http://www.laspositascollege.edu/math/instructionmodes.php).

**MATH 1 CALCULUS I 5.0 Units**

An introduction to single-variable differential and integral calculus including: functions, limits and continuity; techniques and applications of differentiation and integration; the Fundamental Theorem of Calculus; areas and volumes of solids of revolution.

Prerequisite: MATH 30 and MATH 39 or MATH 38 with a minimum grade of C

Students are strongly encouraged to enroll in a 1-unit credit Math 66C for individualized, interactive support in Calculus I. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

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 2 CALCULUS II 5.0 Units**

Continuation of single-variable differential and integral calculus. Topics covered include: inverse and hyperbolic functions; techniques of integration; polar and parametric equations; infinite sequences, series, power series and Taylor series; applications of integration. Primarily for mathematics, physical science and engineering majors.

Prerequisite: MATH 1 with a minimum grade of C

Students are strongly encouraged to enroll in a 1-unit credit Math 67C for individualized, interactive support in Calculus II. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

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 3 MULTIVARIABLE CALCULUS 5.0 Units**

Vector valued functions, functions of several variables, partial differentiation, multiple integration, change of variables theorem, scalar and vector fields, gradient, divergence, curl, line integral, surface integral, Green's Stokes' and divergence theorem, applications.

Prerequisite: MATH 2 with a minimum grade of C

Students are strongly encouraged to enroll in a 1-unit credit Math 68C for individualized, interactive support in Calculus III. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

A TI-84 or TI-83 calculator or internet-based software may be required for

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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 5 ORDINARY DIFFERENTIAL EQUATION 3.5 Units**

Introduction to differential equations including the conditions under which a unique solution exists, techniques for obtaining solutions, and applications. Techniques include generation of series, solutions, use of Laplace Transforms, and the use of eigenvalues to solve linear systems. Generation of exact solutions, approximate solutions, and graphs of solutions using MATLAB.

Prerequisite: MATH 3 with a minimum grade of C

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 7 ELEMENTARY LINEAR ALGEBRA 3.5 Units**

An introduction to linear algebra including: techniques and theory needed to solve and classify systems of linear equations using Gaussian elimination and matrix algebra; properties of vectors in n-dimensions; generalized vector spaces, inner product spaces, basis, norms, orthogonality; eigenvalues, eigenspaces; and linear transformations. Selected applications of linear algebra, including the use of MATLAB to solve problems involving advanced numerical computation.

Prerequisite: MATH 2 with a minimum grade of C

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 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.

Prerequisite: MATH 1 and CS 1 with a minimum grade of C (May be taken concurrently)

Students who have completed, or are enrolled in, CS 17 may not receive credit.

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 30 COLLEGE ALGEBRA FOR STEM 4.0 Units**

College algebra core concepts relating to Science, Technology, Engineering and Mathematics (STEM) and Business fields are explored, such as: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; and analytic geometry. Multiple representations, applications and modeling with functions are emphasized throughout.

Prerequisite: Intermediate Algebra or a higher level of mathematics.

Corequisite: Students must also enroll in the corequisite support course MATH 101C or NMAT 201C.

Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 201C or a 1 unit credit MATH 101C for individualized, interactive support in College Algebra. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. Materials may be borrowed from the LPC Library or purchased in the bookstore.

Some MATH 30 sections have been developed for specific programs. For students in the Umoja Program contact Kimberly Burks at [kburks@laspositascollege.edu](mailto:kburks@laspositascollege.edu), for the Puente Learning Program contact Rafael Valle at [rvalle@laspositascollege.edu](mailto:rvalle@laspositascollege.edu), for the Veterans Program contact Evelyn Andrews at [eandrews@laspositascollege.edu](mailto:eandrews@laspositascollege.edu), and for Engr Tech Learning Programs contact Jean O'Neil-Opipari at [joneilopipari@laspositascollege.edu](mailto:joneilopipari@laspositascollege.edu).

**MATH 34 BUSINESS CALCULUS 4.0 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: Intermediate Algebra or a higher level of mathematics.

Students are strongly encouraged to enroll in a tuition-free, noncredit NMAT 201C or a 1 unit credit Math 101C for individualized, interactive support in Business Calculus. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

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 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.

Prerequisite: Intermediate Algebra or a higher level of mathematics.

Students are strongly encouraged to enroll in a tuition-free noncredit NMAT 201C or a 1-unit credit Math 101C for individualized, interactive support in Trigonometry. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. Materials may be borrowed from the LPC Library or purchased in the bookstore.

**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.

Prerequisite: Intermediate Algebra or a higher level of level of mathematics.

Students are strongly encouraged to concurrently enroll in the corequisite support course MATH 100C or tuition-free, noncredit NMAT 200C. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

Some MATH 40 sections have been developed for specific programs. For students in the Umoja Program contact Kimberly Burks at [kburks@laspositascollege.edu](mailto:kburks@laspositascollege.edu), and for the Puente Learning Program contact Rafael Valle at [rvalle@laspositascollege.edu](mailto:rvalle@laspositascollege.edu).

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of this course. Materials may be borrowed from the LPC Library or purchased in the bookstore.



**MATH 47 MATHEMATICS FOR LIBERAL ARTS 3.0 Units**

An introduction to a variety of mathematical concepts for students interested in liberal arts. Intended to cultivate an appreciation of the significance of mathematics in daily life and help develop students' mathematical reasoning. Topics include personal finance, probability and statistics, logic, exponential growth, and graph theory.

*Prerequisite: Intermediate Algebra or a higher level of mathematics.*

*Students are strongly encouraged to concurrently enroll in a tuition-free noncredit NMAT 200C or a 1 unit credit Math 100C for individualized, interactive support in Math for Liberal Arts. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>*

*Internet-based software may be required for some sections of this course. Materials may be borrowed from the LPC Library or purchased in the bookstore.*

**MATH 55 INTERMEDIATE ALGEBRA FOR BSTEM 5.0 Units**

Intermediate algebra concepts, in the service of Business, Science, Technology, Engineering and Math (BSTEM) will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout.

*Prerequisite: Elementary Algebra with a minimum grade of C*

*This MATH 55 course is only available for high school students in the Middle College program. To enroll in this course, you must also enroll in the corequisite support course Math 55C-C12 or NMAT 255-C12. For more information about the Middle College program, please contact Amy Brown at [ABrown@laspositascollege.edu](mailto:ABrown@laspositascollege.edu).*

*A TI-84 or TI-83 calculator or internet-based software may be required for the course. Please consult your instructor for more information.*

concepts that are relevant to their Intermediate Algebra course, study strategies that promote understanding and improve performance, and more in-depth investigation of core concepts that are difficult for students to master. Embedded are learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more.

*Corequisite: MATH 55 or NMAT 255*

*To enroll in this support course, a student must also enroll in the corequisite course Math 55-C12. The support course is designed to aid in successfully completing algebra and help students develop the learning skills necessary to succeed in college courses.*

**MATH 66C SUPPORT FOR CALCULUS I 1.0 Units**

This course offers structured support to students who are concurrently enrolled in Calculus I. The support course includes material to prepare students for the rigor of the calculus course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic, geometric and trigonometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite: MATH 1 - This is a one-way corequisite for MATH 1. However, not everyone taking Math 1 would have to take this MATH 66C concurrent support course.*

*This is a recommended support course for students currently enrolled in MATH 1. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. There is no materials fee for this course. For more information please visit: <https://www.laspositascollege.edu/math/mathjam.php>.*

**MATH 67C CONCURRENT SUPPORT CALCULUS II 1.0 Units**

This course offers structured support to students who are concurrently enrolled in Calculus II. The support course includes material to prepare students for the rigor of the calculus course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic, geometric and trigonometric concepts, and more concurrent math course.

*Corequisite: MATH 2 - This is a one-way corequisite for MATH 2. Everyone taking this MATH 67C concurrent support course must be taking a MATH 2 class concurrently. However, not everyone taking MATH 2 would have to take this MATH 67C concurrent support course.*

*This is a recommended support course for students currently enrolled in MATH 2. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. There is no materials fee for this course. For more information please visit: <https://www.laspositascollege.edu/math/mathjam.php>*

**MATH 68C CONCURRENT SUPPORT CALCULUS III 1.0 Units**

This course offers structured support to students who are concurrently enrolled in Calculus III. The support course includes material to prepare students for the rigor of the calculus course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic, geometric and trigonometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite: MATH 3 - This is a one-way corequisite for Math 3. Everyone taking this Math 68C concurrent support course must be taking a Math 3 class concurrently. However, not everyone taking Math 3 would have to take this Math 68C concurrent support course.*

**MATH  
- ALL CONCURRENT SUPPORT -**

**ALL CONCURRENT SUPPORT COURSES**

These Recommended Course Preparation 1-unit lab courses are aligned with your math course and designed with innovative strategies to provide math and learning support while taking a math course. Whether your math class is foundational or transfer level, the concurrent support provides assistance in understanding the content in your current math course while learning essential study skills necessary to succeed in college courses.

*These classes are offered for credit or tuition-free (noncredit), with the exception of MATH 66C, 67C, and 68C.*

**MATH 55C CONCURRENT SUPPORT INT. ALGEBRA 1.0 Units**

This course is concurrent support for Intermediate Algebra. The course is designed to provide additional, formal support to students who are currently taking an Intermediate Algebra. It includes a review of arithmetic, algebraic and geometric

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**MATH 100C CONCURRENT SUPPORT SLAM MATH 1.0 Units**

Concurrent Support for SLAM Math is for students interested in disciplines that require Statistics and Liberal Arts Mathematics (SLAM) courses. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as Statistics and Mathematics for Liberal Arts, and Finite Mathematics. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

Corequisite: MATH 40 or MATH 47 or MATH 33

*This is a Recommended Course Preparation support course for students currently enrolled in Math 27, Math 33, Math 40 or Math 47. It is designed to prepare students for the rigor of the SLAM (Statistics and Liberal Arts Mathematics) transfer-level courses and develop the learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C). There is no materials fee for this course. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>*

**MATH 101C CONCURRENT SUPPORT BSTEM MATH 1.0 Units**

Concurrent Support for BSTEM Mathematics is for students interested in Business, Science, Technology, Engineering and Mathematical fields. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as College Algebra, Trigonometry, and Business Calculus. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

Corequisite: MATH 30 - This is a one-way corequisite for Math 30. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 30 would have to take this NMAT 201C concurrent support course.

- Or MATH 39 - This is a one-way corequisite for Math 39. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, math 39 or Math 34 class concurrently. However, not everyone taking Math 39 would have to take this NMAT 201C concurrent support course.

- Or MATH 34 - This is a one-way corequisite for Math 34. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 34 would have to take this NMAT 201C concurrent support course.

*This is a Recommended Course Preparation support course for students currently enrolled in Math 30, Math 34, Math 39, Math 1, Math 2 or Math 3. It is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Mathematics) transfer-level courses and develop the learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C). There is no materials fee for this course. For more information please visit: <https://www.laspositascollege.edu/math/mathjam.php>*

**MATH  
- MATH JAM COURSES -**

**MATH JAM COURSES**

Math Jam is a 1-week support course for students who wish to prepare for their upcoming Calculus course prior to the start of the semester. This course is designed to prepare students to register for the calculus sequence with confidence, having learned key math concepts and learning skills necessary to succeed in college courses.

Jams for MATH 30, 39, 34, 40, 47, and 33 preparation are also offered as non-credit classes, including NMAT 264 and NMAT 265. Please see the NONCREDIT MATH section for more information.

For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>.

**MATH 66 MATH JAM FOR CALCULUS 0.5 Units**

Math Jam for Calculus I is a credit course for students preparing for Calculus I. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning basic skills and transfer-level material with the goal of preparing them to be successful in their upcoming class. It is Recommended Course Preparation that students taking this course are enrolled in a calculus course.

*Math Jam for Calculus I is a 1-week support course for students who wish to prepare for their upcoming Calculus I course prior to the semester. This course is designed to prepare students to register for the calculus sequence with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>.*

**MATH 67 MATH JAM FOR CALCULUS II 0.5 Units**

Math Jam for Calculus II is a credit course for students preparing for Calculus II. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning basic skills and transfer-level material with the goal of preparing them to be successful in their upcoming class. It is Recommended Course Preparation that students taking this course are enrolled in a calculus course.

*Math Jam for Calculus II is a 1-week support course for students who wish to prepare for their upcoming Calculus II course prior to the semester. This course is designed to prepare students to register for the calculus sequence with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>.*

**MATH 68 MATH JAM FOR CALCULUS III 0.5 Units**

Math Jam for Calculus III is a credit course for students preparing for Calculus III. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning basic skills and transfer-level material in their upcoming class. It is Recommended Course Preparation that students taking this course are enrolled in a calculus course.

*Math Jam for Calculus III is a 1-week support course for students who wish to prepare for their upcoming Calculus III course prior*

to the semester. This course is designed to prepare students to register for the calculus sequence with confidence, having learned key math concepts and learning skills necessary to succeed in college courses. For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

## MUSIC

### **MUS 1 INTRODUCTION TO MUSIC 3.0 Units**

Music for enjoyment and understanding through informed listening, analysis, evaluation and discernment of musical elements, forms, and repertoire. Attendance at concerts and listening to a variety of music may be required.

### **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.

### **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.

### **MUS 8A THEORY AND MUSICIANSHIP 1 4.0 Units**

Elements of diatonic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Includes keys, modes, scales, tonality, intervals, solfeggio, consonance/dissonance, rhythmic organization, chord structure, chord and interval recognition, melodic and rhythmic dictation, voice leading principles, non-chord tones, four-part voice leading with selected primary and secondary chords, and figured bass realization.

*Recommended Course Preparation: MUS 6, MUS 21A with a minimum grade of C*

### **MUS 10A THEORY AND MUSICIANSHIP 3 4.0 Units**

This course incorporates the concepts from the Mus 8 series. In addition, through analysis and composition, the course will include: introduction to chromatic harmony; secondary/applied chords; modulation; borrowed chords; modulation; borrowed chords; introduction to Neapolitan and augmented-sixth chords. Mus 10A also applies and develops the rhythmic, melodic, and harmonic materials of the musicianship portion of Mus 8 series through ear training, sight singing, analysis, and dictation.

*Prerequisite: MUS 8B with a minimum grade of C*

### **MUS 11 COMMERCIAL MUSIC COMBO 1.0 Units**

For instrumentalists and vocalists who want experience in performing and interpreting small-group commercial music literature. Emphasis will be on articulations, stylistic differences, composition, arranging, and common performance practices.

*Recommended Course Preparation: MUS 18A and MUS 6 with a minimum grade of C*

*Enrollment by audition only.*

### **MUS 13 HISTORY OF ROCK AND ROLL 3.0 Units**

A cultural survey of original American music traditions, forms and trends influenced by cultural, socio-economic, socio-political and economic changes including blues, jazz, early rock, the British Invasion, rap, hip hop culture, Latino rock, heavy metal, jazz-rock fusion, electronic, modern rock, and pop.

### **MUS 15 JAZZ ENSEMBLE 1.0 Units**

This course is for the study, rehearsal, and public performance of standard jazz ensemble literature, with an emphasis on the development of skills needed to perform within an ensemble. New literature will be studied each term so that different technical and artistic issues are addressed. Opportunities to arrange and compose for the ensemble as well as to conduct. Opportunity to apply improvisation techniques in a group setting.

### **MUS 16 PHILHARMONIC ORCHESTRA 1.0 Units**

This course is for the study, rehearsal, and public performance of the standard Classical orchestra literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature is studied each semester so that different technical, historical and artistic issues are addressed. Attendance at all scheduled performances is required.

*Enrollment by audition only.*

### **MUS 17A JAZZ COMBO 1 1.0 Units**

For instrumentalists who want experience in performing and interpreting small-group literature. The music literature will cover important aspects of Jazz band development and works of all styles and periods. Emphasis will be on articulations, stylistic differences, composition, arranging, and common performance practices of the various periods of music.

*Recommended Course Preparation: MUS 18A, MUS 6 with a minimum grade of C*

*Enrollment by audition only.*

### **MUS 21A BEGINNING PIANO 1.0 Units**

Group instruction in piano for the absolute beginner with emphasis on developing technique, reading music, and performing.

*Recommended Course Preparation: MUS 6*

### **MUS 21B INTERMEDIATE PIANO 1.0 Units**

Development of skills learned in Music 21A. Emphasis on further development of technique and performance.

*Prerequisite: Mus 21A with a minimum grade of C*

### **MUS 22A SCORING FILM AND MULTIMEDIA 1 3.0 Units**

Applications and techniques of composition and sound effects for film and other visual media. Musical and technical elements of producing digital audio tracks are covered.

*Recommended Course Preparation: MUS 35 with a minimum grade of C*

### **MUS 22B SCORING FILM AND MULTIMEDIA 2 3.0 Units**

Building on material covered in Scoring for Film and Multimedia 1, students will continue to hone compositional technique for film and other visual media. Upon successful completion of

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this course, students will be prepared to enter the film music industry with necessary skill sets to succeed.

*Prerequisite: MUS 22A and MUS 36 with a minimum grade of C*

**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.

*Recommended Course Preparation: MUS 6*

**MUS 23B ELEMENTARY VOICE II 1.0 Units**

Development of skills learned in Music 23A. Emphasis on further development of vocal production and performance.

*Prerequisite: MUS 23A with a minimum grade of C*

**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.

*Recommended Course Preparation: MUS 21B*

**MUS 31 STUDY OF PIANO 1.0 Units**

Building off of knowledge and skills from MUS 21B, MUS 31 continues development of functional piano skill for intermediate or advanced level.

*Prerequisite: MUS 21B with a minimum grade of C*

**MUS 34 MUSIC IN FILM 3.0 Units**

The class traces the history and development of film music through reading, lecture and film viewing. The class studies the process of film scoring and how music and its relationship to film have changed over the last century. Class includes discussion and evaluation of different compositional styles and learning to listen critically to film scores while viewing movies.

**MUS 35 INTRO TO MUSIC TECHNOLOGY 3.0 Units**

This course introduces the following aspects of music technology: computer skills, principles of sound, and acoustics, MIDI digital audio manipulation, recording and production using a digital audio workstation, audio hardware, and audio in live performance.

**MUS 38 APPLIED LESSONS 1.0 Units**

Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied. The emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance. Enrollment subject to a standardized audition demonstrating basic competencies in technique and musicianship in their major performance medium.

*Corequisites: MUS 8A or MUS 8B or MUS 10A or MUS 10B or MUS 12 or MUS 14 or MUS 15 or MUS 16 or MUS 44 or MUS 45 or MUS 46A or MUS 46B or MUS 48.*

**MUS 38 APPLIED LESSONS- BASS 1.0 Units**

**MUS 38 APPLIED LESSONS- BASSOON 1.0 Units**

**MUS 38 APPLIED LESSONS- CELLO 1.0 Units**

**MUS 38 APPLIED LESSONS- COMPOSITION 1.0 Units**

**MUS 38 APPLIED LESSONS- DRUMS 1.0 Units**

**MUS 38 APPLIED LESSONS- FLUTE 1.0 Units**

**MUS 38 APPLIED LESSONS- GUITAR 1.0 Units**

**MUS 38 APPLIED LESSONS- HIGH STRINGS 1.0 Units**

**MUS 38 APPLIED LESSONS- JAZZ PIANO 1.0 Units**

**MUS 38 APPLIED LESSONS- JAZZ VOICE 1.0 Units**

**MUS 38 APPLIED LESSONS- PERCUSSION 1.0 Units**

**MUS 38 APPLIED LESSONS- PIANO 1.0 Units**

**MUS 38 APPLIED LESSONS- TRUMPET 1.0 Units**

**MUS 38 APPLIED LESSONS- VOICE 1.0 Units**

**MUS 38 APPLIED LESSONS- WOODWINDS 1.0 Units**

**MUS 41 INSTRUMENTAL CHAMBER MUSIC 1.0 Units**

This course is an instrumental music ensemble that performs selections from the standard classical repertoire, as well as modern compositions. Students develop all aspects of instrumental performance including technique, sight-reading, intonation, rhythmic interpretation, ensemble balance, and stylistic interpretation. Musical instruments may include members of the brass, woodwind, string, percussion, and keyboard families.

*Enrollment by audition only.*

**MUS 45 CHAMBER CHOIR 2.0 Units**

A performance-based class furthering the effective study, interpretation, and presentation of choral literature. Designed for vocalists with previous classical ensemble experience. Performs multiple times per semester.

*Recommended Course Preparation: MUS 6, MUS 44 with a minimum grade of C*

*Enrollment Limitation: Audition Required*

**MUS 46 VOCAL JAZZ ENSEMBLE 2.0 Units**

An advanced performance-based class exploring jazz voice in an ensemble setting. Course emphasizes the study of a variety of jazz and pop/rock styles, overall healthy vocal technique, use of microphones and an active sound system, vocal improvisation, and overall musicianship. Singing and ensemble experience highly recommended, as the class requires strong sense of intonation, rhythm, and vocal blend. Performs multiple times per semester.

*Recommended Course Preparation: MUS 6, MUS 44 with a minimum grade of C*

*Enrollment Limitation: Audition Required*

**MUS 48 IMPROVISATION LAB 1.0 Units**

This course exposes students to the fundamental concepts and skills needed for improvising in a group setting. The course is open to instrumentalists or vocalists at any level of proficiency, with no audition or prior improvisation experience required. The course is intended to expose students to the role of improvisation in a variety of music genres, and to provide experience playing in different-sized ensembles. The course prepares students for established advanced jazz ensembles in the department like Jazz Combos, Jazz Ensemble, and Vocal East. Emphasis will be on group activities, individual projects,



independent listening and practice, basic theory concepts, and performance.

*Recommended Course Preparation: MUS 6 or MUS 8A with minimum grade of C*

**Enrollment Limitation: Audition Required:**  
*Performing ensembles require auditions per C-ID.*

## NONCREDIT AUTOMOTIVE TECH

### NAUT A1 ENGINE REPAIR 0.0 Units

An in-depth study of engines: mechanical, measurement, and assembly. A study of the above-mentioned components including theory, teardown, evaluate, qualifying, and rebuilding. This class' emphasis is on engines.

*Prerequisite: AUTO INTR, or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C May be taken concurrently*

**Students are encouraged to enroll in Automotive Lab concurrently.**

### NAUT A2 AUTOMATIC TRANSMISSION/TRANSAX 0.0 Units

An in-depth study of engine, transmission, transaxles: mechanical, measurement, and assembly. An in-depth study of the above-mentioned components including theory, teardown, evaluate, qualifying, and rebuilding.

*Prerequisite: NAUT INTR or AUTO INTR or AUTO INTL or AUTO INTZ with a minimum grade of C, May be taken concurrently*

**Students are encouraged to enroll in Automotive Lab concurrently.**

### NAUT A3 MANUAL DRIVE TRAIN AND AXLES 0.0 Units

An in-depth study of rear axle, front axle, and transfer cases: mechanical, measurement, and assembly. Including theory, teardown, qualifying, and rebuilding.

*Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ*

**Students are encouraged to enroll in Automotive Lab concurrently.**

### NAUT CA1 CONCEPTS OF ENGINE REPAIR 0.0 Units

This class is lecture only and non-credit. An in-depth study of engines: mechanical, measurement, and assembly. A study of the above-mentioned components including theory, teardown, evaluate, qualifying, and rebuilding. This class' emphasis is on engines.

### NAUT CA2 AUTOMATIC TRANSMISSION/TRANSAX 0.0 Units

This class is lecture only and non-credit. An in-depth study of engine, transmission, transaxles: mechanical, measurement, and assembly. An in-depth study of the above-mentioned components including theory, teardown, evaluate, qualifying, and rebuilding.

### NAUT CA3 MANUAL DRIVE TRAIN AND AXLES 0.0 Units

This class is lecture only and non-credit. An in-depth study of rear axle, front axle, and transfer cases: mechanical, measurement, and assembly. Including theory, teardown, qualifying, and rebuilding.

### NAUT CINTR CONCEPTS OF AUTOMOTIVE SERVICE 0.0 Units

This class is lecture only and non-credit. 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.

### NAUT INTR AUTO SERVICE AND INTRODUCTION 0.0 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.

### NAUT LABA AUTOMOTIVE LAB 0.0 Units

Automotive Lab is an open laboratory class for basic automotive students. This class is for students desiring to expand their hands-on experience using their own vehicle. Instructor will provide technical and supervisory support to guide students in completion of their self-initiated projects. Service information via computer service manuals will be available for students to use for vehicle information and research.

*Prerequisite: AUTO INTR or NAUT INTR with a minimum grade of C, May be taken concurrently*

### NAUT LABB AUTOMOTIVE LAB ADVANCED 0.0 Units

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

*Prerequisite: AUTO LABA or NAUT LABA and AUTO INTR or NAUT INTR with a minimum grade of C*

### NAUT LABC LAB SPECIALIZED BENCH WK 0.0 Units

Automotive Lab Advanced is an open laboratory class for automotive students. This class is for students desiring to expand their hands-on experience using shop equipment. This class specializes in rebuilding automotive parts. The instructor will provide technical and supervisory support to guide students in the completion of their self-initiated projects. Service information via computer service manuals will be available for students to use for vehicle information and research. Class is recommended for second year students only.

*Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C, May be taken concurrently*

### NAUT LABD LAB SPECIALIZED ELECTRONIC WK 0.0 Units

Automotive Lab Advanced is an open laboratory class for automotive students. This class is for students desiring to expand their hands-on experience using shop equipment. This class specializes in electronics work. This includes accessories, EV, hybrid, and aftermarket electrical. The instructor will provide technical and supervisory support to guide students in the completion of their self-initiated projects. Service information via computer service manuals will be available for students to use for vehicle information and research.

*Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C, May be taken concurrently.*

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## NONCREDIT AVIATION

### **NAVI 201 DRONES AND AERIAL SYSTEMS(UAS) 0.0 Units**

This course introduces students to the fundamentals of drones and Unoccupied Aerial System (UAS) focused on mission planning, basic flight operations and the legal (local, state, and federal) and ethical frameworks in order to safely operate a UAS. It includes a hands-on lab component.

### **NAVI 202 DRONE AERIAL, PHOTO AND VIDEO 0.0 Units**

This course is an introduction to using drones and Unoccupied Aerial Systems (UAS) to capture and process a wide array of remote sensing data and digital imagery. It will cover pre-flight planning, in-flight choreography, and post processing stages. An emphasis is developing post-processing skills for commercial applications with exposure to the craft of report writing, cartography, and desktop stills/video editing. This is a creative starting point to using drones in multiple disciplines and careers. It involves a hands-on laboratory component.

### **NAVI 203 FAA REMOTE PILOT CERT. PREP 0.0 Units**

This course prepares students to pass the FAA Part 107 Remote Pilot Certificate exam. It will focus on the main sections of the exam including: the basic flight operations, the legal and ethical frameworks, safety considerations, airspace classification, operating requirements, flight restrictions and the effects of weather on a drone's performance.

## NONCREDIT BUSINESS

### **NBUS 200 COMMUNICATION IN THE WORKPLACE 0.0 Units**

This course introduces the key elements for communication in the professional workplace and is beneficial for students seeking to improve their interpersonal communication skills.

### **NBUS 202 ATTITUDE IN THE WORKPLACE 0.0 Units**

This course introduces the key elements for attitude in the professional workplace. This course is beneficial for students seeking to improve their ability to communicate a positive attitude while at work. Not applicable to associate degree.

### **NBUS 203 DECISION MAKING & PROBLEM SOL. 0.0 Units**

This noncredit course introduces the key elements for decision making and problem solving in the professional workplace. This course is beneficial for students seeking to improve their decision making and problem-solving skills. Not applicable to associate degree.

### **NBUS 205 TEAM BUILDING 0.0 Units**

This course is designed to provide students with an understanding of how teams work together, and common problems teams encounter and how to solve them. Not applicable to associate degree.

### **NBUS 206 TIME MANAGEMENT 0.0 Units**

This course is designed to introduce students to time management principles and specific tools that assist in making the most efficient use of time. This course is beneficial for students seeking to improve their time management skills. Not applicable to associate degree.

### **NBUS 210 CUSTOMER SERVICE 0.0 Units**

This noncredit course covers key skills and attitudes necessary to effectively meet the customer's need and teaches students best practices for the importance of values and ethics in the workplace. Not applicable to associate degree.

### **NBUS 233 PERSONAL FINANCIAL MANAGEMENT 0.0 Units**

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

## NONCREDIT ESL

### **NESL 220A INTERMEDIATE GRAMMAR READING 0.0 Units**

This is the first semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to identify, comprehend, and use linguistic forms accurately, meaningfully and appropriately in reading and writing. The course focuses on types of sentences, clauses, and phrases, word order, verb forms, verb tenses, and on the connection between vocabulary and grammar.

*Prerequisite: NESL 230B or ESL 130B with a minimum grade of P or placement through the ESL assessment process*

*Students are advised to enroll concurrently in NESL 220A and NESL 221A, and ESL 123 or ESL 126.*

### **NESL 220B HIGH-INTERMEDIATE GRAMMAR 0.0 Units**

This is the second semester of a one-year course in intermediate grammar for academic writing and reading designed to enable students to use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on types of sentences, clauses, phrases, word order, verb forms, verb tenses, and on the connection between vocabulary and grammar. This course also emphasizes analyzing grammar and meaning and detecting and correcting grammatical errors.

*Prerequisite: NESL 220A or ESL 120A with a minimum grade of P or placement through the ESL assessment process*

*Students are advised to enroll concurrently in NESL 220B and NESL 221B, and ESL 123 or ESL 126.*

### **NESL 221A INTERMED. READING AND WRITING 0.0 Units**

This is the first semester of a one-year course in intermediate academic writing and reading. Classes will focus on writing sentences, paragraphs and compositions, developing strategies for reading comprehension and flexibility, on interactive reading, and on academic vocabulary development. Students will develop cultural understanding, vocabulary, and fluency through a variety of academic writing and reading tasks.

*Prerequisite: NESL 231B or ESL 131B with a minimum grade of P or placement through ESL assessment process*

*Students are advised to enroll concurrently in NESL 220A and NESL 221A, and ESL 123 or ESL 126.*

### **NESL 221B INTERMEDIATE READING & WRITING 0.0 Units**

This is the second semester of a one-year course in intermediate academic writing and reading. Classes will focus on writing sentences, paragraphs and compositions, developing strategies for reading comprehension and flexibility, on interactive

reading, and academic vocabulary development. Students will develop cultural understanding and fluency through a variety of academic writing and reading tasks.

*Prerequisite:* NESL 221A or ESL 121A with a minimum grade of Pass or Placement through ESL assessment process.

*Students are advised to enroll concurrently in NESL 221B and NESL 220B, and ESL 123 or ESL 126.*

### **NESL 230A BEG. GRAMMAR READING & WRITING 0.0 Units**

This is the first semester of a one-year course in beginning grammar for academic purposes designed to enable students to understand and use English accurately, meaningfully and appropriately. The course focuses on the connection between vocabulary and grammar, simple and compound sentences, phrases, verb forms, and verb tenses, especially simple and compound sentences, phrases, verb forms, and verb tenses, especially simple present, simple past, and present progressive.

*Recommended Course Preparation:* Placement through the ESL assessment process

*Students are advised to enroll concurrently in NESL 230A and NESL 231A, and ESL 133 or ESL 136.*

### **NESL 230B HIGH-BEGINNING GRAMMAR 0.0 Units**

This is the second semester of a one-year course in beginning grammar for academic purposes designed to enable students to identify and use linguistic forms accurately, meaningfully and appropriately in written expression. The course focuses on simple and compound sentences, word order, verb tenses: simple present, past, and future as well as present and past progressive, verb forms, modals, phrases, and vocabulary development.

*Prerequisite:* NESL 230A or ESL 130A with a minimum grade of P or placement through the ESL assessment process

*Students are advised to enroll concurrently in NESL 230B, NESL 231B, and ESL 133 or ESL 136.*

### **NESL 231A BEGINNING READING AND WRITING 0.0 Units**

This is the first semester of a one-year course in beginning academic writing and reading. Classes will focus on writing simple and compound sentences in short paragraphs, on developing strategies for increasing reading comprehension and flexibility, on interactive reading, and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks.

*Recommended Course Preparation:* Appropriate skill level demonstrated through the ESL assessment process

*Students are advised to enroll concurrently in NESL 231A and NESL 230A, and ESL 133 or ESL 136.*

### **NESL 231B HIGH- BEG. READING AND WRITING 0.0 Units**

This is the second semester of a one-year course in beginning academic writing and reading. Classes will focus on writing simple, compound, and complex sentences in structured paragraphs, on developing strategies for increasing reading comprehension and on developing academic vocabulary. Students will develop cultural understanding and fluency through a variety of writing and reading tasks.

*Prerequisite:* NESL 231A or ESL 131A with a minimum grade of Pass or Placement through ESL assessment process

*Students are advised to enroll concurrently in NESL 231B and NESL 230B, and ESL 133 or ESL 136.*

## **NONCREDIT MATH - CONCURRENT SUPPORTS -**

### **ALL CONCURRENT SUPPORT COURSES**

These strongly recommended 1-unit lab courses are aligned with your math course and designed with innovative strategies to provide math and learning support while taking a math course. Whether your math class is foundational or transfer level, the concurrent support provides assistance in understanding the content in your current math course while learning essential study skills necessary to succeed in college courses.

*These classes are offered for credit or tuition-free (noncredit), with the exception of MATH 66C, 67C, and 68C.*

### **NMAT 200C CONCURRENT SUPPORT SLAM MATH 0.0 Units**

Concurrent Support for SLAM Math is for students interested in disciplines that require Statistics and Liberal Arts Mathematics (SLAM) courses. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as Statistics and Mathematics for Liberal Arts, and Finite Mathematics. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite:* MATH 40 or MATH 47 or MATH 33 This is a one-way corequisite for Math 40. Everyone taking this NMAT 200C concurrent support course must be taking a Math 40, 47 or 33 class concurrently. However, not everyone taking Math 40, Math 47 or Math 33 would have to take this NMAT 200C concurrent support course.

*This is a Recommended Course Preparation support course for students currently enrolled in Math 27, Math 33, Math 40 or Math 47. It is designed to prepare students for the rigor of the SLAM (Statistics and Liberal Arts Mathematics) transfer-level courses and develop the learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 100C) or for tuition-free noncredit (NMAT 200C). There is no materials fee for this course.*

*For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>*

### **NMAT 201C CONCURRENT SUPPORT BSTEM MATH 0.0 Units**

Concurrent Support for BSTEM Math is for students interested in Business, Science, Technology, Engineering and Mathematical fields. This course offers structured support to students who are concurrently enrolled in a first-level transfer course, such as College Algebra, Trigonometry, and Business Calculus. The support course includes material to prepare students for the rigor of the transfer math course by teaching learning skills necessary to succeed in college courses as well as review of relevant prerequisite algebraic and geometric concepts, and more in-depth investigation of core concepts in their concurrent math course.

*Corequisite:* MATH 30 or MATH 39 or MATH 34 This is a one-way

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corequisite. Everyone taking this NMAT 201C concurrent support course must be taking a Math 30, Math 39 or Math 34 class concurrently. However, not everyone taking Math 30 or Math 39 or Math 34 would have to take this NMAT 201C concurrent support course.

**This is a Recommended Course Preparation support course for students currently enrolled in Math 30, Math 34, Math 39, Math 1, Math 2 or Math 3. It is designed to prepare students for the rigor of the BSTEM (Business, Science, Technology, Engineering and Mathematics) transfer-level courses and develop the learning skills necessary to succeed in college courses. Aligned with your math course and designed with innovative strategies to provide math and learning support while you are taking your math course. This class is offered for credit (MATH 101C) or for tuition-free noncredit (NMAT 201C). There is no materials fee for this course.**

For more information please visit: <https://www.laspositascollege.edu/math/mathjam.php>

### NMAT 202C CONCURRENT SUPPORT FOR MATH 0.0 Units

This course offers individualized support tailored to college students seeking assistance with their mathematics coursework. Trained tutors and instructors will provide tutoring in foundational mathematics subjects. Students will also develop the study skills needed to succeed in their math classes.

*NMAT 202C provides just-in-time math and learning support for students enrolled in a math course. Students can sign up for this class and receive help from Math instructors and/or peer-tutors. Help available throughout the week. Course times available in Canvas once you register. This is a hybrid-flexible course, referred to as HyFlex. A student may choose to attend class on campus at the times, days, and building location noted or they can join the live class remotely. Each classroom has been equipped to support flexible instruction.*

For more information on math supports please visit: <https://www.laspositascollege.edu/ilc>

### NMAT 255 INTERMEDIATE ALGEBRA FOR BSTEM 0.0 Units

Intermediate Algebra concepts, in the service of Business, Science, Technology, Engineering and Math fields (BSTEM), will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. Students can petition to get credit for the Math 55 Intermediate Algebra for BSTEM course by examination.

*Prerequisite: Elementary Algebra with a minimum grade of C*

*This course is only available for high school students in the Middle College program. To enroll in this course, please contact Amy Brown at [ABrown@laspositascollege.edu](mailto:ABrown@laspositascollege.edu)*

*A TI-84 or TI-83 calculator or internet-based software may be required for the course. Please consult your instructor for more information.*

*This course is offered for credit (MATH 55) or for tuition-free noncredit (NMAT 255).*

### NMAT 255C CONCURRENT SUPPORT INT. ALGEBRA 0.0 Units

This course is concurrent support for Intermediate Algebra. The course is designed to provide additional, formal support to students who are currently taking an Intermediate Algebra. It includes a review of arithmetic, algebraic and geometric concepts that are relevant to their Intermediate Algebra course, study strategies that promote understanding and

improve performance, and more in-depth investigation of core concepts that are difficult for students to master. Embedded are learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more.

*Corequisite: NMAT 255 This is a one-way corequisite for NMAT 255. Everyone taking this NMAT 255C concurrent support course must be taking a NMAT 255 class concurrently. However, not everyone taking NMAT 255 would have to take this NMAT 255C concurrent support course.*

*-OR Corequisite: MATH 55 This is a one-way corequisite for MATH 55. Everyone taking this NMAT 255C concurrent support course must be taking a MATH 55 class concurrently. However, not everyone taking Math 55 would have to take this NMAT 255C concurrent support course.*

## NONCREDIT MATH - MATH JAM COURSES -

### MATH JAM COURSES

Math Jam is a 1-week support course for students who wish to prepare for their upcoming math course prior to the start of the semester. This course is designed to prepare students to register for their math class with confidence, having learned key math concepts and learning skills necessary to succeed in college courses.

Jams for MATH 1, 2, & 3 are also offered as credit classes. Please see the MATH section for more information.

For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

### NMAT 264 MATH JAM FOR SLAM PREP 0.0 Units

Math Jam for SLAM Prep is for students preparing for math courses in Statistics and Probability or Mathematics for Liberal Arts. Math Jam is a FREE noncredit program designed to help students prepare for their upcoming math class at a community college. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning prerequisite algebraic and basic probability material with the goal of preparing them to be successful in their upcoming first-level transfer course of Statistics or Math for Liberal Arts class.

*It is Recommended Course Preparation that students taking this course be enrolled in Math 40: Statistics and Probability or Math 47: Mathematics for Liberal Arts at Las Positas College.*

For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>

### NMAT 265 MATH JAM FOR BSTEM PREP 0.0 Units

Math Jam for BSTEM Prep is for students preparing for math courses in College Algebra, Trigonometry, Business Calculus and review prior to Calculus I. Math Jam is a noncredit program designed to help students prepare for their upcoming STEM focused math class at a community college. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning pre-transfer level material with the goal of preparing them to be successful in their upcoming class. It is Recommended Course Preparation that students taking this course are enrolled in a community college math course.

*Math Jam for BSTEM Prep is for students preparing for math courses in College Algebra (MATH 30), Trigonometry (MATH 39), Business Calculus (MATH 34) and review prior to Calculus I.*

For more information on math supports please visit: <https://www.laspositascollege.edu/math/mathjam.php>



## NONCREDIT MUSIC

### NMUS 215 JAZZ BAND FOR OLDER ADULTS 0.0 Units

This course is for the study, rehearsal, and public performance of standard jazz ensemble literature for the older adult. Emphasis is on the development of skills needed to perform within an ensemble. New literature will be studied each term so that different technical and artistic issues are addressed. Opportunities to arrange and compose for the ensemble as well as to conduct. Opportunity to apply improvisation techniques in a group setting. Enrollment Limitation: Audition Required: Standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course.

### NMUS 216 ORCHESTRA FOR OLDER ADULTS 0.0 Units

This course is for the study, rehearsal, and public performance of the orchestral literature for the older adult, with a continued emphasis on the development of skills needed to perform within an ensemble. Different literature is studied each semester so that various technical, historical and artistic issues are addressed. Attendance at all scheduled performances is required. Audition required. Enrollment Limitation: Audition Required Standardized audition demonstrating musical ability and technical proficiency at a level suitable to the course.

## NUTRITION

### NTRN 1 INTRO TO NUTRITION SCIENCE 3.0 Units

Scientific concepts of nutrition related to the function of nutrients, sources and recommended intakes. Nutritional assessment and the role of nutrition in the maintenance of health.

*Recommended Course Preparation: Eligibility for college-level composition (ENG 1A, ENG 1AEX, or ESL 1A) as determined by college assessment or other appropriate method.*

### NTRN 5 SPORTS NUTRITION 3.0 Units

Students will study the role of nutrition in sports, performance and physical fitness. Optimal food, nutrient, and activity choices to maximize athletic performance for all athlete types.

*Recommended Course Preparation: NUTR 1 with a minimum grade of C*

## OCCUPATIONAL SAFETY AND HEALTH

### OSH 60 ELEMENTS OF INDUSTRIAL HYGIENE 3.0 Units

Introduction to the major occupational safety subject areas of Industrial Hygiene. This includes anticipation, recognition, evaluation, and control of workplace hazards; effects of toxic agents on the body; measurement of these agents; general methods for their control; as well as State and Federal regulatory requirements.

## 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 physical creatures, and as creators of spiritual and artistic works. Philosophical texts are analyzed with special attention given to the development of skills in analysis and argumentation.

*Recommended Course Preparation: Eligibility for ENG 1A*

**NOTE: Philosophy 2 and 4 are also introductory courses and may be taken before Philosophy 1 if a more detailed examination of ethical problems, the theory of knowledge, or political philosophy is desired.**

### 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.

*Recommended Course Preparation: Eligibility for ENG 1A*

### PHIL 4 INTRO TO PHILOSOPHY: KNOWLEDGE 3.0 Units

Systematic analysis of documents that constitute the major statements in the theory of knowledge. Investigation of the nature of knowledge, truth and belief. Emphasis placed on enabling students to analyze, critique and defend their own systems of beliefs.

*Recommended Course Preparation: Eligibility for ENG 1A*

### PHIL 6 INTRODUCTION TO LOGIC 3.0 Units

An introduction to Logic. This course is designed to develop effective reasoning skills. Valid reasoning through formal deductive logic is emphasized, but the course also covers meaning in language, fallacies, and inductive reasoning methods in philosophy, literature and the sciences.

*Recommended Course Preparation: Eligibility for ENG 1A*

## PHOTOGRAPHY

### PHTO 50 INTRODUCTION TO PHOTOGRAPHY 3.0 Units

Introduction to the history and development of photography, basic processes, various types of cameras, materials, basic shooting, processing developing, and printing of photographs.

*This course has a materials fee of \$20.*

### PHTO 56 INTRO TO DIGITAL PHOTOGRAPHY 1.5 Units

The course covers basics for the beginner's use of digital cameras, film and flatbed scanners, and use of Adobe software for image adjustments. Exploration of digital photography compared with traditional photographic approaches and processes. Operation of Adobe digital imaging software for preparation of web site photos and print output, in both black and white and in color.

*This course has a materials fee of \$20.*

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**PHTO 58 INTRODUCTION TO VIDEOGRAPHY 3.0 Units**  
Introduction to the theory and practice of video production and desktop video editing including project production phases, time-based visual and sound design, digitizing footage, video output issues, working creatively in a collaborative environment, industry standards, using a Macintosh computer platform.

*This course has a materials fee of \$20.*

**PHTO 67 HISTORY OF PHOTOGRAPHY 3.0 Units**  
A broad chronological survey of photography from its invention to the present. Considers the medium's dual role as technology and art, addresses a multiplicity of photographic themes and purposes, and considers the intersections of photography and technology, history, art, and everyday life.

**PHTO 69 INTERMEDIATE VIDEOGRAPHY 3.0 Units**  
This course covers intermediate level digital video production to integrate and build upon prior video making skills. emphasis is on creative expression, improving all production values, edited quality of finished presentation, distribution of quality video piece to festivals and the web. Class is taught on the Macintosh computer platform.

*Recommended Course Preparation: PHTO 58 with a minimum grade of C*

*This course has a materials fee of \$20.*

## PHYSICS

**PHYS 1A GENERAL PHYSICS I 5.0 Units**  
Introduction to the principles of Newtonian Mechanics and analytical methods of physics using calculus as needed. Topics covered include vectors, kinematics, forces, energy, momentum, rotation, and gravitation.

*Prerequisite: MATH 1 with a minimum grade of C*

**PHYS 1B GENERAL PHYSICS II 5.0 Units**  
Introduction to fluid dynamics, oscillations, mechanical waves, thermodynamics, light and optics.

*Prerequisite: PHYS 1A and MATH 2 with a minimum grade of C*

**PHYS 1C GENERAL PHYSICS III 5.0 Units**  
Introduction to electricity and magnetism, circuits, Maxwell's equations and electromagnetic waves.

*Prerequisite: PHYS 1A with a minimum grade of C and MATH 3 (May be taken concurrently)*

**PHYS 2A INTRODUCTION TO PHYSICS I 4.0 Units**  
Introduction to the major principles of classical mechanics using pre-calculus mathematics. Includes Newtonian mechanics, energy, gravitation, fluids, thermodynamics, oscillations, and waves.

*Prerequisite: MATH 39 with a minimum grade of C*

**PHYS 10 DESCRIPTIVE PHYSICS 3.0 Units**  
Motion, gravitation, heat, light, sound, electricity, magnetism, atoms, and nuclei. Present day scientific problems and developments such as alternative energy sources, solar energy, nuclear power, lasers, relativity and black holes. Designed for non-majors in physical science.

*Prerequisite: Intermediate Algebra or a higher level of mathematics*

**PHYS 10L DESCRIPTIVE PHYSICS LAB 1.0 Units**  
Introduction to laboratory principles and techniques with emphasis on the basic concepts of physics such as mechanics, thermodynamics, energy, electricity, magnetism, and optics.

*Prerequisite: Intermediate Algebra or a higher level of mathematics, and PHYS 10 with a minimum grade of C (May be taken concurrently)*

## 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.

*Recommended Course Preparation: Eligibility for ENG 1A*

**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.

*Recommended Course Preparation: Eligibility for ENG 1A, POLI 7 with a minimum grade of C*

**POLI 30 INTERNATIONAL RELATIONS 3.0 Units**  
Introduction to international relations, politics, theories and institutions with an emphasis on contemporary practices.

*Recommended Course Preparation: POLI 7 with a minimum grade of C, Eligibility for ENG 1A*

## PSYCHOLOGY COUNSELING

**PCN 5 INTRO. SOCIAL WK & HUMAN SERV. 3.0 Units**  
An introductory overview of social welfare and the societal institutions in the U.S. that structure the provision of social services. The course presents a historical perspective on the development of U.S. social work and human services. Special attention is given to the evolution of social welfare programs and institutions, major U.S. court decisions, contemporary social problems, current service delivery systems, policies, procedures, and the tasks of culturally responsive social workers and human service workers within those settings.

*Recommended Course Preparation: ENG 1A completed with a grade of C*

**PCN 10 CAREER AND EDUC. PLANNING 2.0 Units**  
Exploration of the concept of career, educational and life planning focusing on personal career development through self-assessment. Emphasis on clarification of individual interests, values, needs, abilities and decision making styles, investigation of occupational opportunities in the world of work, and introduction to job search strategies, resume writing and interview skills. Designed for those undecided or uncertain about their career and educational plans.

**PCN 13 MULTICULTURAL ISSUES: AMERICA 3.0 Units**  
Exploration of issues relating to the multicultural community in which we live today. Interpersonal relations and communication. Focus on improving individuals understanding of other cultures and how those cultures impact the American lifestyle. Includes exploration of myths and misunderstandings. Discussion of

four specific cultures or sub-cultures from the following groups: 1) African-American, 2) Asian-American, 3) Hispanic-American, 4) Native-American, 5) Middle Eastern-American, 6) European-American, 7) Gay/Lesbian American, 8) Disabled American.

**PCN 18 UNIVERSITY TRANSFER PLANNING 1.0 Units**  
Introduction to the resources and planning process needed to ease transition from community college to a four-year college or university. Development of a transfer action plan. Preparation for major and general education requirements. Application cycles and important deadlines. Recommended for those transferring to four-year colleges or universities.

**PCN 30 STUDENT SUCCESS: COLLEGE EXP. 3.0 Units**  
This course explores concepts, knowledge, and skills relevant to college success. Students will engage in critical analysis on a variety of topics, including motivation, decision making, interpersonal communication, multicultural awareness, and learning theory. Problem solving strategies will be applied to areas including goal setting, career development, wellness, and accessing campus resources.

## 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.

*Recommended Course Preparation: Eligibility for ENG 1A with a minimum grade of C*

**PSYC 3 INTRO. TO SOCIAL PSYCHOLOGY 3.0 Units**  
This course will introduce theories and concepts that explain individual behavior in social settings. The topics include research methods, social perception, social cognition, beliefs, prejudice/discrimination, interpersonal relationships, aggression, and group behavior.

*Recommended Course Preparation: PSYC 1 with a minimum grade of C*

**PSYC 4 BRAIN, MIND, AND BEHAVIOR 3.0 Units**  
Introduction to the field of biopsychology. The biopsychology of cognitive, perceptual, emotional, developmental, and social processes. Includes the biopsychology of personality, gender, emotions, learning, learning disabilities, drugs, neurological and developmental disorders, and mental health. Examination of information and theory for practical application.

*Prerequisite: PSYC 1 with a minimum grade of C*

**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.

**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.

**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.

**PSYC 13 PSYCHOLOGY OF WOMEN 3.0 Units**  
This course examines the diverse experiences of women from a psychological perspective. Students will explore psychological theory and research on gender and issues that affect women, and will gain insight into how psychologists investigate gender-related issues.

*Recommended Course Preparation: Psychology 1.*

**PSYC 17 PSYCHOLOGY OF SLEEP & DREAMS 3.0 Units**  
An introduction to the scientific study of sleep and dreams. Major historic, modern, multicultural views and theories of sleep and dreams; research methods in the study of sleep and dreams; the biological basis of sleep and dreams; biological rhythms; individual differences in biological rhythms and their implication for social policies; the stages and cycles of sleep; sleep requirements and changes across the lifespan; the relationship between sleep and daytime alertness, cognitive, emotional, and behavioral functioning, and physical and mental health; societal implications of sleep deprivation in diverse populations; theories of dream content, function, and meaning; dreaming and creativity; lucid dreaming; sleep disorders and their characteristics and treatments. Examination of information and theories for practical application.

**PSYC 21 PSYCH. OF RACE AND IDENTITY 3.0 Units**  
This course is an introduction to cross-cultural identities, which focuses on the way culture influences human behavior and shapes mental processes. We will study a variety of ethnic, social, and cultural group developmental norms and the extent of influence these norms may have on an individual. This course seeks to strengthen diversity awareness and knowledge by bringing awareness to the importance of engaging in difficult discussions. This course will review a broad range of theories and research findings regarding cultural influences on human behavior and cognitive process. Topics covered include development of an individual worldview, identity development, stereotypes, prejudice, discrimination, racism, sexism, heterosexism, ableism, ageism, immigration & acculturation, privilege, oppression and cross-cultural issues in psychological literature.

*Recommended Course Preparation: PSYC 1 with a minimum grade of C*

**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*

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## SOCIOLOGY

### **SOC 1 PRINCIPLES OF SOCIOLOGY 3.0 Units**

The sociological perspective: scientific study of human interaction and society as a whole with emphasis on the impact of groups on social behavior, systematic examination of culture, social organization, and methodology.

### **SOC 3 INTRO TO RACE AND ETHNICITY 3.0 Units**

Racial and ethnic relations in the United States. Examines the cultural, political, and economic practices and institutions that support or challenge racism, racial and ethnic inequalities, as well as patterns of interaction between various racial and ethnic groups.

*Recommended Course Preparation: SOC 1 with a minimum grade of C*

### **SOC 4 MARRIAGE AND FAMILY RELATIONS 3.0 Units**

Sociological perspective of the family including mate selection, marital roles, marital adjustment, sexual adjustment, reproduction, child rearing, marital dissolution, and problems associated with the family in modern industrial society.

*Recommended Course Preparation: SOC 1 with a minimum grade of C*

### **SOC 5 INTRODUCTION TO GLOBAL STUDIES 3.0 Units**

This course looks at the economic and political forces that have led to the rapid changes in global interaction and culture over the past century, with special emphasis on the last twenty years. It explores the issues of nationalism, global citizenry, state violence, terrorism, the global economy, migration, the threatened environment, technology, and the role of multinational media industries on the culture.

*Recommended Course Preparation: SOC 1, ENG 1A with a minimum grade of C*

### **SOC 6 SOCIAL PROBLEMS 3.0 Units**

An identification and analysis of contemporary social problems including (1) the role of power and ideology in the definition of social problems, (2) their causes and consequences, (3) evaluations of proposed solutions, and (4) methods of intervention. Topics will vary.

### **SOC 11 SOCIOLOGY OF GENDER 3.0 Units**

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.

### **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.

*Recommended Course Preparation: SOC 1 (completed with a grade of C or higher).*

## SPANISH

### **SPAN 1A BEGINNING SPANISH 5.0 Units**

This introductory level course offers a balanced approach to language and culture. It will enable students to begin speaking, reading and writing elementary level Spanish as well as understanding the spoken language as they explore the culture and countries of the Spanish-speaking world. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts.

*Recommended Course Preparation: ENG 1A with a minimum grade of C*

### **SPAN 1B ELEMENTARY SPANISH 5.0 Units**

This is the second semester of the introductory level course. It continues to offer a balanced approach to language and culture. It enables students to continue learning to speak, read and write elementary level Spanish as well as to understand the spoken language as they explore the culture and countries of the Spanish-speaking world. Students continue to review and improve upon concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. The course will continue to examine the culture of the Spanish-speaking world.

*Prerequisite: SPAN 1A with a minimum grade of C*

### **SPAN 2A INTERMEDIATE SPANISH I 4.0 Units**

This course covers a review of grammar, reading of contemporary literature, practice in conversation and composition, and discussion of cultural topics.

*Prerequisite: SPAN 1B with a minimum grade of C*

### **SPAN 2B INTERMEDIATE SPANISH II 4.0 Units**

A course covering the reading of contemporary works, advanced review of grammar emphasis on speaking and composition, and further discussion of cultural topics.

*Prerequisite: SPAN 2A with a minimum grade of C*

## THEATER ARTS

### **THEA 1 CONSERVATORY READINESS 1.0 Units**

This course is required for students interested in participating in the Actors Conservatory at Las Positas College. This course prepares students for a rigorous two-year training program in acting, musical theater, and dance. Students are expected to perform monologues, solos, and short dance sequences in this course, as well as participate in mentorship and cohort activities throughout the semester.

### **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.

*Recommended Course Preparation: ENG 1A or ENG 1AEX with a minimum grade of C*

**THEA 3A BEGINNING IMPROVISATION 3.0 Units**

An entry level course designed to introduce to students to concepts of improvisation and creative dramatics. It will encourage students to “think out of the box”, promoting creative problem solving within a supportive ensemble. Recommended for non-majors (Early Childhood education, Business, Speech/Communication majors especially encouraged) as well as Theatre: AA students.

**THEA 3B INTERMEDIATE IMPROVISATION 3.0 Units**

This course will teach students Long-Form Improvisation. The class will concentrate on finding style and improving skills through various in class, supportive, exercises. We will focus on accepting/supporting, creating honest and strong relationship, and developing complex and engaging circumstances.

*Prerequisite: THEA 3A with a minimum grade of C/P*

**THEA 3C IMPROVISATION IN PERFORMANCE 3.0 Units**

From Saturday Night Live to Flash Mobs - Improvisation is part of our culture. Students will get the opportunity to perform as well as teach improvisation techniques and creative dramatics in a supportive and fun atmosphere. The students will also have opportunities to attend and critique the work various local improvisation troupes.

*Prerequisite: THEA 3B with a minimum grade of C*

**THEA 10 INTRODUCTION TO DRAMATIC ARTS 3.0 Units**

A survey of the elements of Theater event and its contribution to cultures and societies throughout history.

*Recommended Course Preparation: Eligibility for ENG 1A/1AEX*

**THEA 39A MUSICAL THEA WORKSHOP-BEGINING 3.0 Units**

Training in performance skills for the musical theater, with emphasis on acting, stage movement and vocal production. Solo, duet and ensemble work, possibly leading to a culminating public performance.

**THEA 39B MUSICAL THEA WORKSHOP-INTERMED 3.0 Units**

Intermediate training in performance skills for the musical theater, with emphasis on acting, stage movement and vocal production. Study includes written analyses, musical theater staging and basic acting and vocal techniques. Solo, duet, and ensemble work possibly leading to culminating public performance.

*Prerequisite: THEA 39A with a minimum grade of C*

**THEA 39C MUSICAL THEA WORKSHOP-ADVANCED 3.0 Units**

Advanced training in performance skills for the musical theater, with emphasis on acting, stage movement and vocal production. Study includes auditioning techniques and critical analyses of musical theater performances. Culminating public performance required.

*Prerequisite: THEA 39B with a minimum grade of C*

**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.

**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.

*Prerequisite: THEA 47A with a minimum grade of C*

**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.

*Prerequisite: THEA 47B with a minimum grade of C*

**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.

*Prerequisite: THEA 47C with a minimum grade of C*

**THEA 48A TECH THEATER 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.

*Recommended Course Preparation: MATH 107 and THEA 50 with a minimum grade of C*

**THEA 48B TECH THEATER PROD-INTERMEDIATE 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.

*Prerequisite: THEA 48A with a minimum grade of C*

*Recommended Course Preparation: MATH 107 with a minimum grade of C*

**THEA 48C TECH THEATER PROD- ADVANCED 3.0 Units**

Participation in scheduled productions as assistant stage managers or assistant designers of said productions technical elements, including scenic, costume, lighting and sound design. Enrollment is for the duration of the semester. Students may participate in more than one production per semester, as needed.

*Prerequisite: THEA 48B and THEA 50L or THEA 51 or MUS 35 or THEA 52 with a minimum grade of C*

*Recommended Course Preparation: MATH 107 or MATH 107B with a minimum grade of C*

**THEA 48D TECH THEATER PROD-CAPSTONE 3.0 Units**

Participation in scheduled productions as manager of productions technical elements, which may include stage management, publicity management, or designer’s apprentice in lighting, sound, costume, or scenic design. Enrollment is for the duration of the semester. Students may participate in more than one production or event per semester.

*Prerequisite: THEA 48C, THEA 50L or MUS 35 or THEA 51 or THEA 52 with a minimum grade of C*

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**THEA 50 STAGECRAFT 3.0 Units**  
An introduction to technical theatre and the creation of scenic elements. Includes basic concepts of design, painting techniques, set construction, set movement, prop construction, backstage organization, and career possibilities. May include stage management, lighting, and/or sound techniques. Lecture, reading, projects, and practical experience.

**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.

*Recommended Course Preparation: THEA 50 with a minimum grade of C*

## TUTORING

**TUTR 17A TUTORING THEORY & 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.

**TUTR 17B TUTORING THEORY & PRACTICE II 0.5 Units**  
Intermediate training class for college tutors. Tutors will acquire specific skills and techniques for tutoring in academic subjects, vocational subjects and basic skills. Required course for second semester tutors participating in the Las Positas College Tutorial Program.

*Prerequisite: TUTR 17A with a minimum grade of C*

**TUTR 17C TUTORING THEORY & PRACTICE III 0.5 Units**  
Advanced training for college tutors to obtain skills and techniques in academic and vocational subject areas and basic skills remediation. Emphasis upon leading group tutoring sessions and mentoring new tutors. Required course for third semester tutors participating in the Las Positas College Tutorial Program.

*Prerequisite: TUTR 17B with a minimum grade of C*

## VITICULTURE AND WINERY TECH

**VWT 1 WORLD WINES: NEW WORLD 3.0 Units**  
This course is a comprehensive exploration of "new world" wines. The winemakers of the "new world" have taken the great grapes of the "old world" and created modern wines for a new generation. Explore the history of wine regions, origins of cultivars and the varied wines of the United States, Australia, New Zealand, South Africa, South America and Mexico.

*Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.*

*This course has a materials fee of \$150.*

**VWT 12 LANDSCAPE AND VINEYARD SOILS 3.0 Units**  
This course is a study of the physical, chemical and biological properties of soil. Areas of study will include: soil classification, derivation, uses, function and management including erosion, moisture retention, structure, cultivation, organic matter and microbiology. There is a focus on vineyard and landscape planting media, soil substitutes, hydroponics, and amendments to improve and promote plant growth which includes plant and vine nutrition, essential nutrients required for plant growth and healthy development. There will be instruction covering materials used for fertilizers which includes material origins, use, and application; and irrigation systems which will cover materials required for basic irrigation systems used in vineyard and landscape settings.

*Students that take HORT 54 may not receive credit for VWT 12.*

**VWT 25 SENSORY ANALYSIS OF WINES 3.0 Units**  
This is a sensory analysis of wine course designed for individuals to learn organoleptic tasting 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 under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.*

*This course has a materials fee of \$100.*

**VWT 31 FALL VINEYARD OPERATIONS 3.0 Units**  
This class has a strong emphasis on the practical applications of viticulture. Students will be involved in the operation of the LPC Campus Hill Vineyard putting into action, viticultural practices for the fall and winter seasons including canopy management techniques, irrigation disciplines, pest and disease control, fruit contracts, maturity sampling, harvesting, pruning, erosion control via cover crop, fertilization, weed control, and vineyard development and establishment with a focus on sustainable vineyard management.

*Recommended Course Preparation: VWT 10 with a minimum grade of C*

*Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.*

**VWT 55 WINE SERVICE AND SALES 2.0 Units**  
This course will provide students with the information, skills, and abilities to provide high-quality wine service in restaurants, tasting rooms, wine bars, and/or catering events. Instruction will include both the technical and social skills necessary to maximize the guest experience and to be a successful wine sales/service professional.

*Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.*

*This course has a materials fee of \$150.*

## WELDING TECHNOLOGY

**WLDT 55 PRINT READING FOR INDUSTRY 2.0 Units**  
Interpreting and visualizing drawings and prints used in industrial settings. The role of prints in the digital age, geometric dimensioning and tolerancing to current standards. Foundational skills needed for print reading success, including basic mathematics, geometry principles, measurement tools, and the design process. Welding symbols and their use in manufacturing.



**WLDT 61A BEG. SMAW AND FCAW THEORY 1.0 Units**  
Theory and safety of Shielded Metal Arc (SMAW) and Flux-core Arc (FCAW) welding of steel, flame cutting, plasma and carbon arc cutting. American Welding Society nomenclature, electrode and wire selection, job opportunities. Blueprint reading, welding symbols and hazardous material regulation.  
*Corequisite: WLDT 61AL or WLDT 61BL*

**WLDT 61AL BEG. SMAW AND FCAW SKILLS LAB 2.0 Units**  
Skills of Shielded Metal Arc (SMAW) and Flux-Core Arc (FCAW) welding in the flat and horizontal positions to American Welding Society code specifications. Oxy-fuel flame, plasma, and carbon arc cutting. Safe use and handling of welding equipment and consumables.  
*Corequisite: WLDT 61A or WLDT 61B.*  
*This course has a materials fee of \$70.*

**WLDT 61BL ADV. SMAW AND FCAW SKILLS LAB 2.0 Units**  
Advanced skills in Shielded Metal Arc (SMAW) and Flux Cored Arc (FCAW) welding of steel in the horizontal, vertical and overhead positions to A.W.S. Codes. Safety and proper use of SMAW, FCAW, oxy-fuel cutting and plasma arc cutting equipment. Blueprint usage in the welding shop environment.  
*Prerequisite: WLDT 61AL completed with a minimum grade of C*  
*Corequisite: WLDT 61A or WLDT 61B*  
*This course has a materials fee of \$70.*

**WLDT 62A BEG. GTAW AND GMAW THEORY 1.0 Units**  
Theory of fuel and inert gas welding of steel, stainless steel and aluminum alloys, Oxy-Fuel welding, Oxy fuel brazing, flame cutting, and plasma cutting. Gas Tungsten Arc (GTAW) and Gas Metal Arc (GMAW) welding equipment and supplies. Nomenclature and metallurgy of steel, stainless steel and aluminum alloys. Introduction to blueprint reading and welding symbols. Hazardous material regulations and safety data sheets.  
*Corequisite: WLDT 62AL or WLDT 62BL*

**WLDT 62AL BEG. GTAW AND GMAW SKILLS LAB 2.0 Units**  
Skills of TIG (GTAW) and MIG (GMAW) welding of ferrous and non-ferrous alloys in the flat and horizontal positions to A.W.S. codes. Safety and proper use of TIG and MIG equipment, oxy-fuel welding and cutting, plasma cutting. Blueprint usage in welding shop environment.  
*Corequisite: WLDT 62A or WLDT 62B*  
*This course has a materials fee of \$75.*

**WLDT 62BL ADVANCED GTAW/GMAW SKILLS LAB 2.0 Units**  
Advanced skills in Gas Tungsten Arc (GTAW) and Gas Metal Arc (GMAW) welding of ferrous and non-ferrous alloys in the horizontal, vertical and overhead positions to A.W.S. codes. Safety and proper use of TIG and MIG equipment, oxy-fuel welding and cutting, plasma cutting. Blueprint usage in welding shop environment. Pipe and tubing fit-up and welding.  
*Prerequisite: WLDT 62AL with a minimum grade of C*  
*Corequisite: WLDT 62A or WLDT 62B*  
*This course has a materials fee of \$75.*

**WLDT 67A WELDING SKILLS LAB 2.0 Units**  
Development and improvement of skills in Shielded Metal Arc (SMAW), Flux Cored Arc (FCAW), Gas Metal Arc (GMAW), and Gas Tungsten Arc (GTAW) welding.  
*Recommended Course Preparation: WLDT 61AL or WLDT 62AL or WLDT 70 or WLDT 71 with a minimum grade of C*  
*This course has a materials fee of \$40.*

**WLDT 67B ADVANCED WELDING SKILLS LAB 2.0 Units**  
Advanced development and improvement of skills in Shielded Metal Arc (SMAW), Flux-core (FCAW), Gas Metal Arc (GMAW), and Gas Tungsten Arc (GTAW) welding.  
*Recommended Course Preparation: WLDT 67A with a minimum grade of C*  
*This course has a materials fee of \$40.*

**WLDT 68 CERTIFICATION PREPARATION 2.0 Units**  
Welding skills preparation for certification testing. Theory of American Welding Society D1.1, American Society of Mechanical Engineers Section IX and American Petroleum Institute 1104.  
*Recommended Course Preparation: WLDT 61AL or WLDT 61BL or WLDT 62AL or WLDT 62BL or WLDT 69A or WLDT 69B with a minimum grade of C*  
*This course has a materials fee of \$40.*

**WLDT 69A BEGINNING PIPE WELDING 3.0 Units**  
Theory and practical application of: pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding codes specification for pipe and pipe fittings, analysis of joint configuration, plasma and flame cutting of pipes, wire and electrodes selections, beginning of pipe welding blue print and welding symbols, SMAW, GMAW, FCAW, and GTAW of pipe joints, non-destructive and destructive test and qualitative concepts of evaluation. Welding in the 1G and 2G positions.  
*Prerequisite: WLDT 61BL or WLDT 62BL with a minimum grade of C*  
*This course has a materials fee of \$100.*

**WLDT 69B ADVANCED PIPE WELDING 3.0 Units**  
Theory and practical application of pipe joint preparation and design, API (American Petroleum Institute) and AWS (American Welding Society) welding codes specifications for pipe and pipe fittings, analysis of joint configuration, plasma and flame cutting of pipes, wire and electrodes selections, beginning of pipe welding blueprint and welding symbols, SMAW, GMAW, FCAW and GTAW of pipe joints, non-destructive and destructive test and qualitative concepts of evaluation. Welding in the 5G and 6G positions.  
*Prerequisite: WLDT 69A completed with a minimum grade of C*  
*This course has a materials fee of \$100.*

**WLDT 70 INTRODUCTION TO WELDING 2.0 Units**  
Basic skills in Shielded Metal Arc (SMAW), Gas Tungsten Arc (GTAW), Gas Metal Arc (GTAW) and Flux Core Arc (FCAW) welding. Oxy-fuel welding and thermal cutting. Emphasis on safety, proper usage, theory and care of welding equipment.  
*This course has a materials fee of \$60.*

**WLDT 73 WELDING WORKPLACE SAFETY 1.0 Units**  
This course provides the safety knowledge required to operate safely in a welding or construction workplace environment. This course will emphasize hazard identification, avoidance and control as a means to proactively create a safe workplace environment. OSHA safety standards will be emphasized throughout to maintain consistency with workplace environment. This course meets the 10-hour OSHA construction safety training requirements.

Scan here to visit the current Fall 2023 class schedule online



**WLDT 79 MANUFACTURING PROCESSES 2.0 Units**

This course examines the processes and equipment used in modern manufacturing. This course provides an excellent introduction to today's manufacturing processes, as well as an overview of the processes and equipment used in modern manufacturing. The course concentrates on the five major types of industrial materials; metals, plastics, ceramics, woods, and composites. It provides thorough coverage of the forming, separating, fabricating, conditioning, and finishing processes related to each material. The course also includes the materials and manufacturing processes used in packaging finished goods. The proper and safe use of hand tools, basic shop tools, manufacturing and welding equipment will be covered. Understanding the relationship between manufacturing processes, materials properties, materials processing and design.

**WOMENS STUDIES**

**WMST 1 INTRO TO WOMENS STUDIES 3.0 Units**

Examines the cultural, historical, social, political and economic experiences of women in the United States. Introduces feminist perspectives on a wide range of issues affecting women incorporating race, class, ethnicity, sexual orientation and the life cycle. Analysis of African American women, Asian American women, Chicanas, European American women and Middle Eastern American women.

**WORK EXPERIENCE**

**WRKX 94 OCCUPATIONAL WORK EXP/INTERN. 1.0 Units**

This course of supervised employment provides students with the opportunity to earn college credit for developing marketable skills while working in their major field of study. Students working in a part-time or full-time, paid or unpaid internship or position related to their major field of study will contract, in collaboration with their work supervisor and instructor, to set measurable, achievable goals; accomplish new or expanded learning objectives; and broaden work skills and experiences. Students will apply discipline-specific knowledge, skills, and abilities gained in the classroom. Students can earn 1 to 8 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship. Students must work 75 paid hours or 60 unpaid hours per unit earned during the semester.

*To enroll in the correct section, please refer to the Units/Hours/Section Chart at <http://www.laspositascollege.edu/workexperience/faq.php>*

**IF A WRKX SECTION IS CLOSED, SCROLL DOWN FOR OPEN SECTIONS WITH ANOTHER INSTRUCTOR.**

**WRKX 95 GENERAL WORK EXPERIENCE 1.0 Units**

This course of supervised employment provides students with the opportunity to earn college credit while working and developing desirable work habits, attitudes, and skills. Students working in any part-time or full-time, paid or unpaid position will contract, in collaboration with their work supervisor and instructor, to set measurable, achievable goals; accomplish new or expanded learning objectives; and broaden work skills and experiences. The work experience need not be related to the students' educational goals. Students can earn 1 to 6 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship. Students must work 75 paid hours or 60 unpaid hours per unit earned during the semester.

*To enroll in the correct section, please refer to the Units/Hours/Section Chart at <http://www.laspositascollege.edu/workexperience/faq.php>*

**IF A WRKX SECTION IS CLOSED, SCROLL DOWN FOR OPEN SECTIONS WITH ANOTHER INSTRUCTOR.**

Scan here to visit the current Fall 2023 class schedule online



# NOTES

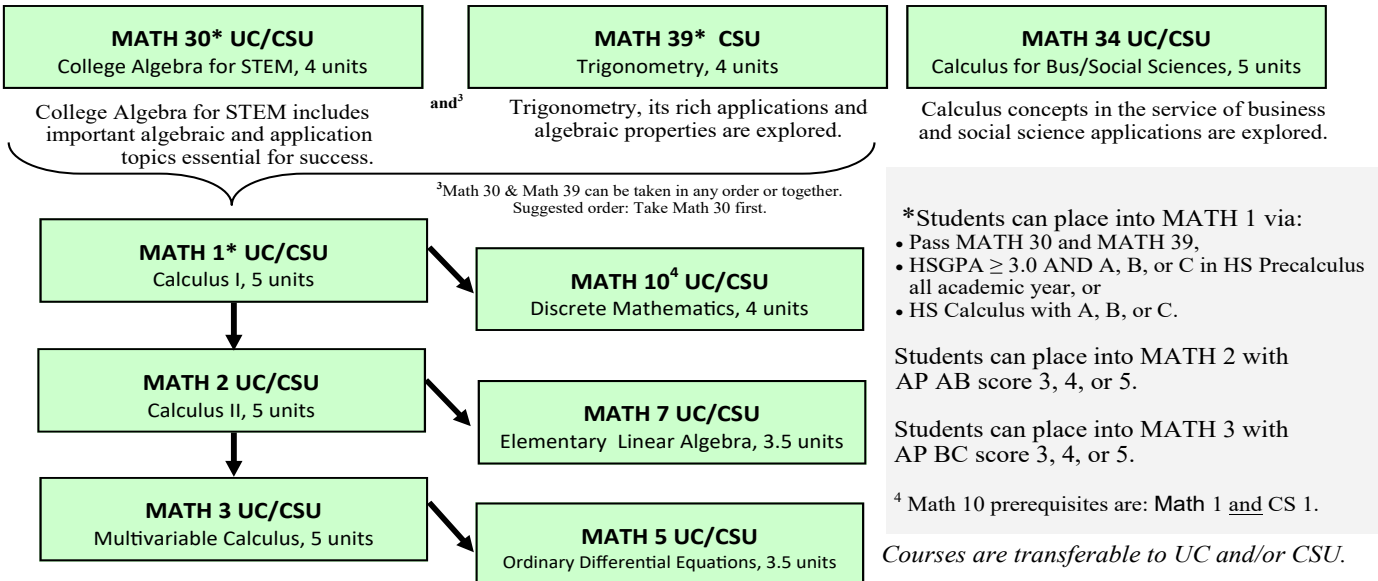


# Mathematics Pathway to Business/STEM Transfer

Students are encouraged to enroll directly into a transfer-level Math course. Research has shown students are more likely to succeed in their Math class when they enroll in concurrent support and/or Math Jam course. Noncredit courses are FREE!

## BUSINESS/STEM TRANSFER LEVEL COURSES

STEM is Science, Technology, Engineering, and Mathematics



## Enroll in your Math class with confidence!

**MATH JAM BOOTCAMP COURSES**

*Award-winning, 1-week before the semester starts, & tuition-free!*

Offered the week before the Fall and Spring semesters. Innovative learning interventions help you prepare for upcoming mathematic courses. Proven to increase student success and retention rates!

**NMAT 265**  
Math Jam for BSTEM (Business Calculus, College Algebra, and Trigonometry)

**MATH 66\* & 67\*** 1 unit  
Math Jam for Calculus I & II respectively  
\* Offered for credit only

**CONCURRENT SUPPORT COURSES**

*Support during the semester, offered for credit or tuition free (noncredit)!*

Aligned with your math course and designed with innovative strategies to provide math and learning while you are taking your math class.

**NMAT 201C or MATH 101C**  
Concurrent Support for BSTEM (Business Calculus, College Algebra, and Trigonometry)

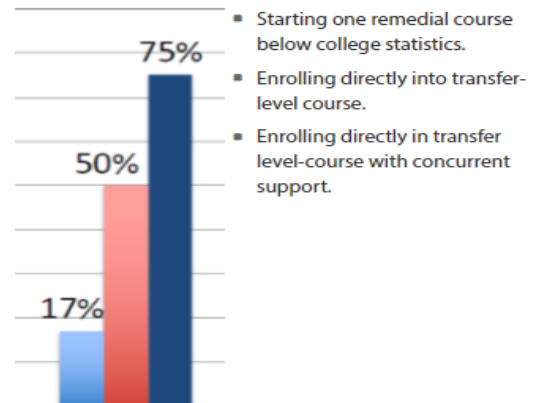
**MATH 66C\* & 67C\*** 1 unit  
Concurrent Support for Calculus I & II respectively  
\* Offered for credit only

For more information, visit [www.laspositascollege.edu/MathJam](http://www.laspositascollege.edu/MathJam)

### What does the RESEARCH say?

LPC Math Jam students have ~10% higher success rate in their next math course compared students who did not attend Math Jam!

Concurrent Support WORKS. Statewide data shows that students are more likely to succeed with concurrent support.



**NMAT** courses are tuition-free, noncredit mathematics courses. Students may enroll as many times as desired. NMAT 250/255 students may petition to receive credit by examination.

# Mathematics Pathway to Liberal Arts Transfer

Students are encouraged to enroll directly into a transfer-level Math course. Research has shown students are more likely to succeed in their Math class when they enroll in concurrent support and/or Math Jam course. Noncredit courses are FREE!

## LIBERAL ARTS TRANSFER LEVEL COURSES

**MATH 40 UC/CSU**  
Statistics & Probability, 4 units

Statistics & Probability introduces topics related to the analysis and presentation of real-world data. Students will apply concepts to draw conclusions and make predictions from data.

**MATH 47 UC/CSU**  
Math for Liberal Arts, 3 units

Math for Liberal Arts surveys a range of math concepts not typically seen in earlier classes. Students will engage with a variety of interesting topics relating to our world.

**MATH 33 UC/CSU**  
Finite Mathematics, 4 units

Finite Math is a survey course in the context of business and every day applications, including financial math, optimization and probability.

**MATH 27 UC/CSU**  
Number Systems for Educators, 3 units

Number Systems for Educators develops quantitative reasoning skills through in-depth, integrated explorations of topics, including real number systems and subsystems. Emphasis is on comprehension and analysis.


## Enroll in your Math class with *confidence!*

**MATH JAM  
BOOTCAMP COURSES**

*Award-winning, 1-week before the semester starts, & tuition-free!*

Offered the week before the Fall and Spring semesters. Innovative learning interventions help you prepare for upcoming mathematic courses. Proven to increase student success and retention rates!

**NMAT 264**  
Math Jam for SLAM  
(Statistics, Liberal Arts Math)



**CONCURRENT  
SUPPORT COURSES**

**NEW! Jam all semester long with RECOMMENDED support during the semester.**

Offered for credit or tuition-free (noncredit). Aligned with your math course and designed with innovative strategies to provide math and learning support while taking your math class.

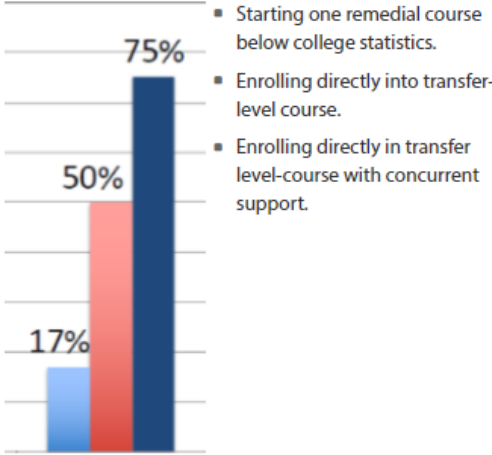
**NMAT 200C or MATH 100C**  
Concurrent Support for SLAM  
(Statistics, Liberal Arts Math)

For more information, visit  
[www.laspositascollege.edu/MathJam](http://www.laspositascollege.edu/MathJam)

**What does the RESEARCH say?**

LPC Math Jam students have ~10% higher success rate in their next math course compared students who did not attend Math Jam!

Concurrent Support WORKS. Statewide data shows that students are more likely to succeed with concurrent support.



*Not sure what course to take? Math faculty and counselors are here to help you.*

# FEES & PAYMENT POLICY

FEE	AMOUNT	DESCRIPTION <i>(NOTE: Fees are subject to change without notice)</i>
ENROLLMENT FEE	\$46 per unit	The enrollment fee for California residents, except those exempt by law, is \$46 per unit.
NONRESIDENT TUITION	\$360 per unit	Nonresidents of California are required to pay a tuition fee of \$360 per unit in addition to the enrollment fee (\$46 per unit) and other college fees. A California Nonresident Tuition Exemption may be granted to certain nonresident students who meet the exemption requirements. Contact the Admissions and Records Office for information.
INTERNATIONAL STUDENT TUITION	\$360 per unit	The tuition fee for international students, non-immigrant aliens or students on other types of visas is \$360 per unit, in addition to the enrollment fee (\$46 per unit) and other college fees. Failure to meet payment deadlines may jeopardize your F-1 status.
STUDENT HEALTH SERVICES FEE	\$21 per semester \$18 per Summer	Las Positas College has a mandatory student health services fee of \$21 for Fall and Spring semesters, and \$18 for Summer term. This fee is used to support health services for all enrolled students. Information on exemptions may be obtained by contacting the Admissions and Records Office.
STUDENT REPRESENTATION FEE	\$2 per term	Students are charged a mandatory fee of \$2 per term to support student advocacy activities. To opt-out of this fee, students must complete the opt-out form by logging on to CLASS-web and submitting the form by February 5, 2023 for Spring 2023.
STUDENT ACTIVITIES FEE	\$10 per semester	An optional fee of \$10 will be charged each semester. These fees are used to support Student Life through events and programs sponsored by our Las Positas College Student Government, Inter-Club Council, and recognized student clubs.
PARKING FEE	\$3 daily \$20 Summer \$45 Fall & Spring	Parking at Las Positas College is by permit only. Mandatory daily permits can be purchased for \$3 from dispensers located in the parking lots. Permits for automobiles can be purchased online via CLASS-Web or The ZONE for \$45 for Spring and Fall semesters, \$20 for Summer. (Motorcycles - \$20). A reduced term parking fee of \$30 is available for California College Promise Grant (formerly BOG Fee Waiver) students.
TRANSPORTATION FEE	\$9/\$8 per semester	All students are charged a mandatory transportation fee of \$9 (enrolled in six or more units), or \$8 (enrolled in less than six units) per semester. As a result, students are able to ride Wheels buses throughout the semester without having to pay the ridership fare. Contact the Student Life Office for more information.

## NELNET TUITION PAYMENT PROGRAM

Avoid being dropped from classes! Las Positas College makes the cost of education more manageable. It's convenient, interest-free, and affordable! Please note: The Nelnet Tuition Payment Program is available for Fall and Spring terms only.

### ADVANTAGES

- Easy online enrollment via CLASS-Web
- Monthly Payment Plan
- Flexible payment options
- No interest

### PAYMENT METHODS

- Automatic bank payment (ACH)
- Credit card/debit card

### COST TO PARTICIPATE

- \$20 subscriber fee per semester
- \$30 returned payment fee if a payment is returned



### SIMPLE STEPS TO ENROLL

- Click on CLASS-Web
- Choose Sign On to CLASS-Web and log in
- Click on the e-Cashier link located on the Pay Fees Online/Registration Fee Assessment Page

### MY PAYMENT PLAN

If you have questions about your agreement or need to make a change to your address, telephone number or account number, please visit the following link:

<http://mycollegepaymentplan.com/laspositas/>

Please be sure to have your confirmation email available before logging in. You will receive your confirmation email one business day after submitting your agreement.

For additional information, call us at 800.609.8056. Customer service representatives are available 24/7.

# FEES & PAYMENT POLICY

## COURSE MATERIALS FEES

The following chart represents an inventory of Las Positas College courses that have materials, facilities, or certification fees assessed in addition to enrollment fees.

DISCIPLINE	COURSE	TYPE	FEE AMT
Emergency Medical Services	EMS 30	Certification	\$7
Emergency Medical Services	EMS 70A, 70B	Certification	\$4
Fire Service Technology	FST 12	Certification	\$675
Fire Service Technology	FST 86A	Materials	\$80
Kinesiology	KIN 14	Materials	\$22
Kinesiology	KIN 15	Materials	\$27
Kinesiology	KIN 17	Materials	\$35
Photography	PHTO 50, 51, 56, 57, 58, 60, 64A, 68, 69	Materials	\$20
Viticulture & Winery Tech	VWT 25	Materials	\$100
Viticulture & Winery Tech	VWT 1, 2, 45, 47, 55	Materials	\$150
Welding Technology	WLDT 61AL, 61BL	Materials	\$70
Welding Technology	WLDT 62AL, 62BL	Materials	\$75
Welding Technology	WLDT 63	Materials	\$30
Welding Technology	WLDT 66	Materials	\$25
Welding Technology	WLDT 67A, 67B, 68	Materials	\$40
Welding Technology	WLDT 69A, 69B	Materials	\$100
Welding Technology	WLDT 70, 71	Materials	\$60

*NOTE: Materials fees are subject to change without notice. Please check the website for updated information.*

## PRINT FEE CARDS

A Print Fee Card is required to print from college computers. Cards may be purchased with a \$1 bill (only) from vending machines in the Library or the Computer Center in Room 803. Discount, high-volume Print Fee Cards are available from the LPC Bookstore (cash or card sales) or from the vending machine (cash only) in the lobby of Building 1600.

## STUDENT FEE PAYMENT POLICY

<http://www.laspositascollege.edu/admissions/fees.php>

Fees must be paid in full by the scheduled payment due date or you will be dropped from your classes. Enrollment is conditional. The College reserves the right to cancel your registration. Fees can be paid by the following payment methods:

- **Online** - use your credit card by logging into CLASS-Web.
- **Mail** - send a check or money order for full payment. **DO NOT SEND CASH!**
- **In-person** - pay by cash, check or credit card at the Admissions and Records Office.
- **NELNET** - sign up for our online payment plan available for Spring and Fall terms only - see page XX for details.

## AFTER REGISTERING FOR CLASSES

The College does not issue billing statements after registration. It is up to the student to view their balance on CLASS-Web and pay any fees due. Note: Your enrollment is conditional until fees have been paid in full.

## IMMEDIATE TEMPORARY NONRESIDENT TUITION EXEMPTION

Per AB 2210, Education Code section 68075.65  
Education Code section 68075.65 grants an immediate nonresident

tuition fee exemption to eligible Special Immigrant Visa (SIV) holders and refugee students who settled in California upon entering the United States. This exemption is granted for one year from the date the student settled in California upon entering the United States.

This exemption applies to the following:

- Iraqi citizens or nationals (and their spouses and children) who were employed by or on behalf of the United States Government in Iraq (Pub.L. No. 110-181, § 1244)
- Afghan and Iraqi translators (and their spouses and children) who worked directly with the United States Armed Forces (Pub.L. No. 109-163, § 1059)
- Afghanistan nationals who were employed by or on behalf of the U.S. government or in the International Security Assistance Force (ISAF) in Afghanistan (Pub.L. No. 111-8, § 602)
- Refugee students admitted to the United States under Section 1157 of Title 8 of the United States Code

## ENROLLMENT FEE REFUND POLICY

Students may request a refund of enrollment fees as long as the student withdraws from the class during the first two weeks of class for a regular term class, or by the 10% point of the length of a short-term class. **Refunds are not automatic.** You must drop your class first. Requests for refunds must be filed by June 30 for the academic year. Credit balances do not carry over from one academic year to the next.

A student who must withdraw for military purpose shall be refunded 100% of the fees paid, regardless of the date of withdrawal. In this case, requests for refunds made after the end of the academic year will be honored.

To apply for an enrollment fee refund, file a Request for Refund form at the Admissions and Records Office. No refunds will be given to students who withdraw from classes after the no-grade-of-record (NGR) deadline.

A \$10.00 processing fee will be subtracted from each enrollment fee refund with the exception of classes cancelled by the College.

The Student Representation Fee, Student Health Services Fee, Transportation Fee, and Student Activities Fee are not refundable.

Refund checks will be sent by mail approximately 6 weeks after the NGR deadline.

In addition to the above, Nonresident and International tuition refunds will be given as follows:

- Prior to the first day of instruction - 90%
- During the first week of instruction - 75%
- After the first week of instruction - No refund
- For refund deadlines, see the Academic Calendar.

## RETURNED CHECK POLICY

According to California Civil Code Section 1719, the Chabot-Las Positas Community College District will assess a service charge of \$25 for the first check passed on insufficient funds and a \$35 charge for each subsequent check passed on insufficient funds.

## COLLECTION POLICY

Chabot-Las Positas Community College District may refer a student's outstanding debt to a collection agency and/or the State of California Franchise Tax Board (FTB) for collection. Once referred, additional fees may apply and credit rating may be affected. If debt is referred to the FTB, amounts owed may be deducted from a student's state tax refund, California lottery prize, or unclaimed property.



# FINANCIAL AID

## FINANCIAL AID INFORMATION

The Financial Aid Office provides fee waivers, grants, scholarships, student loans, and work-study to eligible students. All students are encouraged to apply for financial aid and scholarships. Nearly 50% of our students are eligible for some kind of free financial assistance.

### Free Application for Federal Student Aid (FAFSA)

[www.fafsa.gov](http://www.fafsa.gov)

The FAFSA allows students to apply for federal and state financial aid including fee waivers, grants, student loans, and work-study. All students are strongly encouraged to complete and submit the FAFSA online. Those who qualify automatically are granted a California Promise Grant Fee Waiver. Please use the Las Positas College Federal School Code 030357.

### California Dream Act Application (CADAA)

<https://dream.csac.ca.gov/>

The CADAA allows undocumented students who meet AB540 eligibility criteria to apply for state-based financial aid including fee waivers and Cal grants, and the CADAA allows qualified students to participate in the EOPS Program. Students must submit additional documentation to the Admissions & Records Office to establish AB540 eligibility.

### California College Promise Grant (formerly BOG Fee Waiver) Application

<https://bog.openccapply.net/gateway/bog?cccMisCode=481>

The California College Promise Grant application allows students to apply for an enrollment fee waiver which waives the \$46 per unit enrollment fee. Students must meet income criteria established as well as academic and progress standards each term. It's best to file the FAFSA or CADAA so that you are considered for all possible sources of financial aid, as this application will only provide a fee waiver.

## SCHOLARSHIPS

<http://www.laspositascollege.edu/financialaid/scholarships.php>

Las Positas College is proud to offer scholarships to eligible students. Scholarship criteria varies greatly and may include qualifying criteria such as scholastic achievement, athletic ability, academic major, career goal, artistic ability, academic or financial hardships, unmet financial need, and intent to transfer to a four-year college. Las Positas College's official scholarship program is offered in early Spring each year. Outside scholarship opportunities and searches are provided year-round as resources on the Financial Aid Office website.

## FINANCIAL AID GENERAL INFORMATION

### File Completion and Award Notification

Students who submit a FAFSA or CADAA Application are notified by email to submit all required documentation or forms to complete their financial aid file. Award notices are sent to students via the college's Zonemail email address once all documentation has been received and reviewed by the Financial Aid Office. Award details are also available via CLASS-Web.

### Award Determination

Financial aid awards are based on an assumption of full-time enrollment, and are determined by student's unmet financial need and other specific criteria. Students enrolled less than full-time will actually receive less funding than what has been awarded, as student's actual payment (refund) amount is based on units of enrollment. Students are considered full-time if enrolled in 12 or more units,  $\frac{3}{4}$  time if enrolled between 9 and 11.5 units,  $\frac{1}{2}$  time if enrolled between 6 and 8.5 units, and less than half time if enrolled in less than 6 units.

### Financial Aid Disbursements

Las Positas College has contracted with BankMobile for the

disbursement of financial aid to students. BankMobile offers two methods for students to receive their financial aid. Students may choose to have their financial aid transferred electronically to an existing bank account or students may elect to open a BankMobile Vibe debit card account. Students who have applied for financial aid in a previous year and have not received or have lost their debit card should contact the Financial Aid Office for assistance to establish a refund delivery method.

### Late Start Classes

Financial aid disbursement for late start classes will occur the week when the late start class begins.

### Pell Recalculation Date (frozen enrollment date)

Per federal regulations, units of enrollment are 'frozen' on the established Pell Recalculation Date (PRD) each semester. Pell grant recipients are considered eligible for financial aid based on their enrolled units on that specific date, and their Pell grant will be recalculated if their initial enrollment was higher than the enrollment on the PRD date. Students who previously received a higher amount of Pell than they are eligible for based on the PRD will be required to repay the difference between the amount they previously received and what they are eligible for based on enrollment on the PRD or frozen enrollment date. Students who add units after the PRD will not be eligible for additional Pell funds for those units, per federal regulations. The PRD/Frozen enrollment date for Spring 2023 is March 20, 2023.

### Satisfactory Academic Progress (SAP)

Students must maintain satisfactory academic progress (SAP) each term in order to continue to be eligible for financial aid.

For federal and state student aid, which includes grants, loans and work-study, students must maintain a 2.0 term and cumulative grade point average (GPA), must maintain a minimum 67% cumulative completion rate (all units earned divided by all units attempted), and student's attempted units, including units earned at previous colleges, must not exceed 150% of the units required to complete their declared academic degree/program which is the student's maximum timeframe allowed to receive aid.

For California College Promise Grant Fee Waiver program, students must maintain a 2.0 cumulative GPA and must maintain completion of at least 50% of the cumulative units attempted. Students are subject to lose their fee waiver eligibility if they do not meet both of these academic and/or progress standards after two consecutive terms.

### Fraud and Abuse

The Financial Aid Office is responsible for awarding and ensuring that financial aid funds are disbursed to eligible students. In the event there are concerns about the accuracy or truthfulness about identity information or documents provided, the Financial Aid Office will not award or disburse financial aid unless the student provides documentation of the information being questioned, including identity. If it is determined that a student has attempted or received financial aid by providing false or misleading information, failure to formally withdraw when no longer attending classes, or otherwise manipulating eligibility criteria in an attempt to receive financial aid, all funds received must be repaid, and the student will be referred to the U.S. Department of Education, Office of Inspector General, for possible investigation and prosecution for fraud.

### Contact Information

For additional information, please contact the Financial Aid Office by calling (925) 424-1580, by emailing [lpcfinaid@laspositascollege.edu](mailto:lpcfinaid@laspositascollege.edu), or by visiting the Student Services and Administration Building, Room 1650 (second floor). Information is available online by visiting [www.laspositascollege.edu/financialaid](http://www.laspositascollege.edu/financialaid).



LAS POSITAS COLLEGE

# BCRC

BLACK CULTURAL RESOURCE CENTER

grow • learn • achieve

**The Black Cultural Resource Center (BCRC)**

**Bldg. 1700 Room 1726** is a space designed for students to study, meet in groups, receive referrals for basic needs supports, and arrange for academic, transfer, or mental health counseling. It is also a place to just hangout, have engaging discussions with other classmates, or participate in fun activities such as open mics, movie nights, and game nights.

Visit our website at:

<http://laspositascollege.edu/bcrc/>



LAS POSITAS  
COLLEGE



# ACADEMIC & STUDENT SUPPORT SERVICES

## ADMISSIONS & RECORDS

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

The Admissions & Records Office is here to serve as a resource regarding admissions, registration, enrollment verification, transcript requests, grades, and evaluation of transcripts for the purpose of awarding degrees and certificates. Our mission is to provide an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

## ASSESSMENT CENTER

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

The Assessment Center guides students through self-placement into first level, transfer-level English and mathematics courses and assesses students seeking placement beyond the first level, transfer-level, English as a Second Language (ESL), Chemistry, and foreign languages. Contact the Assessment Center for more information.

## ATHLETICS

<http://athletics.laspositascollege.edu/navbar-information/>

Las Positas College Athletics meets student athletes where they are and empowers them to achieve their academic and athletic goals, by providing equitable athletic opportunities, leadership skills, team work, hard work, accountability and symmetry. The mission of the Athletic Department is to provide exceptional opportunities for students interested in competing in intercollegiate athletics, and to promote success both on and off the court or field through intercollegiate participation. The Athletic Department assists student-athletes in developing the knowledge, skills and abilities to help them pursue their educational, career, athletic and personal goals.

## BOOKSTORE

<http://www.LPCStore.com/>

The Las Positas College Bookstore is the college's official store equipped to sell textbooks and workbooks in addition to school supplies, apparel, uniforms, tools, refreshments, and snacks.

## CALIFORNIA WORK OPPORTUNITY AND RESPONSIBILITY TO KIDS (CALWORKS)

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

The CalWORKS program is dedicated to providing students who are currently receiving Temporary Assistance for Needy Families (TANF) cash aid with coordinated student services such as counseling, work study, child care, and advocacy. Our goal is to guide students through a successful educational journey that will help them achieve long-term self-sufficiency.

## CAREER CENTER

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

The Career Center at Las Positas College is designed to help students select a major or educational goal that aligns with their professional interests. Career Center personnel provide resume reviews and job search assistance, as well as access to internships and jobs through the Center's job board and jobs fairs.

## CASHIER'S OFFICE

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

The Cashier's Office is responsible for collecting and processing tuition and student fees along with other miscellaneous fee payments. The Cashier's Office manages third party invoicing, the collection of

outstanding balances due to the College, and processes refunds due to over payments, class withdrawals, unit reductions, and residency status changes.

## CHILD DEVELOPMENT CENTER

<http://www.laspositascollege.edu/childdevelopmentcenter/index.php>

Little Hawks Child Development Center & Lab School at Las Positas College offers an enriched social and educational experience for children. We are a model of "best practices" in the field of early education and children benefit by participating in innovative projects and personal interactions. Having a play-based philosophy, academics are integrated into the daily activities based on the children's interests. Each day children will experience small and large group times, free choice, and outdoor play. They will have enriched activities throughout the day that support their academic development. Licensed by the State of California, we are committed to providing an inclusive and diverse environment where all children, families, students and staff feel welcome. We have several enrollment options available including state funded preschool (CSPP) and LPC student scholarships through our 2GenFund and Veteran's First Program. In partnership with the ECE Department, we serve as a lab school for students pursuing a career in Early Care and Education. We offer employment opportunities for students enrolled at LPC and have an interest in working with young children. For more information on this program, please stop by Building 2300 or call 925-424-1560.

## COMPUTER CENTER

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

The Computer Center in room 803 is a quiet, open lab for students to work on college assignments. Computers are available on a first-come, first-served basis. Classes scheduled in room 803 have priority use of computers. Knowledgeable Instructional Assistants are available in person or virtually during operating hours to help students resolve or report issues, and provide instructional support.

## CONCURRENT ENROLLMENT

<http://www.laspositascollege.edu/admissions/concurrent.php>

Las Positas College provides opportunities for students in 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grades to enroll in college-level, degree-applicable courses. Students in or entering 8<sup>th</sup> grade may be admitted through special agreements between Las Positas College and school districts. Students who desire to participate in concurrent enrollment must be recommended by their high school principal or designee and have written parental permission. Further information on the Concurrent Enrollment policy is available at the student's high school, and at the Admissions and Records Office. We are happy to be able to offer high school students the opportunity to enroll concurrently for the spring, summer, and fall terms.

## COOPERATIVE AGENCIES RESOURCES FOR EDUCATION (CARE)

<http://www.laspositascollege.edu/EOPS/care.php>

The Cooperative Agencies Resources for Education (CARE) program provides a variety of services and activities to assist single parent students in achieving educational goals. They may receive additional services such as special counseling, support groups, child care, stipends, book service, transportation expense reimbursements, automotive repair and maintenance service, job search assistance, tutoring, and peer advising. To be eligible for CARE, students must be a current Extended Opportunity Programs and Services (EOPS) student, be attending college full-time, be receiving or have a child who is receiving California Work Opportunity and Responsibility to



# ACADEMIC & STUDENT SUPPORT SERVICES

Kids (CalWORKs) or Temporary Assistance for Needy Families (TANF), and have a child who is under eighteen years of age.

## COUNSELING

<http://laspositascollege.edu/counseling/>

The Las Positas College Counseling Department provides academic, career, and personal counseling to prospective and continuing students. Counselors help draft student educational plans, advise students on how to choose educational goals, majors, and careers, and help students complete documentation related to graduation and transfer to four-year universities. Counselors see students on a drop-in basis and by appointment.

## DISABILITY RESOURCE CENTER (DRC)

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

The DRC is a product of the CA Community College Disabled Student Programs and Services (DSPS) program. The DRC provides students with access to support services, assistive technology, approved educational accommodations, specialized counseling, and more. The DRC's mission is to ensure students with disabilities have equal access in their educational endeavors and an enriching experience while pursuing their goals at Las Positas College. Students who have any type of disability (i.e. physical, psychological, medical, temporary or permanent) are encouraged to inquire. All services are voluntary and confidential.

## ENGINEERING TECHNOLOGY

<http://www.laspositascollege.edu/engineering/eng-tech.php>

Engineering Technology is designed for those who want a hands-on engineering career with a focus on mechanical technology in an applied setting. The program provides students with foundational knowledge in mathematics, critical thinking, problem solving, and engineering design, as well as skills in manufacturing, fabrication, and welding so that students are able to adapt to the ever-changing modern industrial workplace.

## EXTENDED OPPORTUNITY PROGRAMS & SERVICES (EOPS)

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

Extended Opportunity Programs and Services (EOPS) is an inclusive, equity driven, student success program that strives to help students succeed in college level coursework. A variety of programs, services, and activities have been directed to the identification, recruitment, retention, and transition of EOPS students to the four year college/university and/or career placement. Services can include: financial grants and book service; academic, career, and personal counseling; new student orientation and readiness programs; special assistance in tutoring and peer advising; transfer counseling; fieldtrips and cultural enrichment activities; and referral services. Program eligibility is based on educational disadvantage and demonstrated financial need through FAFSA or CADAA. All students must be full-time students and complete a required application.

## FINANCIAL AID & SCHOLARSHIPS

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

The purpose of Financial Aid & Scholarship Office is to ensure that each student has sufficient resources to enable them to attend college. We provide grants, fee waivers, scholarships, loans, and federal work-study. Financial aid funds are provided to help with all costs of attending college, including enrollment fees, book and supplies, room and board, other personal and living expenses, transportation, child care, and computers. Students do not have to be a full-time student

to be eligible for most forms of financial aid, but full-time students do receive the maximum amount of financial aid available.

## INTEGRATED LEARNING CENTER (ILC)

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

English as a Second Language ESL students enrolled in Reading and Writing courses will complete a weekly 50 minute lab assignment in the Integrated Learning Center. Students will complete lab assignments with a focus on grammar, vocabulary, reading and writing skills, in groups and/or independently with the support of an ESL instructor. Students can also access other learning support materials located in the lab.

## INTERNATIONAL STUDENTS

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

The mission of the International Students Program (ISP) is to facilitate the successful transition of international students to Las Positas College and the American educational system. The program staff takes pride in offering strong student support services at every level, beginning with preadmission advisement and continuing through to graduation or transfer. The staff strives to counsel students on academic, career, and personal issues to facilitate their progress toward successful completion of educational goals. Additionally, the ISP staff advises students on United States Citizenship and Immigration Services (USCIS) rules and regulations related to maintaining international student status.

## LAS POSITAS COLLEGE STUDENT GOVERNMENT (LPCSG)

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

LPCSG is a non-partisan organization focused on promoting student involvement on-campus and advocating for student interests. LPCSG is committed to removing barriers to access, promoting student success, and providing an atmosphere for better learning and personal growth at Las Positas College.

## LIBRARY

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

Las Positas College Library's mission is to support the college's educational programs, curriculum, and instructional philosophy. The library provides reference and public services, research skills classes, access to a collection of print and electronic resources, study spaces, and computer labs. The Library collaborates with faculty and appropriate college groups to ensure that the Library supports the learning needs and styles of a diverse student population.

## MATH LEARNING CENTER

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

The Math Learning Center provides recommended support to students in math through credit or tuition-free (noncredit) support courses that are aligned with the math course and designed with innovative strategies to provide math and learning support while taking a math class. Free drop-in math help is also offered to students enrolled in Las Positas College mathematics classes through enrollment in the noncredit NMAT 202C course. The Math Learning Center is staffed with LPC Mathematics faculty.

## ORIENTATION

New and returning students to Las Positas College are encouraged to view the online orientation or participate in an in-person orientation. The orientation is designed to help students navigate the steps to enroll, learn of support services, highlight important dates and



# ACADEMIC & STUDENT SUPPORT SERVICES

timelines, and includes general information about the college. The link to orientation is located within CLASS-Web.

## PUENTE PROJECT

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

The Puente Project is a national award-winning program that has helped tens of thousands of educationally underserved students enroll in four-year colleges and universities, earn degrees, and return to the community as leaders and mentors to future generations. Puente combines accelerated instruction, intensive academic counseling, and mentoring by members of the community.

## READING & WRITING CENTER (RAW)

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

The RAW (Reading and Writing) Center offers free online and in-person reading and writing support for any class. We also offer a paper drop-off review service. Our tutors are English and ESL faculty, and we have tutoring hours 7 days a week! This service is for enrolled LPC students. For more information, including hours of operation, please visit our website.

## STUDENT HEALTH & WELLNESS CENTER

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

Our team of medical, behavior health, and public health professionals are here to provide high quality integrated healthcare services that promote physical and psychological well-being, treats minor health issues, helps students navigate the healthcare and insurance systems, and strives to empower students to have a healthy and successful academic experience.

## STUDENT LIFE

<http://laspositascollege.edu/studentlife/>

The Student Life Office is committed to providing programs and services that foster student participation and engagement in college governance, student activities, and cultural events through our Las Positas College Student Government (LPCSG) and our clubs/organizations. The College recognizes the important role of students as active and meaningful participants in the shared governance decision-making processes of the institution. The Student Life Office provides students with opportunities to strengthen their knowledge, expand their understanding of governance issues, increase their preparedness, and apply their leadership development skills through co-curricular engagement.

## TRANSFER CENTER

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

Las Positas College offers guaranteed transfer admission to over 95 colleges and universities. Six University of California (UC) campuses, nine California State University (CSU) campuses, more than 40 private/independent colleges, and more than 40 out-of-state universities offer guaranteed admission to students who meet specific requirements. By participating in a Transfer Admission Guarantee (TAG), Associate Degree in Transfer (ADT) program, or Transfer Admissions Agreement (TAA), you may be eligible for an early review of your academic records, early admission notification, and specific guidance about major preparation and general education coursework. Meet with a Las Positas College counselor to develop a student educational plan (SEP) to meet your transfer goals.

## TUTORING CENTER

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

The Tutoring Center is dedicated to students' education success by

providing quiet study spaces and free high-quality learning support relevant to the individual needs of the diverse student population. We strive to create a welcoming, empathetic, and supportive environment so all students can become independent, active, and life-long learners.

## UMOJA

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

Umoja@LPC is a learning community that provides a support system to help students reach their academic and life goals. While all students are invited to enroll, Umoja is designed to foster the success of Black and African American students. To do this, Umoja students gain a dedicated academic counselor and accessible faculty who are determined to see students succeed in the midst of barriers and life challenges. Umoja students also take linked classes for two semesters to help them form bonds, develop leadership skills, build cultural affirmation, and work toward success. The courses that Umoja students take are in the fields of college success, transfer planning, English, and Library Skills. All courses center African and African American experiences, voices, writers, speakers, and topics. Lastly, to foster learning and goal achievement, students are invited to attend college tours and culturally-enriching conferences and events, which are usually free-of-cost to students. For more information, contact Danielle Odom at [dodom@laspositascollege.edu](mailto:dodom@laspositascollege.edu) or Salem Admassu at [sadmassu@laspositascollege.edu](mailto:sadmassu@laspositascollege.edu). To apply, go to <https://laspositas.umojacommunity.org/>.

## VETERANS FIRST

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

Veterans First Program provides support services to those who have served in the armed forces, those currently serving in the armed forces, reservists/guard, and dependents and spouses of Veterans. We are primarily responsible for the administration of Veterans educational benefits. In addition, we provide resources and referrals, such as career planning, financial aid, transition counseling services, and other needed services for our returning Veterans. We encourage all to contact our office in-person, by telephone, or by e-mail ([lpcveteransfirst@laspositascollege.edu](mailto:lpcveteransfirst@laspositascollege.edu)) with any questions pertaining to one's education, or any Veterans Affairs educational benefits. We can and will assist with the application and processing of your Veterans Affairs benefits at Las Positas College.

## WORK-BASED LEARNING PROGRAM

<http://www.laspositascollege.edu/careercenter/work-based.php>

Las Positas College provides clear academic and career pathways to improve the workforce and economy of our community. To support this mission, the college offers a Work-Based Learning Program - a collaboration with local business and industry to develop career and work experience opportunities, internships and mentoring programs, and community work and study placements directly related to a vocational field of training. This partnership benefits both employers and students, ensuring a talent pipeline of skilled workers from the college to the workplace and reinforcing and expanding students' classroom learning. As part of the Work-Based Learning Program, Las Positas College offers courses and an internship and job board. In Work Experience courses, students learn 21st century work skills and earn college credit for working. Learn more at <http://www.laspositascollege.edu/workexperience/>.

The Las Positas College Internship and Job Board connects students and alumni with area employers. Register at <http://laspositascollege.edu/internship-job-board>.



# SUCCESS

## African American/Black Students

Because we know how important it is for you to succeed at Las Positas College we have a community for you that will support you in achieving your **life** goals.



### Umojafied Courses

- English 1A**  
Critical Reading and Composition
- English 4 or 7**  
Critical Thinking and Writing
- Psych-Counseling 30**  
College Success
- Library 1** - Working with Citations
- Math 40** - Statistics
- Math 30** - College Algebra for STEM
- All courses are UC/CSU transferable



### Cultural Learning

- Black Authors
- African Diaspora
- Black Mathematicians
- Hip Hop
- Spoken Word
- Umoja "Wokeshops"
- Porch Talks
- Safe space for the quiet & chill
- Room made for talkers and storytellers



### Community of Crowns

- Umoja Counselor
- Caring Umoja Faculty
- Mentoring from 2nd year Umoja students
- Access to Transfer and Career events
- English and Math Support
- Free Loaner textbooks for Umoja classes
- Part of a Larger Community (4,000 Umoja students in California)
- Annual State-wide Umoja Conference

## Email:

**LPC-UMOJA@laspositascollege.edu**

**"Together We Rise"**

# COLLEGE POLICIES & PROCEDURES

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## ACADEMIC FREEDOM

Academic freedom exists and is nurtured in our community for the common good of all citizens. Students, faculty, administrators and society itself derive benefits from the practice of academic freedom with its open search for truth and its free exposition. Academic freedom is fundamental for the protection of the instructor's right in teaching and the student's right in learning in the classroom and on the campus. Academic freedom carries with it responsibilities correlative with rights, such responsibilities being implicit in all freedoms and assured by all members of the college to insure the rights of others.

## ACADEMIC HONESTY

Las Positas College is dedicated to maintain an optimal learning environment and insists upon academic honesty and adherence to standards of student conduct. To uphold the academic integrity, all members of the academic community shall assume responsibility for providing an educational environment of the highest standard characterized by academic honesty. It is the responsibility of all members of the academic community to encourage learning, promote honesty, and act with fairness. Student conduct at Las Positas College must conform to federal and state laws and college district policies and procedures.

## CLASS SCHEDULE AND CATALOG

The class schedule and college catalog are publications of Las Positas College. They provide information regarding course and program offerings including dates, times, prerequisites, and course descriptions. You may obtain the publications at the College Bookstore, download them from the College website, or by accessing CLASS-Web or The ZONE online. The class schedule is available in alternate format. Contact the Disability Resource Center at (925) 424-1510 for assistance.

## COMMUNICABLE DISEASE

The Student Health & Wellness Center is the entity at Las Positas College that is responsible for working with Alameda County Public Health Department in communicable disease control.

## CONSUMER INFORMATION

The federal Higher Education Act, the federal Equity in Athletics Disclosure Act, and regulatory guidance provided in the Code of Federal Regulations require notification of prescribed information to certain target audiences including prospective students, currently enrolled students, current employees, parents, coaches and counselors of prospective student athletes, and the general public. Disclosures are to include crime/security statistics, student completion/graduation rates, privacy/security rights, financial aid program information, and gender-specific information on athletic participation and financial support. Detailed information and corresponding reports are found online on the college website.

## COPYRIGHT INFORMATION

It is policy of the college district that employees and students must adhere to the United States Copyright Law (Title 17, United States Code) when using materials for instructional, institutional, or any other purpose.

## DISCLAIMERS, LAS POSITAS COLLEGE

### WEBSITE DISCLAIMER

The Chabot-Las Positas Community College District (CLPCCD) attempts to maintain the highest accuracy of content on its websites. Any errors or omissions should be reported for investigation.

CLPCCD makes no claims, promises, or guarantees about the absolute accuracy, completeness, or adequacy of the contents of this website and expressly disclaims liability for errors and omissions in the contents of this website. No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third-party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this website or its hyperlinks to other Internet resources. Reference in this website to any specific commercial products, processes, or services, or the use of any trade, firm, or corporation name is for the information and convenience of the public, and does not constitute endorsement, recommendation, or favoring by the CLPCCD or its employees or agents.

This website has links to sites that may be useful to the public and that may provide other services or information. When the user links to another website, which is not an authorized CLPCCD website, the user is no longer on a CLPCCD website. The CLPCCD disclaims any responsibility or liability for the services or information provided on non-CLPCCD websites.

### PHOTOGRAPHY DISCLAIMER

Chabot and Las Positas Colleges, being non-profit California Community Colleges, reserve the right to use photography and video images of students and visitors, age 18 and older, taken on our property and at college-sponsored events for marketing and promotional purposes. Objection to the use of an individual's photograph may be made in writing to the district office of marketing and public relations, addressed to:

Director, Public Relations, Marketing and Government Relations  
Chabot-Las Positas Community College District  
7600 Dublin Blvd., 3rd Floor  
Dublin, CA 94568  
prmg@clpccd.org

## DISTANCE EDUCATION

Las Positas College offers quality distance education to its students. Distance education allows students who work, raise families, are disabled, are environmentally conscious, or who otherwise cannot come to campus the ability to pursue their educational goals.



# COLLEGE POLICIES & PROCEDURES

## EQUAL OPPORTUNITY STATEMENT

Las Positas College is an equal opportunity action institution in its policies, procedures, and practices relating to access, admission, and employment in their programs, services, and activities. In compliance with federal law, Las Positas College does not discriminate on the basis of race, color, national origin, religion, sex, disability, age, citizenship status, and genetic information. In addition, California state law also prohibits discrimination on the basis of race, color, ancestry, national origin, religion, sex (including pregnancy, childbirth, and related medical conditions), disability (physical or mental), age, genetic information, marital status, sexual orientation, gender identify and gender expression, AIDS/HIV, medical condition, political activities or affiliations, military or veteran status, and status as a victim of domestic violence, assault, or stalking. Inquiries regarding equal opportunity non-discrimination policies and procedures that pertain to student matters should be directed to the Las Positas College, Vice President of Student Services by calling (925) 424-1405. All non-student matters (including employment matters) should be directed to the Vice Chancellor of Human Resources by calling (925) 485-5200.

## FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

According to the U.S. Department of Education, FERPA “is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.” At Las Positas College, a person officially becomes a student upon receipt of an admission application to the college.

## FREE SPEECH

College procedures regarding time, place, and manner shall govern the exercise of free speech and related activities on the campus. The responsibility for maintaining conduct within the bounds of the law and compliance with the policies of the Chabot-Las Positas Community College District Board of Trustees shall be assumed by individuals, organizations, and the sponsoring organization’s officers and student organizations, advisors, and all organizational members. Restrictions on speech content shall extend no further than to restrain speech that is obscene, libelous, or presents a clear and present danger.

## HOUSING

Las Positas College does not provide dormitories or other types of college-sponsored housing.

## NET PRICE CALCULATOR

The California Community Colleges Chancellor’s Office, in conjunction with the federal government, has developed a Net Price Calculator to help students estimate the cost to attend Las Positas College based on residency and living arrangements. The estimated cost of attendance includes tuition, required fees, textbooks, supplies, and other related expenses. This

information is found on the college website at <https://misweb.cccco.edu/npc/481/npcalc.htm>.

## NOTICE OF NONDISCRIMINATION

The Chabot-Las Positas Community College District is committed to equal opportunity in educational programs, employment, and all access to institutional programs and activities. The District, and each individual who represents the District, shall provide access to its services, classes, and programs without regard to national origin, religion, age, gender, gender identity, gender expression, race or ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or because he/she is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics. Inquiries and complaints may also be made to the U.S. Department of Education, Office for Civil Rights, 50 United Nations Plaza, San Francisco, CA 94102, telephone (415) 486-5555, fax (415) 486-5570 or e-mail [OCR.SanFrancisco@ed.gov](mailto:OCR.SanFrancisco@ed.gov).

## DECLARACIÓN DE NO DISCRIMINACIÓN

(SPANISH STATEMENT)

Las Positas College, de acuerdo con las leyes civiles, declara que Las Positas College no discrimina hacia ninguna persona a base de su raza, color, nacionalidad, ascendencia, religión, creencia, sexo, edad o incapacidad, en sus programas y políticas de empleo y educación. El conocimiento limitado del idioma no limita acceso a programas y servicios ocupacionales. Cualquier pregunta sobre la aplicación de esta declaración puede dirigirse al U.S. Department of Education, Office for Civil Rights, 50 United Nations Plaza, San Francisco, CA 94102, teléfono (415) 486-5555, fax (415) 486-5570 o correo electrónico [OCR.SanFrancisco@ed.gov](mailto:OCR.SanFrancisco@ed.gov).

## OMBUDS

The Ombuds (also known as an “ombudsman” or “ombudsperson”) at Las Positas College will be an identified employee(s) who is committed to serve as a neutral and an impartial conflict resolution practitioner. The Ombuds will have no formal decision-making authority or disciplinary responsibilities. The Ombuds will serve as the initial point of contact for students who encounter challenges or difficulties while navigating the college environment and will be responsible for identifying the proper resource at the college. Furthermore, the Ombuds will facilitate the first connection or contact with the appropriate college entity or employee. The goal of the Ombuds is to ensure the rights and interests of all parties to the dispute are considered with the goal of achieving a fair outcome in accordance with applicable policies, procedures, laws, and regulations. The inability to achieve a fair outcome may result in the student being referred to the grievance or complaint process. For more information, please contact the Office of the Vice President of Student Services.



# COLLEGE POLICIES & PROCEDURES

## PROGRAMS ELIGIBLE FOR FINANCIAL AID

In order to be eligible for federal student aid, a student must be enrolled in an educational program that leads to an associate degree, transfers into a baccalaureate program, or prepares a student for gainful employment in an approved and recognized occupation. Students must either: (1) declare an Associate's Degree Program, or Associate's Degree with Transfer Program as their educational goal; or (2) be enrolled in a non-degree Certificate of Achievement Program of at least sixteen units and one year in length that is included and approved on the college's Program Participation Agreement with the U.S. Department of Education.

## STUDENT CONDUCT AND DUE PROCESS

In joining the academic community, the student enjoys the right of freedom to learn and shares the responsibility in exercising that freedom with other members of the academic community. It is the policy of the Chabot-Las Positas Community College District not to impose student discipline for acts occurring away from the college and not connected with college activities unless the student's conduct affects the function of the college. When a student is charged with violating the student conduct code (e.g., plagiarism, forgery, disruption, theft, etc.), the charge shall be processed in accordance with the policy and procedures in order to protect the student's rights and the college's interests. A student may be expelled, suspended, placed on probation, or given a lesser sanction, as deemed appropriate by the Student Conduct Officer or designee. The Student Conduct Code is posted online on the college website and included in the college catalog.

## STUDENT GRIEVANCE PROCEDURES

Student Grievance Procedures have been developed to provide students with a prompt and equitable means of seeking an appropriate remedy for any alleged violation of rights and to ensure that each student is fully accorded due process. The Student Grievance Procedures and the Student Conduct and Due Process Procedures outline the process for seeking resolution, and develop the procedure for filing and processing complaints, including timelines and decision-making authority. Student Grievance information is found online on the college website and included in the college catalog.

## VOTER REGISTRATION INFORMATION

The Chabot-Las Positas Community College District shall provide a good faith effort to distribute a mail voter registration form to each student enrolled in a degree or certificate program and physically in attendance at the institution. Forms are widely available to students at Las Positas College. Additional information is found on the college website and the online student portal.

## STUDENT RIGHT-TO-KNOW (INSTITUTIONAL DATA)

**Fall 2018 Cohort, Completion Rate: 45.65%,  
Transfer Rate: 12.66%**

In compliance with the Student-Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of our college district to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2018, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a three-year period. Their completion and transfer rates are listed above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this three-year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became 'transfer prepared' during a three-year period, from Fall 2018 to Spring 2021. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered 'transfer-prepared'. Students who transferred to another postsecondary institution, prior to attaining a degree, certificate, or becoming 'transfer-prepared' during a five-semester period, from Spring 2019 to Spring 2021, are transfer students.

# Summer Camps 2023



LAS POSITAS  
COLLEGE

6

Camps  
to  
choose  
from!

## Biotech Bootcamps

Intro to Biotechnology: June 19–22, 2023 | 10am to 3pm | Room TBD

Intermediate Biotechnology: June 26–29, 2023 | 10am to 3pm | Room TBD

**\$100 per student per session**

**Age Group: 16–18 Years**

Biotechnology is used to diagnose diseases, make vaccines, solve forensic cases, and improve the food we eat. In this week-long camp you will get a chance to utilize some basic molecular biology tools used in biotech to observe and analyze cells, viruses, proteins, and DNA. Students are encouraged to enroll in both courses.



## Digital Media Character Design Camp

June 12–15, 2023 | 9am to 2pm | Building 700, Room 714

**\$100 per student per session**

**Age Group: 14–18 Years**

Have you ever wanted to create your own character and bring it to life? Designing a captivating character is vital for graphic novels, movies, video games and many other industries. In this summer camp, we will draw and paint your own character in Photoshop, taking style, costuming and props into consideration, as well as expressions and gestures.



## Digital Media Creature Design Camp

High School: June 26–29, 2023 | 9:00am to 2:00pm | Building 700, Room 714

Middle School: July 10–13, 2023 | 9:00am to 2:00pm | Building 700, Room 714

**\$100 per student per session**

**Age Group: Middle School 11–14 Years, and High School 14–18 Years**

Learn the fundamentals of creature design! Whether your creature is a faithful companion, adorable pet, or evil boss, creatures are vital to the creation of any fictional universe. Many illustrators focus on creature design, creating works for movies, games, and animation. In this camp, we will use Adobe Photoshop to sketch and paint our own creature, taking into consideration their anatomy, environment, and behavior.



More information, <https://laspositas.augusoft.net/index.cfm>. **Please note classes are not for credit.**



LAS POSITAS  
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# Las Positas College



## Interior Design

June 26–29, 2023 | 10:00am to 12:30pm | Via Zoom

**\$100 per student per session**

**Age Group: 14–18 Years and Up**

Introduction to Interior Design with use of design tools and products. Students will be hands-on to create digital boards and presentations of a desired space. Students will hand draft and computer draft a room working with drafting tools given and computer programs. Design kits will be available for pick up on campus the week before.



## Press Pass 2023 – Summer Sports Institute

July 17–20, 2023 | 10:00am to 3:00pm | Room 2416

**\$100 per student per session**

**Age Group: 14–18 Years**

Get a taste of one of media's most-coveted professions – sports journalism. This week-long course will give students an opportunity to try their hand at the craft, learn from professionals in the field and get modern insight on the latest practices in the industry. Some of the skills developed: writing, interviewing, storytelling, game analysis and, yes, debate. A career in sports media just might begin here.

## Summer Jazz Camps

**Middle School: June 19–22, 2023 | 10:00am to 3:00pm |**

**Building 4000 | Age Group: 11–14 Years**

**High School: June 26–29, 2023 | 10:00am to 4:00pm |**

**Building 4000 | Age Group: 14–18 Years**

**\$100 per student per session**

Each summer, the LPC Music Department welcomes Middle and High School students of all ability levels to our campus for 4 intensive days where we work on: Improvisation, Music Theory, Arranging, Performance, Rehearsal, and much more. Campers work directly with LPC Music Faculty and present a public performance on Thursday June 29 on the Mertes Main Stage headlined by a guest combo made up of faculty from the California Jazz Conservatory.



Register



More information, <https://laspositas.augusoft.net/index.cfm>. **Please note classes are not for credit.**



**LAS POSITAS**  
COLLEGE



# CAMPUS SAFETY & SECURITY

## ACCESS TO BUILDINGS

During business hours, the College and most campus buildings are open from 7:00 am to 11:00 pm. During non-business hours, access to all College facilities is by key or card key, if issued, or by admittance via the assistance of the Office of Campus Safety and Security. In the case of periods of extended closing, the College will admit only those with prior approval to all facilities. All students and employees are issued identification cards, which they may be asked to produce if there is any question about their authorization to be on College property.

## CAMPUS SAFETY

The Chabot-Las Positas Community College District is committed to a safe and secure work and learning environment. The Office of Campus Safety & Security prepares and annually updates a report of all occurrences reported to the Office of Campus Safety & Security of and arrests for crimes that are committed on-campus and that involve violence, hate violence, theft or destruction of property, sexual misconduct including sexual harassment, illegal drugs, alcohol intoxication, and of all occurrences of noncriminal acts of hate violence reported to campus authorities. Additional information and corresponding reports are found on the College website.

## COLLEGE PROPERTY

No College property may be removed from the campus without expressed permission from an administrator. Unauthorized removal of College property from the campus is a violation of the law and may be prosecuted by the College.

## CRIME PREVENTION

Crime prevention material is distributed by the Office Campus Safety and Security to the campus community. The Office of Campus Safety and Security makes inspections of facilities to ensure physical security design, presents programs to reduce risk from criminal acts, review plans and new construction additions to facilities to insure against design defects that could contribute to criminal acts, make preventative patrols of grounds, make necessary arrests and detentions, and interact with other law enforcement and investigative agencies to accomplish this task.

## DRUG FREE ENVIRONMENT AND PREVENTION PROGRAM

Las Positas College strives to maintain a drug-free and alcohol-free environment. College district policy states it prohibits, "the sale or knowing possession of dangerous drugs, restricted dangerous drugs, alcoholic beverages or narcotics as those terms are used in California statutes except when lawfully prescribed or permitted." Federal law also prohibits the use, sale, or possession of marijuana. Students may be arrested, suspended, expelled, placed on probation or given a lesser sanction for good cause and in accordance with College procedures consistent with due process for violations of the drug and alcohol policy. Students and employees will be informed of the health risks associated with the use of illicit drugs and the abuse of alcohol, and will be advised of the availability of drug and alcohol counseling, treatment, and rehabilitation.

## EMERGENCY CALL BOXES

Emergency call boxes are also located in several parking lots, on the campus perimeter road, and near the Student Services & Administration Building. In the event of an emergency, push the button on the emergency call box and the on-duty campus security

officer is notified of your location. The emergency call box has a feature which allows the caller to speak directly to the campus safety officer. Outside the entrance to the Office of Campus Safety and Security there is an emergency auto-dialer. In the case of an emergency and the office is locked, please push the button on the auto-dialer. The auto-dialer will contact the on-duty campus safety officer.

## EMERGENCY NOTIFICATION

The Las Positas College Office of Campus Safety and Security is committed to ensuring that our campus community receives timely, accurate, and useful information in the event of a significant emergency or dangerous situation on campus or in the local area that poses an immediate threat to the health and safety of campus community members. Las Positas College uses the emergency notification system "Everbridge" which is an emergency notification service that proactively contacts students, staff, and faculty at their District assigned e-mail accounts. Everbridge can be used to send emergency messages within minutes of the occurrence of an incident. Messages are sent by multiple methods to contact information listed in the campus directory as well as confidential contact information registered by users. The system can send simultaneous messages to the college community by e-mail message and SMS text. Campus community members can contact the Office of Campus Safety and Security to update or change their contact information and are encouraged to list "SMS Text" as their primary contact method.

## EMERGENCY PROCEDURES

Las Positas College Office of Campus Safety and Security personnel are available twenty-four (24) hours a day, seven (7) days per week. Persons are encouraged to report any criminal activity or any other emergency by calling the Office of Campus Safety and Security by calling (925) 424-1699 or visiting the Office of Campus Safety and Security located in Building 1700. If the Office of Campus Safety and Security is closed, the on-duty campus safety officer can be contacted by telephone in the following ways:

- On-campus telephone, dial extension 1690 (non-emergency)
- On-campus telephone, dial extension 1699 (emergency)
- Off-campus telephone, dial (925) 424-1000 until 6:30 p.m.

## LOST AND FOUND

The Office of Campus Safety & Security takes great pride in returning lost and found property to their rightful owners. All property found on-campus should be brought to the Office of Campus Safety and Security located in Building 1700 to be recorded. All found property is held for and disposed of in the manner prescribed by law.

## PARKING

Parking on-campus is a privilege extended by the Chabot-Las Positas Community College District Board of Trustees to the faculty, staff, students, and guests. To ensure safety and the efficient use of available parking spaces, parking rules and regulations adopted by the Board of Trustees are enforced all year. Tickets will be issued for violators. Drivers using College parking lots shall comply with the rules and regulations adopted by the Board of Trustees pursuant to California Vehicle Code, Section 21113. Failure to comply with the parking rules and regulations may result in disciplinary action, the issuance of a parking citation, loss of parking privileges, and/or cause the vehicle to be towed at the owner's expense. Parking at Las Positas College is by permit only.



# CAMPUS SAFETY & SECURITY

## PARKING PERMITS

Parking at Las Positas College is by digital permit only. Full-term digital parking permits may be purchased online via parking permit portal. Daily digital parking permits may be purchased from parking permit machines located in the parking lots. All students and guests must purchase a digital parking permit for each day. Take notice that certain parking spaces are reserved for College employees and College vehicles. These parking spaces are clearly marked in front of the parking stall. Vehicles parked in a staff or other reserved space without the proper permit will be cited. All vehicles shall be parked clearly within designated parking stalls between the white lines and head-in only. Do not back in or drive through.

## PETS ON CAMPUS

No animals and/or pets of any kind or description are allowed within the boundaries of the college. This restriction also applies to animals and/or pets confined to any vehicle parked within the college boundaries. This policy does not apply to the use of a guide dog, signal dog, or service dog specially trained for assisting a person with a disability.

## SAFETY ESCORT SERVICES

The Office of Campus Safety and Security offers escorts to the campus community to and from the parking lots. To arrange to have an escort accompany you from your classroom or office to your vehicle by dialing (925) 424-1690, or from any College telephone by dialing extension 1690, or by activating a nearby emergency callbox.

## SEX OFFENDER REGISTRY

California law requires sex offenders who are employed, volunteer, are a resident of, or enrolled as a student at an institution of higher education, to register with the Livermore Police Department located at 1110 South Livermore Avenue, Livermore, CA 94550. To search the database of registered sex offenders in California by name or geography, check the Megan's Law website at <https://www.meganslaw.ca.gov/> or information concerning registered sex offenders can be obtained from the Livermore Police Department.

## SMOKING ON CAMPUS

Smoking is allowed only within designated smoking areas and is prohibited within 20 feet of a main exit, entrance, or operable window of any campus or District building. Smoking is prohibited inside any indoor area of any campus or District building and inside any District-owned or leased vehicles. Smoking is prohibited in any enclosed place of employment on-campus, including lobbies, lounges, waiting areas, stairwells, and restrooms that are a structural part of any building that is a place of employment. This also applies to electronic cigarettes or other imitation smoking devices.

## STATEMENT FOR NON-SWORN OFFICERS

The Chabot-Las Positas Community College District employs security officers with training specific to campus security.

## STATEMENT OF ENFORCEMENT AUTHORITY

The campus safety officer meets the legal definition of a security officer because of appointment pursuant to the California Education Code, Section 70902. The campus safety officer is not a peace officer, but Sections 626 and 627 of the California Penal Code provide special authority for school security officers to make an arrest if the

perpetrator fails to leave the College grounds after being directed to do so. In addition to this authority, campus safety officers can arrest for any misdemeanor or felony committed within their presence, but must use section 837 of the California Penal Code – arrest by a private person – to accomplish the arrest. Campus safety officers derive additional authority from Section 21113(a) of the California Vehicle Code. This section covers parking on school property. Officers can issue citations for violations of District Parking Regulations using this section.

## TIMELY WARNING

In an effort to provide timely notice to the campus community in the event of a Clery Act crime that may pose a serious or on-going threat to members of the community, Las Positas College Office of Campus Safety and Security will issue out a "Timely Warning." The Office of Campus Safety and Security will generally issue these warnings for the following crimes: criminal homicide; sexual assaults; robbery; aggravated assault; arson; burglary; and hate crimes. The Office of Campus Safety and Security will post these warnings through a variety of ways including, but not limited to, e-mail messages, posters or bulletins, and class discussions. The purpose of these warnings is to notify the campus community of the incident and to provide information that may enable community members to protect themselves from similar incidents. The Office of Campus Safety and Security will issue these warnings whenever the following criteria are met:

1. A crime is committed;
2. The perpetrator has not been apprehended; and
3. There is a substantial and on-going risk to the physical safety of other members of the campus community because of this crime.

Such crimes include, but are not limited to: Clery Act crimes that are reported to any campus security authority or the local police; or when the college determines that the incident represents an on-going threat to the campus community. Additionally, the Office of Campus Safety and Security may, in some circumstances, issue warnings when there is a pattern of crimes against persons or property. The Campus Safety Supervisor or designee will generally make the determination, in consultation with the President, if a warning is required. However, in emergency situations, any Campus Safety Officer may authorize a Clery Timely Warning. For incidents involving off-campus crimes, the college may issue a Crime Advisory if the crime occurred in a location used and frequented by the college population. Clery Timely Warnings are sent out to the campus community via the Everbridge system. If you have an official Las Positas College e-mail address, you are automatically enrolled in the crime alert notification system. These messages are a very effective way to share important information with the campus community about safety.

## TITLE IX

Title IX of the Educational Amendments of 1972 is an all-encompassing federal law that prohibits discrimination based on the gender of students and employees of educational institutions which receive federal financial assistance. Under Title IX, discrimination on the basis of sex can include sexual harassment, rape, and sexual assault. Colleges and universities that receive federal financial assistance may be held legally responsible when it knows about and ignores sexual harassment or assault in its programs or activities. Colleges and universities may be held responsible in court whether the harassment is committed by a College employee or student. Title IX related

# CAMPUS SAFETY & SECURITY

concerns and complaints of possible violations of Title IX should be reported to the Vice President of Student Services or designee.

## WEAPONS POLICY

Firearms, knives, explosives or other dangerous chemicals or objects, including, but not limited to, any facsimile firearm, knife or explosive, are prohibited on College property and all College-sponsored functions at all times. All weapons are prohibited at Las Positas College. Except for sworn law enforcement officials, it is a felony to bring or possess any firearm on any California school campus per California Penal Code, Section 626.9. It is also a felony to possess any air gun, including pellet and BB guns that utilizes air, CO2, or spring pressure to propel a metallic projectile; knives with a blade length of over 2.5 inches, dirks, daggers, and ice picks are also illegal per California Penal Code, Section 626.10. Any person may be arrested, expelled, suspended, placed on probation or given a lesser sanction for good cause and in accordance with College procedures consistent with due process for violations of the weapons policy.

## CRIME STATISTICS / CLERY ACT DISCLOSURE / ANNUAL SECURITY REPORT (ASR)

The Office of Campus Safety and Security prepares a report to comply with the Jeanne Clery Disclosure of Campus Security Policy and Crime Statistics Act. Crime statistics may be found online at [www.laspositascollege.edu/safety/statistics.php](http://www.laspositascollege.edu/safety/statistics.php). The full text of this report may be found online at [www.laspositascollege.edu/safety/documents/clery.pdf](http://www.laspositascollege.edu/safety/documents/clery.pdf). The report is prepared in cooperation with the local law enforcement agencies. Campus crime, arrest, and referral statistics include those reported to the Office of Campus Safety and Security, designated campus officials including, but not limited to, administrators, faculty, classified professionals, advisors to students and student organizations, athletic coaches, and local law enforcement agencies.

**Clery Act Statistics  
Las Positas Community College  
2019 – 2021**

20 U.S.C. 1092 H (Crimes)  Criminal Offenses	2019			2020			2021		
	On Campus Property	Non Campus Property	Public Property	On Campus Property	Non Campus Property	Public Property	On Campus Property	Non Campus Property	Public Property
Murder/Non-negligent Manslaughter	0	0	0	0	0	0	0	0	0
Negligent Manslaughter	0	0	0	0	0	0	0	0	0
Rape	0	0	0	0	0	0	0	0	0
Fondling	2	0	0	0	0	0	0	0	0
Incest	0	0	0	0	0	0	0	0	0
Statutory Rape	0	0	0	0	0	0	0	0	0
Robbery	1	0	0	1	0	0	0	0	0
Aggravated Assault	0	0	0	0	0	0	0	0	0
Burglary	2	0	0	0	0	0	0	0	0
Motor Vehicle Theft	0	0	0	0	0	0	0	0	0
Arson	0	0	0	0	0	0	0	0	0
Domestic Violence	0	0	0	0	0	0	0	0	0
Dating Violence	0	0	0	0	0	0	0	0	0
Stalking	0	0	0	0	0	0	0	0	0
Bias Crimes	On Campus Property	Non Campus Property	Public Property	On Campus Property	Non Campus Property	Public Property	On Campus Property	Non Campus Property	Public Property
Disability	0	0	0	0	0	0	0	0	0
Ethnicity	0	0	0	0	0	0	0	0	0
Gender	0	0	0	0	0	0	0	0	0
Race	0	0	0	0	0	0	0	0	0
Religion	0	0	0	0	0	0	0	0	0
Sexual Orientation	0	0	0	0	0	0	0	0	0
Arrests	On Campus Property	Non Campus Property	Public Property	On Campus Property	Non Campus Property	Public Property	On Campus Property	Non Campus Property	Public Property
Weapons Violations	0	0	0	0	0	0	0	0	0
Drug Law Violations	0	0	0	0	0	0	1	0	0
Liquor Law Violations	0	0	0	0	0	0	0	0	0
Disciplinary Referrals	On Campus Property	Non Campus Property	Public Property	On Campus Property	Non Campus Property	Public Property	On Campus Property	Non Campus Property	Public Property
Weapons Violations	0	0	0	0	0	0	0	0	0
Drug Law Violations	0	0	0	0	0	0	0	0	0
Liquor Law Violations	0	0	0	0	0	0	0	0	0

# PARKING PERMITS AVAILABLE ONLINE

Semester parking permits are now **DIGITAL**, and registered to your license plate.

**~ YOU WILL NOT RECEIVE A PHYSICAL PERMIT ~**

**\$45**  
per semester

**\$30**  
Fee Waiver students

**\$20**  
Motorcycle



## Before purchasing a permit you will need the following information:

- ✓ An email address
- ✓ Vehicle license plate number
- ✓ Make, model, color of vehicle

## To purchase a permit:

- Log into CLASS-Web, go to "Student Services"
- Click on "Order Parking Permit"
- Continue by following the on-screen instructions
- Also available at the Las Positas College main website under "Parking Permits"

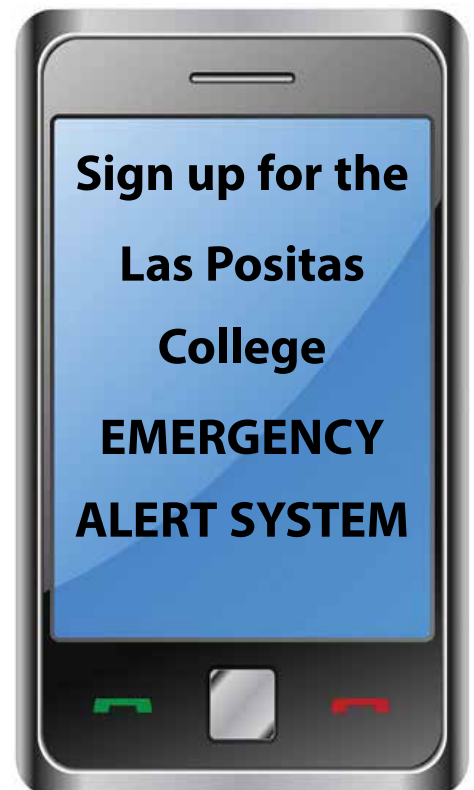
**Students must purchase a DIGITAL parking permit each semester to park on campus. If you do not have a digital semester permit registered to your vehicle, daily digital permits are available for \$3.00 – look for the parking permit machines located in the parking lots.**

## Don't Be The Last To Know!

Everbridge is the emergency alert system used to deliver timely and necessary emergency alerts.

To receive these alerts, students, faculty and staff can sign up as follows:

- Sign into CLASS-Web using your W ID Number and PIN.
- Click on the Personal Information tab.
- Click on 'Update Emergency Text-Authorized Cell Phone Number'.
- Enter your cell phone number to be used and click Submit.
- To opt out - after first message received, reply STOP.



# LAS POSITAS COLLEGE BOOKSTORE

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- Rapid Route 30R comes to campus every 15 minutes
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# FALL 2023 FINAL EXAM SCHEDULE

Fall 2023 final examinations for full-term classes will be held December 13, 2023 - December 19, 2023. Your final exam might not always occur at the same time as your class. Please carefully check the chart below to determine the time and day of your final exam. The schedule below applies to final exams given in face-to-face classes, hybrid courses (online with in-person meetings for exams, labs, or skills instruction), and online courses taught synchronously. Instructors teaching online asynchronously, or a combination of asynchronous and synchronous, will clarify their final exam instructions on the class syllabus. This final exam schedule applies to full-term classes only.

The first hour and the first day of the week that day classes meet determines placement of the final exam. In determining the examination time for lecture-laboratory classes and lecture-discussion courses, the lecture period determines the time. For stand-alone lab course (with its own CRN Number), a two-hour final examination will be given during final examination week. The first hour and the day of the week that the laboratory class meets will determine the placement of the class in the schedule below. If you have a question about when and where your final exam will take place, please contact your instructor.

## Day Classes (Classes beginning before 4:00pm)

Start Time and Days of Regular Class Meeting		Time and Day of Final Examination		
<b><i>Predominantly Monday/Wednesday</i></b>				
7:30am, 8:00am	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	7:30–9:20am	Wednesday	Dec 13
8:30am, 9:00am	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	7:30–9:20am	Monday	Dec 18
9:30am, 10am	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	9:30–11:20am	Wednesday	Dec 13
10:30am, 11am	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	9:30–11:20am	Monday	Dec 18
11:30am, 12:00 noon	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	11:30am–1:20pm	Wednesday	Dec 13
12:30pm, 1:00pm	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	11:30am–1:20pm	Monday	Dec 18
1:30pm, 2:00pm	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	1:30–3:20pm	Wednesday	Dec 13
2:30pm, 3:00pm	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	1:30–3:20pm	Monday	Dec 18
3:30pm	MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M	3:30–5:20pm	Wednesday	Dec 13
<b><i>Predominantly Tuesday/Thursday</i></b>				
7:30am, 8:00am	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	7:30–9:20am	Thursday	Dec 14
8:30am, 9:00am	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	7:30–9:20am	Tuesday	Dec 19
9:30am, 10:00am	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	9:30–11:20am	Thursday	Dec 14
10:30am, 11:00am	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	9:30–11:20am	Tuesday	Dec 19
11:30am, 12:00 noon	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	11:30am–1:20pm	Thursday	Dec 14
12:30pm, 1:00pm	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	11:30am–1:20pm	Tuesday	Dec 19
1:30pm, 2:00pm	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	1:30–3:20pm	Thursday	Dec 14
2:30pm, 3:00pm	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	1:30–3:20pm	Tuesday	Dec 19
3:30pm	TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF	3:30–5:20pm	Thursday	Dec 14

# FALL 2023 FINAL EXAM SCHEDULE

## Classes starting before 7:30am, or classes meeting W, Th, or F only before 4:00pm

Start Time and Days of Regular Class Meeting		Time and Day of Final Examination		
5:30am, 6:00am	Daily	Regular class time	Friday	Dec 15
6:45am, 7:00am, 7:30am, 8:00am, 8:30am, 9:00am	Before 7:30, or W, Th, F only before 4pm	7:30–9:20am	Friday	Dec 15
9:30am, 10:00am, 10:30am, 11:00am	Before 7:30, or W, Th, F only before 4pm	9:30–11:20am	Friday	Dec 15
11:30am, 12:00 noon, 12:30pm 1:00pm	Before 7:30, or W, Th, F only before 4pm	11:30am–1:20pm	Friday	Dec 15
1:30pm, 2:00pm, 2:30pm, 3:00pm	Before 7:30, or W, Th, F only before 4pm	1:30–3:20pm	Friday	Dec 15
3:30pm	Before 7:30, or W, Th, F only before 4pm	3:30–5:20pm	Friday	Dec 15

## Classes that meet “By Arrangement”

Start Time and Days of Regular Class Meeting		Time and Day of Final Examination		
By Arrangement	All classes that meet “By Arrangement”	3:30–5:20pm	Friday	Dec 15

## Classes meeting on or after 4:00pm

Start Time and Days of Regular Class Meeting		Time and Day of Final Examination		
4:00pm and ending by 7:30pm	MW, or Monday Only	5:30pm–7:20pm	Wednesday	Dec 13
4:00pm and ending by 7:30pm	TTh, or Tuesday Only	5:30pm–7:20pm	Thursday	Dec 14
4:00pm and ending by 7:30pm	Wednesday only	5:30pm–7:20pm	Monday	Dec 18
4:00pm and ending by 7:30pm	Thursday only	5:30pm–7:20pm	Tuesday	Dec 19
4:00pm and ending by 7:30pm	Friday only	5:30pm–7:20pm	Friday	Dec 15
6:30pm or after	MW, or Monday only	7:30pm–9:20pm	Wednesday	Dec 13
6:30pm or after	TTh, or Tuesday only	7:30pm–9:20pm	Thursday	Dec 14
6:30pm or after	Wednesday only	7:30pm–9:20pm	Monday	Dec 18
6:30pm or after	Thursday only	7:30pm–9:20pm	Tuesday	Dec 19
6:30pm or after	Friday only	7:30pm–9:20pm	Friday	Dec 15

**Weekend Classes:** All Saturday classes have their finals in their regular room at the regular class time scheduled on Saturday, December 16, 2023.

**Fast Track and Late Start Classes:** Final exams held during the last 2 hours of the last class meeting.

**Online Classes:** Consult your instructor for final exam information.

**HyFlex Classes:** Consult your instructor for final exam information if you are participating asynchronously online. HyFlex instructors must hold a face-to-face final exam at the scheduled time.

*NOTE: This information is subject to change. Please find the most updated information online.*

# CAMPUS DIRECTORY

<b>Admission &amp; Records</b>	424-1500	<b>Integrated Learning Center (ILC)</b>	424-1310
<i>Building 1600, Room 1670</i>		<i>Building 600, Room 601</i>	
<b>Assessment Center (Testing)</b>	424-1475	<b>International Student Program</b>	424-1540
<i>Building 1600, Room 1642</i>		<i>Building 1600, Room 1658</i>	
<b>Athletics</b>	424-1274	<b>Library</b>	424-1151
<i>Building 2500, Room PE116</i>		<i>Building 2000</i>	
<b>Black Cultural Resource Center (BCRC)</b>	424-1085	<b>Math Learning Center</b>	424-1310
<i>Building 1700, Room 1726</i>		<i>Building 600, Room 601</i>	
<b>Bookstore</b>	424-1812	<b>Ombuds</b>	424-1406
<i>Building 1300, Room 1300</i>		<i>Building 1600, Room 1669</i>	
<b>Cafeteria</b>	424-1849	<b>Outreach</b>	424-1407
<i>Building 1600, Room 1620</i>		<i>Building 1600, Room 1643</i>	
<b>CalWORKs</b>	424-1459	<b>Puente Project</b>	424-1414
<i>Building 1600, Room 1668</i>		<i>Building 1000, Room 1018</i>	
<b>Campus Safety &amp; Security</b>	424-1690	<b>Reading and Writing Center (RAW)</b>	424-1450
<i>Building 1700, Room 1725</i>		<i>Building 2400, Room 2401, Office D</i>	
<b>CARE Program</b>	424-1598	<b>Student Government</b>	424-1490
<i>Building 1600, Room 1668A</i>		<i>Building 1600, Room 1643</i>	
<b>Career Center</b>	424-1487	<b>Student Health &amp; Wellness Center</b>	424-1830
<i>Building 1600, Room 1604</i>		<i>Building 1700, Room 1701</i>	
<b>Cashier's Office</b>	424-1500	<b>Student Life</b>	424-1496
<i>Building 1600, Room 1670</i>		<i>Building 1600, Room 1643</i>	
<b>Child Development Center</b>	424-1560	<b>Transfer Center</b>	424-1423
<i>Building 2300</i>		<i>Building 1600, Room 1604</i>	
<b>Community Education</b>	424-1467	<b>Tutorial Center</b>	424-1450
<i>Building 1600, Room 1658</i>		<i>Building 2400, Room 2401</i>	
<b>Computer Center</b>	424-1144	<b>UMOJA</b>	424-1437
<i>Building 800, Room 803</i>		<i>Building 1700, Room 1726</i>	
<b>Concurrent Enrollment</b>	424-1500	<b>Veterans First Program</b>	424-1570
<i>Building 1600, Room 1670</i>		<i>Building 1300, Room 1310</i>	
<b>Counseling</b>	424-1400		
<i>Building 1600, Room 1616</i>			
<b>Disabled Student Programs &amp; Services (DSPS)</b>	424-1510		
<i>Building 1600, Room 1615</i>			
<b>Engineering Technology</b>	424-1254		
<i>Building 1800, Room 1825</i>			
<b>Extended Opportunity Programs &amp; Services (EOPS)</b>	424-1598		
<i>Building 1600, Room 1668</i>			
<b>Financial Aid &amp; Scholarships</b>	424-1580		
<i>Building 1600, Room 1650</i>			
<b>Information Desk</b>	424-1000		
<i>Building 1600, Room 1630</i>			

## OFF-CAMPUS INSTRUCTIONAL SITES

Amador Valley High School  
1155 Santa Rita Road  
Pleasanton, CA 94566

Livermore Adult Education School  
1401 Almond Avenue #A  
Livermore, CA 94550

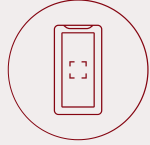
Dublin High School  
8151 Village Parkway  
Dublin, CA 94568

Tri-Valley Golf Center  
1780 Freisman Road  
Pleasanton, CA 94588

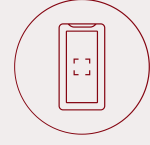
Leo R. Croce Elementary School  
5650 Scenic Avenue  
Livermore, CA 94551

Village High School  
4645 Bernal Avenue  
Pleasanton, CA 94566

# NEW! 3D CAMPUS MAP



# SCAN ME!



TO VIEW OUR NEW 3D CAMPUS MAP



WAYFINDING TO SHOW YOU DIRECT PATHS FROM POINT A TO POINT B



FIND BUILDINGS, CLASSROOMS, STUDENT SERVICES, TUTORING, AND MORE!



VIEW PARKING LOTS, DAILY PERMITS AND PUBLIC TRANSPORTATION



FIND FOOD SERVICES INCLUDING THE CAFETERIA, VENDING & COFFEE MACHINES

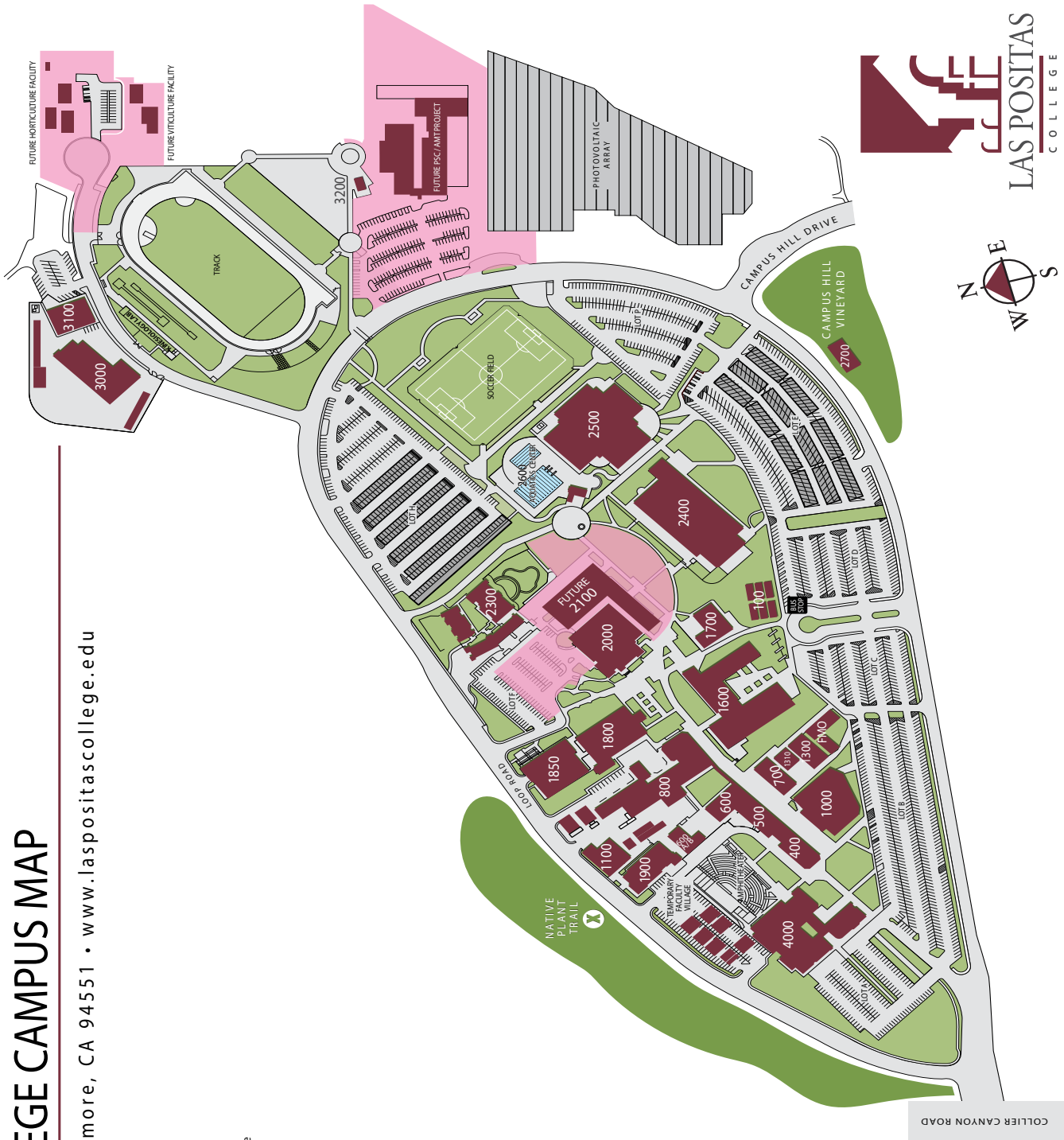


# LAS POSITAS COLLEGE CAMPUS MAP

3000 Campus Hill Drive, Livermore, CA 94551 • [www.laspositascollege.edu](http://www.laspositascollege.edu)

## KEY TO BUILDINGS

100	Classrooms
400	English Classrooms & Lab
500	Fine Arts
600	Classrooms, ILC (Integrated Learning Center), Open Math Lab
600 A/B	Fire Service Technology Training
700	Visual Communications, Photography Studio, Computer Lab
800	Lecture Hall, Computer Labs, Auto & Welding Labs, Smog Referee Center, Horticulture/Viticulture, Garden Classrooms, Greenhouse
1000	Classroom Building
1100	Central Utility Plant
1300	Bookstore
1310	Veterans Resource Center
1600	Student Services & Administration Building
	1690 Academic Services, Vice President's Office
	1689 Administrative Services, Vice President's Office
	1670 Admissions & Records
	1642 Assessment Center
	1620 Cafeteria
	1604 Career/Transfer Center
	*1663 Community Education
	1616 Counseling Center
	1615 DSPS High Tech Center
	1668 EOPS, CARE, CALLWORKS
	1650 Financial Aid
	1658 International Student Program
	1672 Online Service Center
	1680 President's Office
	1643 Student Government (ASLPC)
	1669 Student Services, Vice President's Office
	1643 Welcome Center
1700	Campus Safety, Student Health Center, Copy Center, Mail Room
	1710 Student Health Center
	1717 Copy Center
	1725 Campus Safety
	1726 Black Cultural Resource Center
1800	Science Technology Center 1
1850	Science Technology Center 2
1900	Information Technology Services (ITS)
2000	Library (Learning Resource Center)
2300	Child Development Center
2400	Multi-Disciplinary Education Building
	2401 Tutorial Center
	2420 Lecture Hall
2500	Physical Education Complex (Gym)
2600	Aquatic Center
2700	Campus Hill Vineyard
3000	Maintenance & Operations Building
3100	Maintenance & Operations Building
3200	Field House
4000	Mertes Center for the Arts
	4119 Main Theater
	4128 Black Box Theater
TRACK	Track & Field - Kinesiology Lab
FVO	Facilities Management Office
	*Pink/Current Construction Projects
B2100	Academic Support and Office Building
PSC/AMT	Public Safety Complex/Advanced Manufacturing and Transportation Facilities



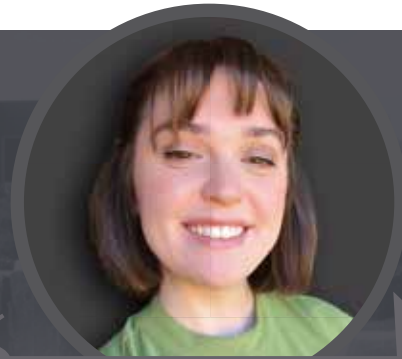
# STUDENT HIGHLIGHTS



“I was initially unsure what I wanted to study. Then one of my friends who had also taken classes at Las Positas College recommended the Early Care Education program. I enrolled in two classes and got hooked on the program. I initially chose LPC because it is affordable and close to my house. I quickly discovered how friendly, responsible and flexible the staff is. You can also visit the counselor’s office if you have any questions about your major. Counselors help you plan your classes, including the best time to take them according to your lifestyle. I absolutely love LPC.”

**Maria Morales**

**Maria Morales Suarez** was first introduced to Las Positas College by a sister who invited her to take an English as a second language class several years ago. She had a very positive experience and decided to look into other class offerings. After doing so, Maria was all in and ended up earning an Early Childhood Development AA degree, an Early Childhood Intervention AA degree, an Early Intervention Certificate, and an Associate and Master Teacher Certificate. While at LPC, Maria also worked as a student assistant in the LPC Child Development Center, and is now working full time as an Early Care Education assistant.



“I’m definitely biased, but the music classes at LPC are phenomenal. They’re constantly updated, interesting to attend, and are SO much fun! Some people diss community college that it’s somehow lesser than a traditional university, but that is completely wrong. My LPC classes challenged me just as much, if not more than the classes I’m taking at a state university, for a quarter of the price. The students and faculty are incredible. I’ve made so many amazing friends and professional connections through LPC, and they continue to help me prosper even after transferring to San Francisco State University.”

**Sydney Roberts**

**Sydney Roberts** has a deep-rooted love for music. After graduating from high school, she decided to enroll in LPC’s music program after hearing great reviews about the professors and classes offered at the college. She wasn’t disappointed. Sydney ended up earning an Associate of Arts in music, an Associate of Arts Transfer in music, and a Commercial Music Certification in scoring for film and multimedia from Las Positas College. She subsequently transferred to San Francisco State University to pursue a bachelor’s degree in music composition with a focus in video game scoring and a video game studies minor.



3000 Campus Hill Drive  
Livermore, CA 94551-7623  
Tel: 925.424.1000  
[www.laspositascollege.edu](http://www.laspositascollege.edu)

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ECRWSS

## RESIDENTIAL CUSTOMER

**LPC  
Tuition-  
FREE**

Starting this fall, first-time,  
full-time students at LPC  
can take classes tuition-free.  
See inside for details or visit

[www.laspositascollege.edu/freetuition](http://www.laspositascollege.edu/freetuition)



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LEARN MORE



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