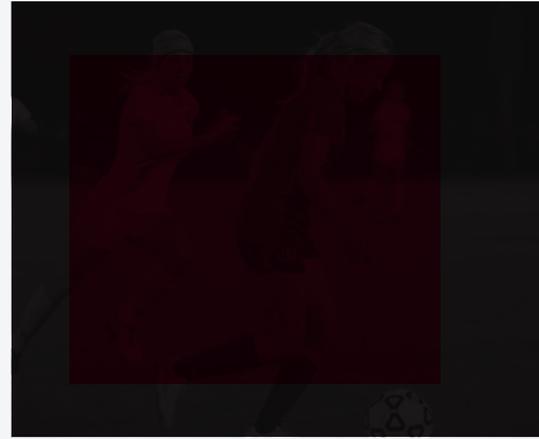
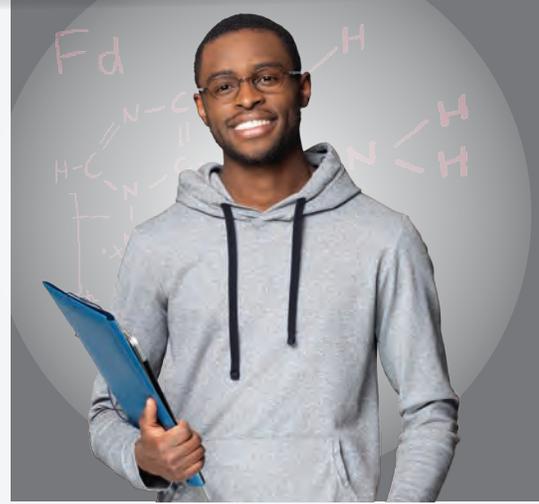


LAS POSITAS COLLEGE

SUMMER/FALL 2022 CLASS SCHEDULE

SAVE | LEARN | TRANSFER | WORK



INVEST IN

you

MESSAGE FROM LAS POSITAS COLLEGE



Dear Students,

Las Positas College is open! We are excited and look forward to welcoming you to campus! I am pleased that you have decided to attend Las Positas College to pursue your educational goals and career aspirations. The college has worked hard to develop a comprehensive plan to provide a healthy and safe learning environment for you.

The caring and dedicated faculty, staff, and administrators at LPC are committed to supporting you through your college experience. As you will discover, LPC prides itself on academic excellence, student equity, and student success and completion.

We've learned a lot from the challenges of the pandemic, especially the importance of remaining flexible. We've maintained flexible options for you that allow you to take courses online or in person, and you will have the opportunity to access support services online or in person as well.

We have outstanding student support services, academic resources, and excellent opportunities for you to be involved in campus life, events, and activities. I am confident that you will find that Las Positas College will prepare you well for transfer to a four-year college or university and for entering 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.

Again, welcome to the new semester at LPC and I wish you much success!

Sincerely,

A handwritten signature in black ink that reads "Dyrell Foster".

Dr. Dyrell Foster
President, Las Positas College

WE CAN'T WAIT TO SEE YOU!



BOARD OF TRUSTEES

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

CHANCELLOR

Ronald P. Gerhard, Chancellor





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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Statement Concerning COVID-19 Pandemic

In response to the evolving challenges of the COVID-19 pandemic, the safety of our communities and the success of our students remain our top priorities. At the time of this printing, many of the published policies, established in accordance with board policy and/or college governance, have been temporarily adjusted. During the 2022-2023 academic year, be sure to ask about the latest developments or check the class schedule, available online.

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



COVID-19 VACCINATION MANDATE

Protect yourself. Protect your peers.

**COVID-19 VACCINATION IS REQUIRED
for all students attending in-person
classes for Summer and Fall 2022.**

**All students accessing in-person classes and
services must show proof of vaccination
before starting classes.**



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!



FEATURES



CLASSROOM &
GROUP CHAT



VIDEO
COLLABORATION



AUDIO
CALLS



SCHOOL
ANNOUNCEMENTS



INSTANT LANGUAGE
TRANSLATION



TASK
MANAGEMENT



FILE SHARING
& STORAGE

ACADEMIC CALENDAR

Registration Dates for SUMMER/FALL 2022

| | |
|--------------------|--|
| April 25..... | STATE MANDATED - CalWORKs, DSPS, EOPS/CARE, Foster Youth, Homeless, and Veterans begins |
| April 27..... | COLLEGE PRIORITY - Student Athletes, Student Government Officers, International Students, Puente Students, and Umoja Students begins |
| April 28..... | Continuing students with <u>3 Core Services completed</u> begins |
| May 2..... | New students with <u>3 Core Services completed</u> begins |
| May 2..... | Returning students with <u>3 Core Services completed</u> begins |
| May 4..... | Continuing students who have not completed the <u>3 Core Services</u> begins |
| May 6..... | Students on probation, dismissed status, or those who have completed 100 or more degree applicable units at LPC or Chabot College |
| May 6 | OPEN REGISTRATION |
| May 16..... | Special Admit/Concurrent high school students |

CONCURRENT ENROLLMENT APPLICATION DEADLINE

| | |
|-------------------------------|--|
| March 15 - May 13, 2022..... | Accepting High School Concurrent Enrollment Applications for Summer 2022 |
| March 15 - July 29, 2022..... | Accepting High School Concurrent Enrollment Applications for Fall 2022 |

SUMMER 2022 Sessions

| | |
|---------------------------|--|
| May 31 - June 30..... | 1 st 5-week session |
| June 13 - Aug 4..... | 8-week session |
| June 20 - July 28..... | 6-week session |
| July 5 - Aug 4..... | 2 nd 5-week session |
| July 4..... | Holiday – Independence Day Observance (college closed) |
| July 21..... | Deadline to file for an Associate Degree and/or Certificate of Achievement |
| August 4..... | Last day of Summer session |
| August 8..... | Instructors: Summer grades due by 11pm via CLASS-Web |
| Week of Aug 15, 2022..... | Students: Summer 2022 grades available via CLASS-Web |

FALL 2022 Semester Calendar (DATES APPLY TO FULL-TERM CLASSES ONLY)

| | |
|------------------------------------|--|
| August 15..... | Convocation Day |
| August 16..... | College Day |
| August 17 | Fall semester begins (<i>full-term classes only</i>) |
| August 17 - September 5..... | Late enrollment for full-term classes – on a space available basis. Register online through CLASS-Web or in-person with add authorization number |
| August 17..... | Associate Degree and/or Certificate of Achievement filing period begins through October 21 |
| August 20..... | Instruction begins for Saturday classes |
| September 2..... | Last day to ADD/DROP with No Grade-of-Record (NGR) - In-Person (<i>full-term classes only</i>) |
| September 3 - 4..... | College closed – no Saturday/Sunday classes |
| September 5..... | Last day to ADD/DROP with No Grade-of-Records (NGR) - Online via CLASS-Web (<i>full-term classes only</i>) |
| September 5..... | Holiday – Labor Day (college closed) |
| September 6..... | CENSUS date (<i>full-term classes only</i>) |
| October 21..... | Deadline to apply for an Associate Degree and/or Certificate of Achievement |
| November 10..... | Last day to WITHDRAW with a “W” - In-Person (<i>full-term classes only</i>) |
| November 11..... | Holiday – Veterans Day (college closed) |
| November 13..... | Last day to WITHDRAW with a “W” - Online via CLASS-Web (<i>full-term classes only</i>) |
| November 23 - 26..... | Holiday – Thanksgiving Recess (college closed) (<i>no Saturday/ Sunday classes</i>) |
| December 10..... | Last day of Saturday classes |
| December 13..... | Last day to request Pass/No Pass (<i>full-term classes only</i>) |
| December 13..... | Last day of Instruction |
| December 14 - 20..... | Final Examination Period |
| December 17..... | Final Exams for Saturday classes |
| December 21 - January 2, 2023..... | Holiday – Winter Recess – No Instruction |
| January 2, 2023..... | Instructors: Fall 2022 grades due by 11pm via CLASS-Web |
| Week of January 9, 2023..... | Students: Fall 2022 grades available via CLASS-Web |

FALL 2022 Drop for Non-Payment Deadline

| | |
|---|------------------------------------|
| Students who register for Fall classes between April 25 - May 30, 2022..... | Must Pay by June 8, 2022 |
| Drop for non-payment will be processed on June 9, 2022. | |
| Students who register for Fall classes between May 31 - July 8, 2022..... | July 20, 2022 |
| Drop for non-payment will be processed on July 21, 2022. | |

REGISTRATION DATES - SUMMER/FALL 2022

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 |
|---|--|----------------------|
| CalWORKs DSPS EOPS/CARE Foster Youth Homeless Veterans | STATE MANDATED PRIORITY GROUPS <ul style="list-style-type: none"> • Must complete all 3 Core Services • Must be in good academic and progress standing • Must have less than 100 degree applicable units | April 25 |
| Student Athletes Student Government Officers International Students Puente Students Umoja Students | COLLEGE PRIORITY GROUPS The only students in this priority group are noted in the left column. <ul style="list-style-type: none"> • Must complete all 3 Core Services • Must be in good academic and progress standing • Must have less than 100 degree applicable units | April 27 |
| Continuing Students who COMPLETED all 3 Core Services | CONTINUING STUDENT REGISTRATION SCHEDULE Priority registration date is based on the following: <ul style="list-style-type: none"> • Completion of all 3 Core Services • Good academic and progress standing • Must have less than 100 degree applicable units • And total units completed (including in-progress units) <ul style="list-style-type: none"> • 60 - 99.9 units will register on April 28, 2022 • 45 - 59.9 units will register on April 28, 2022 • 30 - 44.9 units will register on April 29, 2022 • 15 - 29.9 units will register on April 29, 2022 • 0.5 - 14.9 units will register on April 29, 2022 | April 28 - 29 |
| New Students | NEW STUDENTS eligible for this registration date are: <ul style="list-style-type: none"> • Students who have completed all 3 Core Services • Students enrolled in less than 0.5 units | May 2 |
| Returning Students | RETURNING STUDENTS are eligible for this registration date if they: <ul style="list-style-type: none"> • Completed all 3 Core Services • Are in good academic and progress standing • Have less than 100 degree applicable units | May 2 |
| Continuing Students who HAVE NOT completed all 3 Core Services | CONTINUING STUDENTS are eligible for this registration date if they: <ul style="list-style-type: none"> • Have not completed all 3 Core Services • Are in good academic and progress standing • Have less than 100 degree applicable units <ul style="list-style-type: none"> • CalWORKs, DSPS, EOPS/CARE, Foster Youth, Homeless, and Veterans will register on May 4, 2022 • Student Athletes, Student Government Officers, International Students, Puente Students, and Umoja Students will register on May 4, 2022 • 30 -99.9 units will register on May 4, 2022 • 0.5-29.9 units will register on May 5, 2022 | May 4 - May 5 |
| Students on Probation/Dismissal Excessive Units | <ul style="list-style-type: none"> • 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 • Students with over 100 degree-applicable units | May 6 |
| OPEN REGISTRATION All Students (except High School Concurrent Enrollment Students) | Open Registration begins for students: <ul style="list-style-type: none"> • Who have not completed all 3 Core Services • Admitted to the College after all groups have registered | May 6 |
| Concurrent Enrollment | Concurrent Enrollment Registration Begins High School students (10 th , 11 th , & 12 th grade) applying for Summer/Fall 2022 | May 16 |

STEPS TO SUCCESS



STEP 01

Apply For Admission.



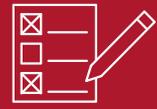
STEP 02

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/index.php>

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 10th, 11th or 12th grade may participate in the Concurrent Enrollment Program.

HOW TO APPLY FOR ADMISSION

Apply online at 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
- 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.

ADMISSION INFORMATION

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.

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 10th, 11th, and 12th grades to enroll in college-level, degree-applicable courses.

ELIGIBILITY

1. Must be recommended by their high school principal.
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 DocuSign. 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 and Fall 2022 terms begins: May 16, 2022

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

March 15 - May 13, 2022 – Accepting High School Concurrent Enrollment Applications for Summer 2022

After May 13, 2022, the High School Concurrent Enrollment program for the Summer 2022 term will be closed.

March 15 - July 29, 2022 – Accepting High School Concurrent Enrollment Applications for Fall 2022

After July 29, 2022, the High School Concurrent Enrollment program for the Fall 2022 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. Students must complete the required concurrent enrollment materials each semester or term 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 \$292 + \$46 = \$338 per unit. Materials fees apply to some classes.

COURSE REGISTRATION PROCEDURES

ADDING CLASSES

1. Go to 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 for a short period of time, so DON'T DELAY your registration. 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 4 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 4 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 student must request a Class Overlap form at the Admissions and Records Office. The form must be filled out by the instructor and signed by the appropriate Dean. The student must then return the completed form to the Admissions and Records Office no later than the day before the Census date. |
| 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

 LAS POSITAS COLLEGE
 @LPCOFFICIAL

 LASPOSITASCOLLEGE
 LAS POSITAS COLLEGE

NEED HELP? ASK THE HELPZONE! Call (925) 424-1710 or send email to helpzone@clpcdd.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 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 for more information regarding how to meet with a counselor.

ENROLLMENT POLICIES & PROCEDURES

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.

COLLEGE TRANSCRIPTS

Las Positas College utilizes a third-party online transcript ordering system. Place third-party official transcript orders through the Las Positas website located through a link provided on the Admissions Transcript webpage.

Las Positas College offers two free transcript for all students. Free transcript forms are located on the Admissions Transcript webpage. Free transcripts take 10 working days to process, do not offer RUSH service and are always mailed. Only through the third-party online transcript ordering system, can students access more ordering options.

Las Positas College does not offer pick up service for transcripts.

Students may print unofficial transcripts from their 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.

COMMUNICATION IS KEY!

All registration notices, Financial Aid and general College information, will be emailed to your Zonemail Account. Check it regularly! We want to make sure you have all the information you need to be successful in your time at Las Positas College. Please keep in touch and review all emails and communication from us when you receive it!

Forward Your ZoneMail to Your Personal Email:

1. Login to your ZONEmail account at <https://myportal.clpccd.cc.ca.us>
2. Click the email option
3. In the upper right hand corner, click the Setting icon and select "Mail Settings"
4. Click the "Forwarding and POP/IMAP" tab
5. Click "Add a Forwarding Address" and type your personal email
6. Access your personal email account to retrieve the verification code, then enter it into the box and click "Verify"
7. Select the option to "Forward a copy of incoming mail" to your personal email.
8. Save changes

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
- § Certificate of Accomplishment - not transcribed
- CP Certificate of Competency - noncredit
- CL Certificate of Completion - noncredit

*Career Technical Education (CTE) - occupational programs designed for job entry; some courses are transferable to 4-year institutions

| | | | |
|--|----|------|-------|
| Administration of Justice | | | |
| 21st Century Policing Certificate of Achievement* | | | CA |
| Administration of Justice* | AA | AS-T | |
| Anthropology | | | |
| Anthropology | | AA-T | |
| Apprenticeship Information Security Analyst | | | |
| Information Security Analyst* | AS | | CA |
| Apprenticeship Ironworkers | | | |
| Advanced Shop Ironworkers Apprenticeship* | | | CA |
| Basic Shop Ironworkers Apprenticeship* | | | CA |
| Elementary Shop Ironworkers Apprenticeship* | | | CA |
| Intermediate Shop Ironworkers Apprenticeship* | | | CA |
| Shop Ironworkers Apprenticeship* | AS | | |
| Apprenticeship Marine Technology | | | |
| Marine Technology Boating 101* | | | CA |
| Marine Technology Yachting 101* | | | CA |
| Apprenticeship Reddaway Truck Driving | | | |
| Reddaway Truck Driving* | | | CA |
| Reddaway Truck Driving Academy Apprenticeship* | | | CA |
| Art | | | |
| Art: Emphasis in Painting | AA | | |
| Studio Arts | | AA-T | |
| Art History | | | |
| Art History | | AA-T | |
| Automotive Technology | | | |
| Automotive Advanced Smog Technician* | | | CL |
| Automotive Alternative Fuels/Hybrid Technology* | AS | | CA |
| Automotive Basics* | | | CL |
| Automotive Chassis* | | | CA CL |
| Automotive Drivability* | | | CA |
| Automotive Electronics Technology* | AS | | |
| Automotive Light Duty Diesel* | AS | | CA |
| Automotive Master* | AS | | CA |
| Automotive Mechanical* | | | CA CL |
| Automotive Smog* | | | CL |
| Automotive Smog Technician* | AS | | CA |
| Automotive Summer Camp* | | | CL |
| Concepts of Automotive Body Systems* | | | CL |
| Concepts of Automotive Chassis* | | | CL |
| Concepts of Automotive Know How* | | | CL |
| Concepts of Automotive Mechanical* | | | CL |
| Concepts of Automotive Powertrain* | | | CL |
| Aviation | | | |
| Drone Photography, Mapping, and Piloting | | | CL |
| Biological Sciences | | | |
| Biology | AA | AS-T | |
| Biology: Allied Health | AA | | |
| Biology UC Pathway | AS | | CA |
| Computational Biology* | AA | | CA |
| Business | | | |
| Accounting Technician* | | | CA |
| Bookkeeping* | | | CA |
| Business* | AS | | |
| Business Administration* | AA | | |
| Business Administration 2.0* | | AS-T | |
| Business Entrepreneurship* | AA | | CA |

| | | | |
|---|----|------|----|
| Business Workforce Proficiency* | | | CA |
| Customer Service* | | | CL |
| Retail Management (WAFC)* | | | CA |
| Small Business Management* | | | CL |
| Supervisory Management* | | | CA |
| Chemistry | | | |
| Chemistry | AS | | |
| Chemistry Education | AS | | |
| Communication Studies | | | |
| Communication Studies | | AA-T | |
| Computer Information Systems | | | |
| 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 |
| Computer Networking Technology | | | |
| Cybersecurity and Network Administration* | AS | | |
| Cybersecurity Professional* | | | CA |
| IT Support Professional* | | | CA |
| Network Support Professional* | | | CA |
| Computer Science | | | |
| Artificial Intelligence* | | | CA |
| Computer Programming* | | | CA |
| Computer Programming for the Web* | | | CA |
| Computer Science | AS | | |
| Management Information Systems* | | | CA |
| Red Hat Administration* | | | CA |
| Early Care and Education | | | |
| 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 | |
| Economics | | | |
| Economics | | AA-T | |
| Emergency Medical Services | | | |
| Emergency Medical Services EMT-Paramedic* | AS | | CA |
| Emergency Medical Technologies* | | | CA |
| Emergency Medical Responder* | | | § |
| Engineering | | | |
| 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 |
| English | | | |
| Creative Writing | | | CA |

| | | | | |
|---|----|------|----|----|
| English | AA | AA-T | | |
| English as a Second Language | | | | |
| Advanced ESL Communication Studies* | | | | CL |
| ESL College Grammar Pathway | | | | CP |
| ESL College Reading and Writing Pathway | | | | CP |
| Vocational ESL: Retail | | | | CL |
| Environmental Science | | | | |
| Environmental Science | AS | | | |
| Environmental Studies | | | | |
| Environmental Studies | AA | | | |
| Film Studies | | | | |
| Film Studies | AA | | CA | |
| Fire Service Technology | | | | |
| Company Officer* | | | CA | |
| Fire Academy - Fire Suppression* | | | CA | |
| Fire Officer Leadership and Management | AS | | | |
| Fire Prevention* | | | CA | |
| Fire Service Technology* | AS | | CA | |
| Geography | | | | |
| Geography | | AA-T | | |
| Geology | | | | |
| Geology | | AS-T | CA | |
| Geology Major | | | CA | |
| Global Studies | | | | |
| Global Studies | | AA-T | | |
| Graphic Design & Digital Media | | | | |
| Digital Illustration* | | | CA | |
| Graphic Design* | AA | | CA | |
| Print Design* | | | CA | |
| Web & Interaction Design* | | | CA | |
| Health | | | | |
| Public Health Science | | AS-T | | |
| History | | | | |
| History | | AA-T | | |
| Horticulture | | | | |
| Horticulture* | AS | | | CL |
| Landscape Design* | | | CA | |
| Landscape Maintenance and Construction* | | | CA | |
| Nursery, Greenhouse, and Grower Operations* | | | CA | |
| Ornamental Horticulture* | | | CA | |
| Humanities | | | | |
| Humanities | AA | | CA | |
| Interior Design | | | | |
| Interior Design* | AS | | CA | |
| Journalism and Media Studies | | | | |
| Journalism* | | AA-T | CA | |
| Journalism and Media Studies* | AA | | | |
| Kinesiology | | | | |
| Athletic Training/Sports Medicine* | | | CA | |
| Fitness Trainer* | | | CA | |
| Kinesiology | | AA-T | | |
| Lesbian, Gay, Bisexual, Transgender, and Queer Studies | | | | |
| Social Justice Studies: LGBTQ Studies | | AA-T | | |
| Liberal Arts and Sciences | | | | |
| Arts and Humanities | AA | | | |
| Business | AA | | | |
| Computer Studies | AA | | | |
| Language Arts and Communication | AA | | | |
| Mathematics and Science | AA | | | |

| | | | | |
|---|----|------|----|----|
| Social and Behavioral Sciences | AA | | | |
| Library Studies | | | | |
| Basic Research Skills | | | | CL |
| Marketing | | | | |
| Marketing* | AA | | | |
| Retailing* | | | CA | |
| Mathematics | | | | |
| College Mathematics Pathway | | | | CP |
| College Mathematics Support | | | | CP |
| Foundational Mathematics Pathway | | | | CP |
| Math Jam Tutor Pathway | | | | CL |
| Mathematics | | AS-T | | |
| Music | | | | |
| 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 | | |
| Nutrition | | | | |
| Nutrition and Dietetics | | AS-T | | |
| Occupational Safety and Health | | | | |
| Occupational Safety and Health* | AS | | CA | |
| Occupational Safety* | | | CA | |
| Philosophy | | | | |
| Philosophy | | AA-T | | |
| Photography | | | | |
| Photography* | AA | | CA | |
| Physics | | | | |
| Physics | AS | | | |
| Political Science | | | | |
| Political Science | | AA-T | | |
| Psychology | | | | |
| Psychology | | AA-T | | |
| Psychology-Counseling | | | | |
| Social Work and Human Services* | | AA-T | | |
| Sociology | | | | |
| Sociology | | AA-T | | |
| Spanish | | | | |
| Spanish | | AA-T | CA | |
| Theater Arts | | | | |
| Acting* | | | CA | |
| Actors Conservatory* | | | CA | |
| Musical Theater | | | CA | |
| Technical Theater* | | | CA | |
| Theater Arts | AA | AA-T | | |
| University Transfer | | | | |
| CSU General Education Breadth | | | CA | |
| IGETC (Intersegmental General Education Curriculum) | | | CA | |
| Viticulture & Winery Technology | | | | |
| Enology* | AS | | CA | |
| Viticulture* | AS | | CA | |
| Wine Hospitality* | | | CA | |
| Welding Technology | | | | |
| Welding Technology* | AS | | CA | |
| Women's Studies | | | | |
| Social Justice Studies: Women and Gender Studies | | AA-T | | |



LAS POSITAS
COLLEGE

When your busy schedule
requires an education that is

Flexible,
stay on track with
HyFlex!

In Fall 2022, Las Positas College will begin offering 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



Summer 2022 Course Listings

Las Positas College will offer classes online, on-campus, and in hybrid or Hyflex modalities during Summer 2022. To protect the health and safety of our community, students enrolling in classes hosted on-campus or partially on-campus will need to provide verification that they are fully vaccinated against COVID-19 before registering for in-person classes. Masking requirements will follow current county guidelines. Please visit https://bw11.clpccd.cc.ca.us/clpccd/2022/01/sched_1.htm to view the current class schedule, directions for providing vaccination verification, and student learning support resources, both virtual and on-campus.

SUMMER 2022 SESSION DATES

| | |
|-------------------------|-------------------|
| 1st 5-week session..... | May 31 - June 30 |
| 8-week session | June 13 - Aug 4 |
| 6-week session | June 20 - July 28 |
| 2nd 5-week session..... | July 5 - Aug 4 |

Scan here to visit the
current Summer 2022
class schedule online



SUMMER 2022 Course Listings

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

SECTION NUMBERS

- DO_** = On-Campus Day Course
EO_ = On-Campus Evening Course
AO_ = Asynchronous (online only)
SO_ = Synchronous (online only)
BO_ = Both - (combination of Synchronous -and- Asynchronous Online)
HO_ = Hybrid - (Asynchronous -or- Synchronous Online, with Face-to-Face Components)
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 111 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 and The ZONE.

SUMMER SESSION DATES

- 1st 5-week session May 31 - June 30
8-week session June 13 - August 4
6-week session June 20 - July 28
2nd 5-week session July 5 - August 4

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 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. The course may include a lab component.
Strongly Recommended: 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.
Strongly recommended: Eligibility for ENG 1A.

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.
Strongly Recommended: Eligibility for ENG 1A

ARHS 5 WESTERN ART HIST- RENAISSANCE 3.0 Units
History of Western art from Early Renaissance, High Renaissance, Mannerism, Baroque, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, 20th Century developments of American art.
Strongly Recommended: Eligibility for ENG 1A

ASTRONOMY

ASTR 20 INTRO TO ASTR STARS & UNIVERSE 3.0 Units
Introduction to study of stars, galaxies, and cosmology. Includes the nature of light and matter, telescopes, spectroscopy, stellar formation and evolution, galaxies, quasars, and cosmology. Designed for non-majors in mathematics or a physical science. A companion science lab, Astronomy 30, is also available.

ASTR 30 INTRO TO ASTRONOMY LAB 1.0 Units
Introduction to laboratory principles and techniques in astronomy. Includes telescope operation and measuring stellar magnitudes, spectral lines, motions of the sun, moon and planets.
Prerequisite: ASTR 1 or ASTR 10 or ASTR 20

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 ZOO 1.)
Prerequisite: Math 55 or 55B with a minimum grade of C or an appropriate skill level demonstrated through the mathematics assessment process
Strongly Recommended: BIO 30 with a minimum grade of C

BIO 7A HUMAN ANATOMY 5.0 Units
Structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health related majors.
Prerequisite: BIO 30 with a minimum grade of C
Strongly Recommended: Eligibility for ENG 1A

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.)

Scan here to visit the current Summer 2022 class schedule online



as well as some molecular and immunological techniques, such as PCR and ELISA. Laboratory work also includes identification of unknowns, and/or independent research projects.

Prerequisite: BIO 30, CHEM 30A or CHEM 1A with a minimum grade of C
Strongly Recommended: BIO 7A with a minimum grade of C ENG 1A with a minimum grade of C

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. (Note: Formerly BIOL 31.)

Strongly Recommended: MATH 110 or MATH 110B and Eligibility for ENG 1A

BIO 40 HUMANS AND THE ENVIRONMENT 3.0 Units

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

Strongly Recommended: Eligibility for ENG 1A

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. (Formerly Principles of Accounting 1A).

BUSN 18 BUSINESS LAW 4.0 Units

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

Strongly Recommended: BUSN 40 and ENG 1A with a minimum grade of C

BUSN 40 INTRODUCTION TO BUSINESS 3.0 Units

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

Strongly Recommended: ENG 1A

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.

Strongly Recommended: BUSN 1A or BUSN 51 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: 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.

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

LPC Prerequisite: MATH 110 or MATH 110B with a minimum grade of C

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.

Strongly Recommended: 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.

Strongly Recommended: 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 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.

ECE 80F PRESCHOOL FOUNDATIONS: MATH 1.0 Units

Introduction to the mathematics domain of the California Preschool Learning Foundations and Frameworks including the strands of number sense, algebra and functions, measurement, geometry, and mathematical reasoning. Provides 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.

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

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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).

Strongly Recommended: 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

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-

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 -- OR --> E
    
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LANGUAGE AND RATIONALITY

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

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.

Strongly Recommended: 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.

Strongly Recommended: 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. Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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 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.



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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.

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.

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 1 WESTERN CIVILIZATION TO 1600 3.0 Units

Origin and development of civilization in the Mediterranean and its expansion into Europe - the Near East, Greece, Rome and the Middle Ages, Renaissance and the Reformation.

HIST 2 WESTERN CIVILIZATION SINCE 1600 3.0 Units

History of the Modern Western World: Romanticism and the Industrial Revolution to the present.

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 57 LANDSCAPE AND TURFGRASS MGMT 2.0 Units

Principles and practices of landscape and turfgrass management as practiced by horticultural professionals, landscape contractors, and grounds keepers will be covered, including preparation, installation, maintenance, renovation, irrigation, fertilization, pruning, and pest control of landscape developments for residential, commercial, public grounds, golf courses, and gardens.

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, 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 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.

Strongly Recommended: Eligibility for ENG 1A/1AEX

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.

Strongly Recommended: Eligibility for ENG 1A/1AEX

KINESIOLOGY - ACTIVITY COURSES -

KIN BK1 BASKETBALL 1 1.0 Units

This multi-level course is designed to provide the student with an opportunity to development the basic skills and understanding of basketball. Skills such as dribbling, passing, shooting, defensive and offensive strategies will be presented and practiced. Team play and sportsmanship are important priorities that are emphasized in this class.

KIN BK2 BASKETBALL 2 1.0 Units

This course is designed to provide the student with an opportunity to develop the skills and understanding of passing, shooting, defensive and offensive strategies will be presented and practiced. Team play and sportsmanship are important priorities that are emphasized in this class.

Strongly Recommended: KIN BK1 with a minimum grade of C

KIN BL1 BOWLING 1 1.0 Units

This course is designed to give the student the opportunity to learn the basic skills, terminology, and etiquette of bowling and be able to participate in a league-type bowling program using off-campus bowling centers.

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. The class will be conducted at an off-campus bowling establishment. Facility use fee required, to be paid throughout the semester at the facility.

Strongly Recommended: KIN BL1 with a minimum grade of C

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.

Strongly Recommended: KIN BL2 with a minimum grade of C

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.

Strongly Recommended: KIN BL3 with a minimum grade of C

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.

Strongly Recommended: KIN FJW1 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.

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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.
Strongly Recommended: 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 is offered at a local driving range who will charge a minimal fee for practice balls.

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.

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.

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.

KIN SWF1 SWIMMING FOR FITNESS 1 1.0 Units
 This course is designed to introduce students to conditioning for swimming. This is a broad level course that will utilize a variety of strokes to increase cardiovascular fitness, as well as introduce the students to different training methodologies.
Strongly recommended: KIN SW2.

KIN SWF2 SWIMMING FOR FITNESS 2 1.0 Units
 This is an intermediate level swim fitness course with an emphasis in sprint training. This course will teach the student about the different aspects of sprint training as they relate to different distances (50 and 100 yards/meters). Instruction will

also include sprint training for each of the competitive strokes (backstroke, breaststroke, and butterfly).
Strongly Recommended: KIN SWF1, KIN SW3

KIN SWF3 SWIMMING FOR FITNESS 3 1.0 Units
 This is an intermediate level swim fitness course with an emphasis in middle distance training. This course will teach the student about the different aspects of middle-distance training for freestyle as they relate to specific race distances: 200, 400, and 500. Instruction will also focus on the 200 & 400 Individual Medley and the 200's of the strokes (backstroke, breaststroke, and butterfly).
Strongly Recommended: KIN SWF1 and KIN SW3

KIN SWF4 SWIMMING FOR FITNESS 4 1.0 Units
 This is an intermediate level swim fitness course with an emphasis in distance training. This course will teach the student about the different aspects of distance training for freestyle as they relate to specific race distances: 800/1500 meters and 1000/1650 yards. Instruction will also include an introduction to open water swimming techniques and strategies.
Strongly Recommended: KIN SWF1 and KIN SW3

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.
Strongly Recommended: KIN WT1 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.
Strongly Recommended: KIN YO1 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.

Strongly Recommended: 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.

Strongly Recommended: KIN FJW3 with a minimum grade of C

**KINESIOLOGY
- INTERCOLLEGIATE ATHLETICS -**

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.

KIN 40A PRE-SEASON WOMENS VOLLEYBALL 1.0 Units

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

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.

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.

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.

Strongly Recommended: KIN WP1 and KIN SW2 with a minimum grade of C

**KINESIOLOGY
- THEORY COURSES -**

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.

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.

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.

Strongly Recommended: ENG 1A with a minimum grade of C

MATH

- **Math Emporium Classes** pg. 28
- **Lecture Classes** pg. 29
- **All Concurrent Support** pg. 30
- **NonCredit (Tuition-Free) Math Classes and Concurrent Supports** pg. 31
- **Math Pathways Flowchart** 88, 89

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MATH EMPORIUM

The Math Emporium is a mode in which students have the ability to complete their foundational math courses, associate level math courses, and Technical Math sequence 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 learn study skills and tips along with the math while working on their lab assignments. Students will decide when they are ready to take a test and take the length of time they need when testing (within the hours of operation).

Students registering for a Math Emporium course are required to purchase and use the internet based software MyMathLab, which contains an online version of the textbook.

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

MATH 53B TECH. INTER. ALGEBRA - WELDING B 1.0 Units

This course provides a survey of algebraic processes with an emphasis on applications in welding. Topics covered include, but are not limited to: quadratic equations, functions, and mathematical models. This course may not be used as a prerequisite for any transfer level course.

Prerequisite: MATH 72D and MATH 53A with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <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: MATH 55 or MATH 55B or NMAT 255 with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

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 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 55 INTERMEDIATE ALGEBRA FOR BSTEM 5.0 Units

Intermediate algebra concepts, in the service of Business, Science, Technology, Engineering and Math (BSTEM) will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout.

Strongly Recommended: MATH 110 or MATH 110B or NMAT 210 with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

A TI-84 or TI-83 calculator may be required for some sections of 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: Math 50 or Math 55 or Math 55B with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

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 72A TECH ELEMENTARY ALGEBRA A 1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: computations with real numbers, ratios, and proportions. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra.

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

MATH 72B TECH. ELEMENTARY ALGEBRA B 1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: linear equations, the rectangular coordinate system, and linear equations in two variables. This course cannot be used as a prerequisite for Math 50 Intermediate Algebra.

Prerequisite: MATH 72A with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

MATH 53A TECH. INTER. ALGEBRA - WELDING A 2.0 Units

This course provides a survey of algebraic processes with an emphasis on applications in welding. Topics covered include, but are not limited to: algebraic expressions, plane geometry, the geometry of solids, and triangle trigonometry. This course may not be used as a prerequisite for any transfer level course.

Prerequisite: MATH 72C or MATH 72D with a minimum grade of C

Some sections of this course are taught in the Math Emporium.

MATH 72C TECH. ELEMENTARY ALGEBRA C 1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but

are not limited to: percentages and measurement. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra.

Prerequisite: MATH 72A or MATH 72B with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

MATH 72D TECH. ELEMENTARY ALGEBRA D 1.0 Units

This course provides a survey of computational and elementary algebraic processes with an emphasis on applications in the automotive and welding trades. Topics covered include, but are not limited to: the rectangular coordinate system, linear equations in two variables, and systems of linear equations. This course cannot be used as a prerequisite for Math 50 Core Intermediate Algebra or Math 55 Intermediate Algebra.

Prerequisite: MATH 72B and MATH 72C with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

MATH 107 PRE-ALGEBRA 4.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of arithmetic, operations involving signed integers, fractions and decimals, variables and variable expressions, simple linear equations and their graphs, percent and proportion, introduction to statistics, geometry and measurement, and application problems.

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

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

MATH 110 ELEMENTARY ALGEBRA 4.0 Units

Elementary algebra concepts, including: real numbers and their properties; algebraic expressions; integer exponents; operations with polynomial expressions; operations with polynomial expressions; linear and quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and modeling with linear and quadratic equations.

Strongly Recommended: MATH 107 or MATH 107B or NMAT 207 with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

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

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

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of a course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

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

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

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

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 34 CALC FOR BUS AND SOC SCIENCES 5.0 Units

Functions and their graphs; limits of functions; differential and integral calculus of algebraic, exponential and logarithmic functions. Applications in business, economics, and social sciences and use of graphing calculators. Partial derivatives and the method of Lagrange multipliers.

Prerequisite: MATH 55 or MATH 55B with a minimum grade of C

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. 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

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functions and their inverses, trigonometric equations, trigonometric expressions and identities, including proofs, an introduction to vectors, polar coordinates and complex numbers. Applications include solving right triangles and solving triangles using the law of sines and the law of cosines.

Prerequisite: MATH 55 or MATH 55B with a minimum grade of C.

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 47 MATHEMATICS FOR LIBERAL ARTS 3.0 Units

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

Prerequisite: MATH 55 or MATH 55B or MATH 50 with a minimum grade of C

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.

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.

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 CLASS IS A STRONGLY RECOMMENDED SUPPORT COURSE for students currently enrolled in Math 33, Math 40 or Math 47. This 1-unit lab 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).

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 A STRONGLY RECOMMENDED SUPPORT COURSE

for students currently enrolled in Math 30, Math 34 or Math 39. This 1-unit lab 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).

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 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 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 25 TEACHING BEGINNING PIANO 2.0 Units

Principles of successful piano teaching with emphasis upon development of technique and reading ability in beginner level students; private and group piano teaching methods; personal development as teacher and musician. Observation of piano lessons or classes and supervised practice teaching of private or class piano students may be required. Intended for pianists with intermediate or advanced skills.

Strongly Recommended: MUS 21B

Students will need access to a piano or keyboard for this class.

Those who do not have access to an off-campus piano or keyboard may talk with the instructor about reserving a practice room on campus.

MUS 27 TEACHING INTERMEDIATE PIANO 2.0 Units

Principles of successful piano teaching with emphasis upon continued development of technique and reading ability in intermediate level students; private and group piano teaching methods; selection of intermediate literature; Baroque, Classical, Romantic and 20th Century styles: studio organization and personal development as teacher and musician. Observation of piano lessons or classes and supervised practice teaching of private or class piano students may be required.

Strongly recommended: Music 21B.

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.

MUS 44 CONCERT CHOIR 1.0 Units

This course offers an opportunity for students to study, interpret, and perform vocal ensemble music in a variety of styles. Emphasis is placed on building ensemble singing experience and techniques towards a successful audition into higher-level ensembles. Designed for students of all backgrounds and experience levels.

Concurrent enrollment in MUS 6 (Basic Music Skills) is highly recommended.

Open to all students, audition not required.

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 CLASS IS A STRONGLY RECOMMENDED SUPPORT COURSE

for students currently enrolled in Math 33, Math 40 or Math 47. This 1-unit lab 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).

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 CLASS IS A STRONGLY RECOMMENDED SUPPORT COURSE

for students currently enrolled in Math 30, Math 34 or Math 39. This 1-unit lab 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).

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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 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 during certain hours.

*Hours of help can be found at the department website:
www.laspositascollege.edu/ilc*

NMAT 207 PRE-ALGEBRA 0.0 Units

This course is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of arithmetic, operations involving signed integers, fractions, and decimals, variables and proportion, introduction to statistics, geometry and measurement, and application problems. Students can petition to get credit for the credit Math 107 course by examination.

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

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

NMAT 210 ELEMENTARY ALGEBRA 0.0 Units

Elementary algebra concepts, including: real numbers and their properties; algebraic expressions; integer exponents; operations with polynomial expressions; linear and quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and modeling with linear and quadratic equations. Students can petition to get credit for the Math 110 Elementary Algebra course by examination.

Strongly Recommended: NMAT 207 or MATH 107 or MATH 107B with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

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

NMAT 255 INTERMEDIATE ALGEBRA FOR BSTEM 0.0 Units

Intermediate Algebra concepts, in the service of Business, Science, Technology, Engineering and Math fields (BSTEM), will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. Students can petition to get credit for the Math 55 Intermediate Algebra for BSTEM course by examination.

Strongly Recommended: NMAT 210 or MATH 110 or MATH 110B with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

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

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: MATH 110 or NMAT 210 with a minimum grade of C

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

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: Eligibility for ENG 1A

PHOTOGRAPHY

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.

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

POLITICAL SCIENCE

POLI 7 INTRO TO AMERICAN GOVERNMENT 4.0 Units

Introduction to the principles, problems and basic issues of government with particular emphasis on the national government in the United States, including discussion of the American Constitution, and California state and local government.

Strongly Recommended: Eligibility for ENG 1A

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.

PSYCHOLOGY

PSYC 1 GENERAL PSYCHOLOGY 3.0 Units

Introduces students to the scientific study of behavior and mental processes. Provides an overview of major psychological concepts and theories in such areas as consciousness, learning, memory, motivation, perception, personality, stress, and social behavior.

Strongly Recommended: Eligibility for 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.

Strongly Recommended: 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.

Scan here to visit the current Summer 2022 class schedule online



RELIGIOUS STUDIES

RELS 1 RELIGIONS OF THE WORLD 3.0 Units
Introduction to religion by examining several religions; basic principles of each shown by fundamental scriptures and works in the visual and musical arts.

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.
Strongly Recommended: 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.
Strongly Recommended: 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.
Strongly Recommended: MATH 107 and THEA 50 with a minimum grade of C

This class supports the summer production, performing July 28-31st (evenings). Tech week July 25-27.

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
Strongly Recommended: MATH 107 with a minimum grade of C
This class supports the summer production, performing July 28-31st (evenings). Tech week July 25-27.

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

Strongly Recommended: MATH 107 or MATH 107B with a minimum grade of C

This class supports the summer production, performing July 28-31st (evenings). Tech week July 25-27.

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

This class supports the summer production, performing July 28-31st (evenings). Tech week July 25-27.

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 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 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.
Audition 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.
Audition 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.
Audition details can be found at:
<http://laspositascollege.edu/theater/auditions.php>

VITICULTURE AND WINERY TECH

VWT 33 SUMMER VITICULTURE OPERATIONS 1.0 Units

This course covers vineyard practices for the summer session. The class will manage the Las Positas College Campus Hill vineyard, with an emphasis on the practical applications of viticulture theory including vine training, canopy management, assessment of insect and disease problems specific to the appellation, irrigation applications relating to soil and leaf moisture and crop estimation.

Strongly Recommended: VWT 10 with a minimum grade of C

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.

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.

WRKX courses require internet access. Students must already have employment or unpaid work and must work a minimum of 75 paid hours or 60 unpaid hours per term. WRKX units earned are based on hours worked during the course. To enroll in the correct section,

you need to determine the number of units you will earn during the term. Units are based on the number of hours worked per term. To determine your units, please refer to the Units/Hours/Section Chart at <http://www.laspositascollege.edu/workexperience/faq.php>. Students are required to attend one synchronous orientation, which will be announced in the course on Canvas.

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.

WRKX courses require internet access. Students must already have employment or unpaid work and must work a minimum of 75 paid hours or 60 unpaid hours per term. WRKX units earned are based on hours worked during the course. To enroll in the correct section, you need to determine the number of units you will earn during the term. Units are based on the number of hours worked per term. To determine your units, please refer to the Units/Hours/Section Chart at <http://www.laspositascollege.edu/workexperience/faq.php>. Students are required to attend one synchronous orientation, which will be announced in the course on Canvas.

Scan here to visit the current Summer 2022 class schedule online



Fall 2022 Course Listings

Las Positas College will offer classes online, on-campus, and in hybrid or Hyflex modalities during Fall 2022. To protect the health and safety of our community, students enrolling in classes hosted on-campus or partially on-campus will need to provide verification that they are fully vaccinated against COVID-19 before registering for in-person classes. Masking requirements will follow current county guidelines. Please visit https://bw11.clpccd.cc.ca.us/clpccd/2022/02/sched_1.htm to view the current class schedule, directions for providing vaccination verification, and student learning support resources, both virtual and on-campus.

FULL TERM Courses:Aug 17 - Dec 20
 LATE START Courses: Sept 6 - Dec 9
 FAST TRACK 1 (*1st 8 weeks*):Aug 17 - Oct 7
 FAST TRACK 2 (*2nd 8 weeks*): Oct 10 -Dec 9

Scan here to visit the
current Fall 2022
class schedule online



DESCRIPTION OF SECTION TYPES

Description of Section Types:

FULLY ON-CAMPUS DAY & EVENING (“D0”AND “E0”SECTIONS)

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

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 syllabus. Materials are accessed through the learning system Canvas

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 | | | | | | | | |
| <i>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 syllabus. Materials are accessed through the learning system Canvas.</i> | | | | | | | | |

SYNCHRONOUS

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

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

BOTH - (combination of Asynchronous and Synchronous Online)

DESCRIPTION OF SECTION TYPES

This course is taught 100% online with a combination of asynchronous and synchronous instruction, which means that portions of the course will be delivered live at scheduled times through ConferZoom, while other instruction will be available in Canvas during the term. Students do not need to come to campus unless they are required to pick up materials.

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 | | | | | | | | |
| <p><i>Class will meet live (synchronously) online via ConferZoom at the time listed. Other content will be delivered online through Canvas (asynchronously).</i></p> | | | | | | | | |

HYBRID - (Asynchronous -or- Synchronous Online, with Face-to-Face 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 learning system Canvas 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* |
| Instructor(s): LE CARA, ANELA L | | | | | | | | |
| <p><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 learning system Canvas at the start of the semester.</i></p> | | | | | | | | |

**On-campus courses will reflect a designated room number for meeting on campus.*

HyFLEX (on-campus -or- optional online)

These courses meet at a scheduled time, but offer options for the student to attend either remotely through ConferZoom -or- in-person at the classroom. See page 16 for more information regarding HyFLEX courses.

FAST TRACK

This is an accelerated 8-week course. Please carefully note the start date of the course. There are two Fast Track sessions – the first 8-weeks of the semester (Fast Track Session 1) and the second 8-weeks of the semester (Fast Track Session 2). Students may plan their schedule to take a smaller number of courses during each session, while still accomplishing the overall desired number of courses within the semester.

FALL 2022 Course Listings

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

SECTION NUMBERS

- DO_** = On-Campus Day Course
- EO_** = On-Campus Evening Course
- AO_** = Asynchronous (online only)
- SO_** = Synchronous (online only)
- BO_** = Both (combination of Synchronous -and- Asynchronous Online)
- HO_** = Hybrid - (Asynchronous -or- Synchronous Online, with Face-to-Face Components)
- 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 111 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 and The ZONE.

FALL 2022 TERM DATES

- Full-Term.....Aug 17 - Dec 20
- Late Start.....Sept 6 - Dec 9
- Fast Track 1..... Aug 17 - Oct 7
- Fast Track 2..... Oct 10 - Dec 9

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 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.

Strongly Recommended: ENG 1A with a minimum grade of C.

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 64 PATROL PROCEDURES 3.0 Units

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

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.

AJ 74 GANGS AND DRUGS 3.0 Units

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

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. The course may include a lab component.

Strongly Recommended: 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)

Strongly Recommended: 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.

Strongly Recommended: 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

Scan here to visit the
current Fall 2022
class schedule online



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

Strongly Recommended: Eligibility for ENG 1A.

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

Issues relevant to understanding race, class, gender and ethnicity within the American setting. Historical as well as contemporary situation of the following groups: 1) African Americans; 2) Native Americans; 3) Hispanic Americans; 4) European Americans; and, 5) Asian Americans, among other groups. Emphasis on analyzing the way that public understandings of culture and biology are translated into social policy. Contemporary social issues such as race relations, multiculturalism, affirmative action, bilingual education, and the use and abuse of I.Q. testing.

ANTR 12 MAGIC/RELIGION/WITCHCRAFT/HEAL 3.0 Units

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

Strongly Recommended: Eligibility for ENG 1A/1AEX

ANTR 13 INTRO TO FORENSIC ANTHROPOLOGY 3.0 Units

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

Strongly Recommended: Eligibility for ENG 1A

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.

Strongly Recommended: Eligibility for ENG 1A

Students may take Art History courses in any order.

ARHS 3 ARTS OF AFRICA, OCEANIA, AND 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.

Strongly Recommended: Eligibility for ENG 1A

ARHS 4 WESTERN ART HISTORY- ANCIENT 3.0 Units

History of Western art from prehistoric times through Egyptian, Mesopotamian, Aegean, Greek, Etruscan, Roman, Early Christian, Byzantine, Medieval, Romanesque, and Gothic civilizations.

Strongly Recommended: Eligibility for ENG 1A

Students may take Art History courses in any order.

ARHS 5 WESTERN ART HIST - RENAISSANCE 3.0 Units

History of Western art from Early Renaissance, High Renaissance, Mannerism, Baroque, Neoclassicism, Romanticism, Realism, Impressionism, Post-Impressionism, 20th Century developments of American art.

Strongly Recommended: Eligibility for ENG 1A

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.

Strongly Recommended: ENG 1A with a minimum grade of C

Students may take Art History courses in any order.

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.

Estimated cost of supplies \$100

ARTS 7A INTRO TO WATERCOLOR PAINTING 3.0 Units

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

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

ARTS 7B WATERCOLOR PAINTING 3.0 Units

Development of knowledge and skills introduced in Arts 7A with an emphasis on experimenting with the watercolor medium, perceptual skills and color theory, paint mixing

and technique, as well as creative responses to materials and subject matter.

Prerequisite: ARTS 7A with a minimum grade of C

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

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

Strongly Recommended: 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

Strongly Recommended: 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.

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

Estimated cost of supplies \$200-\$300

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

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

Prerequisite: ARTS 12A with a minimum grade of C

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

Estimated cost of supplies \$200-\$300

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

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

Prerequisite: ARTS 12B with a minimum grade of C

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

Estimated cost of supplies \$200-\$300

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

Advanced projects in oil or acrylic painting with emphasis on developing ideas, skills, and knowledge. Students hone their painting through practice and critique; this course requires self-direction.

Prerequisite: ARTS 12C with a minimum grade of C

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

Estimated cost of supplies \$200-\$300

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 10 or ASTR 20 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: STARS AND THE UNIVERSE 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.

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AUTOMOTIVE TECHNOLOGY

AUTO A5 BRAKES 4.0 Units

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

Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently)

Students are strongly recommended to enroll in Automotive Lab concurrently.

AUTO A6 ELECTRICAL/ ELECTRONIC SYSTEMS 5.0 Units

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

Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently)

Students are strongly recommended to enroll in Automotive Lab concurrently.

AUTO A7 AUTO HEATING-AIR CONDITIONING 4.0 Units

Diagnosing, evaluation, testing, adjustment, and repair of heating, ventilation and air conditioning (HVAC). Includes heat and energy, psychometrics, air flow, refrigerant recycling, equipment and controls. Student will be prepared to pass a nationally recognized HAVC certificate program, required by all California HVAC repair shops.

Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently)

Students are strongly recommended 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. 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 (This is the lab section and must be taken at the same time)

AUTO INTZ AUTO SERVICE AND INTRO LECTURE 2.0 Units

This class is lecture only, AUTO INTL 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 (Must take Lecture and Lab together)

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.

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

Class is recommended for second year students only.

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)

AUTO L1L2 SMOG LEVEL ONE AND LEVEL TWO 5.5 Units

This course includes classes/modules the State of California's requires for a student/automotive technician to be prepared to take their Smog License Test. This class will include Level One and Level Two smog training only. At the end of the class students may or may not qualify for either EI or EO smog license.

See www.smogcheck.ca.gov for more information.

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 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.

Prerequisite: AUTO INTR or NAUT INTR and AUTO LABA or NAUT LABA with a minimum grade of C

Class is recommended for second year students only.

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: MATH 55 or 55B or NMAT 255 with a minimum grade of C
Strongly Recommended: 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: Math 55 or 55B with a minimum grade of C, or an appropriate skill level demonstrated through the mathematics assessment process.
Strongly Recommended: BIO 30 with a minimum grade of C

BIO 1C CELL AND MOLECULAR BIOLOGY

5.0 Units

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

BIO 7A HUMAN ANATOMY

5.0 Units

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

BIO 7B HUMAN PHYSIOLOGY

5.0 Units

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

BIO 7C MICROBIOLOGY

5.0 Units

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

of unknowns, and/or independent research projects.

Prerequisite: BIO 30, CHEM 30A, or CHEM 1A with a minimum grade of C
Strongly Recommended: BIO 7A with a minimum grade of C, and ENG 1A with a minimum grade of C

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. (Note: Formerly BIOL 31.)
Strongly Recommended: MATH 110 or MATH 110B, and Eligibility for ENG 1A

BIO 40 HUMANS AND THE ENVIRONMENT

3.0 Units

Introduction to environmental issues from a scientific perspective, focusing on physical, chemical, and biological processes within the Earth system, the interaction between humans and these processes, and the role of science in finding sustainable solutions. Topics include ecological principles, biodiversity, climate change, sustainability, renewable and non-renewable energy, water resources, air and water pollution, and solid waste management.
Strongly Recommended: Eligibility for ENG 1A

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

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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. (Note: Formerly BIOL 5.)

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. (Formerly Principles of Accounting 1A).

BUSN 1B MANAGERIAL ACCOUNTING 4.0 Units

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

Prerequisite: BUSN 1A with a minimum grade of C

Internet access is required for all BUSN 1B sections.

BUSN 18 BUSINESS LAW 4.0 Units

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

Strongly Recommended: BUSN 40 and ENG 1A with a minimum grade of C

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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: ENG 1A

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

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

Strongly Recommended: ENG 1A 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.

Strongly Recommended: Eligibility for ENG 1A

BUSN 58 SMALL BUSINESS MANAGEMENT 3.0 Units

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

Strongly Recommended: BUSN 1A or BUSN 51 with a minimum grade of C

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.

Strongly Recommended: 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.

BUSN 88 HUMAN RESOURCES MANAGEMENT 3.0 Units

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

Strongly Recommended: BUSN 56 with a minimum grade of C

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 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: MATH 110 or NMAT 210 with a minimum grade of C

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: MATH 55 or 55B (completed with a grade of "C" or higher).

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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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: ENG 1A with a minimum grade of C

CMST 48 ACTIVITIES IN FORENSICS 1.0 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.

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

Strongly Recommended: ENG 1A or ENG 1AEX with a minimum grade of C

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: INTRO TO SPREADSHEETS 4.0 Units

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

Strongly Recommended: CIS 50

CIS 55 INTEGRATING OFFICE APPLICATION 4.0 Units

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

Strongly Recommended: CIS 50

CIS 57 DATABASE CONCEPTS 3.0 Units

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

Strongly Recommended: CIS 50 and CIS 55

COMPUTER INFORMATION SYSTEMS

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.

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

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

Strongly Recommended: CIS 50

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.

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

Strongly Recommended: CIS 50 with a minimum grade of C

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.

Strongly Recommended: 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.

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.

Strongly Recommended: 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.)

Strongly Recommended: 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.

Strongly Recommended: CIS 71A with a minimum grade of C, and Eligibility for English 1A



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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.
Strongly Recommended: CIS 8 and CIS 88A with a minimum grade of C

CIS 81B DATABASE ESSENTIALS IN CLOUD 3.0 Units
This course addresses cloud database management which supports a number of different approaches for storing data. In the course, students define, operate and scale both SQL and noSQL data storage solutions. This course considers factors that should be balanced during the design of a storage solution. Principles are SQL to create and fill tables, retrieve and manipulate data. Object-based APIs are used to serialize objects to Amazon DynamoDB for noSQL solutions. Topics include automated backups, transaction logs, restoration and retention.
Strongly Recommended: CIS 81A with a minimum grade of C

CIS 81C COMPUTE ENGINES FOR CLOUD 3.0 Units
In this course, students explore how cloud computing systems are built using a common set of core technologies, algorithms, and design principles centered around distributed systems. Students will use current cloud platforms such as AWS, AZURE to provision, load-balance and scale their applications. The course discusses, from a developer perspective, the most important reasons for using cloud computing and examines the underlying design principles of scalable cloud applications.
Strongly Recommended: CIS 81A with a minimum grade of C

CIS 88A INTRODUCTION TO MICROSOFT WORD 1.5 Units
Develop the skills needed in the workplace to produce common business documents, such as letters, resumes, flyers, and reports. Topics include document creation and editing; use of Microsoft Word features to apply character and paragraph formatting; creating and formatting tables, enhancing visual appeal by incorporating graphics elements, using the mail merge feature, and printing documents.
Strongly Recommended: CIS 71A

CIS 88B ADV MICROSOFT WORD 1.5 Units
Advanced word processing techniques used to produce complex business documents. Includes topics such as format multiple page reports, create tables of contents and indexes, insert footnotes/endnotes, using Word's collaboration features to share documents, create macros to automate tasks, and integrate data from Excel and other programs.
Strongly Recommended: CIS 88A

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. Students who have completed or are enrolled in CIS 43 or CS 43 may not receive credit.
Strongly Recommended: ENG 1A or ENG 1AEX with a minimum grade of C

CNT 51 COMPTIAS A+ CERT. COMP. TECH 4.0 Units
This course provides an introduction to the computer hardware and software skills needed to help meet the industry demand for entry-level PC Technicians. This course covers PC hardware, software, security, networking, laptops, printers, operational procedures, operating systems, security, troubleshooting, and mobile devices. The students will study the topics needed to become certified PC technicians. Preparation for the CompTIA A+ certification, which verifies knowledge equivalent to that of an entry-level ICT (Information and Communications Technology) technician with about 12 months of hands-on experience. The responsibilities of an ICT professional will be introduced.
Strongly Recommended: CIS 50 with a minimum grade of C

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. Students who have completed or are enrolled in CIS 66 may not receive credit.
Strongly Recommended: CIS 50 with a minimum grade of C

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.

Strongly Recommended: 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. Students who have completed or are enrolled in APIS 55 may not receive credit.

Strongly Recommended: CIS 66 or CNT 52 with a minimum grade of C

CNT 69 NETWORK SECURITY; COMPTIA 3.0 Units

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

Strongly Recommended: CNT 51 and CNT 52 with a minimum grade of C

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, firewalling, BASH script development and troubleshooting. Students who have completed or are enrolled in CS 3 may not receive credit.

Strongly Recommended: CNT 7401 with a minimum grade of C

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.

Strongly Recommended: CIS 50 with a minimum grade of C

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.

Strongly Recommended: CNT 8001 with a minimum grade of C

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.

Strongly Recommended: MATH 107 and CS 7 with a minimum grade of C



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CS 2 COMPUTING FUNDAMENTALS II 4.0 Units
 Application of software engineering techniques to the design and development of large programs. Object-oriented programming methods and problem-solving strategies applied to intermediate-level problems using C++. Includes pointers and dynamic allocation; classes; encapsulation; inheritance and polymorphism; object and function overloading; recursive algorithms; data abstraction and structures.
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, firewalling, BASH script development and troubleshooting. Students who have completed or are enrolled in CNT 7402 may not receive credit.
Strongly Recommended: CS 41 with a minimum grade of C

CS 4 INTRO- ARTIFICIAL INTELLIGENCE 3.0 Units
 An introduction to artificial intelligence (AI) and modern AI programming libraries. Basic discrete mathematics. 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 AI.
Prerequisite: CS 7, MATH 40 and CS 1 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. Students who have completed, or are enrolled in, MATH 10 may not receive credit.
Prerequisite: MATH 1 and CS 1 with a minimum grade of C (May be taken concurrently)

CS 20 ADV PROG W/DATA STRUCTURES/C++ 4.0 Units
 Design and implementation of complex programs in C++ using a variety of fundamental data structures and algorithms. Includes the design and implementation recursive functions, of abstract data types, linked lists, stacks, queues, binary trees, hash tables, induction, searching and sorting algorithms, graphs, heaps and algorithm analysis.
Strongly Recommended: CS 2 with a minimum grade of C

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)
Strongly Recommended: CS 1 and CS 7 with a minimum grade of C

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. Students who have completed or are enrolled in Business 43, Computer Networking Technology 43, or Computer Information Systems 43 may not receive credit.
Strongly Recommended: ENG 1A or ENG 1AEX with a minimum grade of C

DANCE

DANC 1 INTRODUCTION TO DANCE 1.0 Units
 Introduction to the dance technique specific to ballet, modern and jazz dance. Similarities and differences found in each dance form will be explored. The history of ballet, modern and jazz dance will be examined.

EARLY CARE AND EDUCATION

ECE 50 EARLY CHILDHOOD PRINCIPLES 3.0 Units
 Historical context and theoretical perspectives of developmentally appropriate practice in early care and education. Examines the role of the early childhood educator, identification of best practices for environmental design, curriculum, and teaching strategies. Explores constructive teacher -child interactions and relationships, the role of the family in education, culture and inclusion, professional ethics, career pathways and professional standards.

ECE 54 CHILD HEALTH, SAFETY & NUTR. 3.0 Units
 This course covers aspects of nutrition, health, and safety that promote and maintain the health and well-being of all

children and adults who work with young children. Topics include health and nutritional guidelines; maintaining safe and healthy learning environments; state regulations, policies, and procedures; common childhood illnesses and infectious diseases; school-family collaboration; and emergency preparedness, first aid, and injury prevention.

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 65 ADMINISTRATION I: PROGRAMS 3.0 Units

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

Prerequisite: ECE 62 and ECE 63 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 69 CHILD STUDY: OBSERVATION 3.0 Units

This course focuses on the use of appropriate methods of assessment to document development, growth, play and learning in early childhood education settings. Students will utilize practical classroom experiences to apply a variety of methods to measure child progress, curriculum requirements, and program effectiveness. Methods include child portfolios, recording strategies, rating systems, and other tools that build on respecting and fostering all children's competence and meeting their individual needs.

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.

Strongly Recommended: ECE 62 with a minimum grade of C

ECE 80E PRESCHOOL FOUNDATIONS: HISTORY 1.0 Units

Introduction to the history and social science domain of the California Preschool Learning Foundations and Frameworks including strands of self and society, civics, history, geography, ecology, and economics. 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.

ECE 80G PRESCHOOL FOUNDATIONS: SCIENCE 1.0 Units

Introduces the science domain of the California Preschool Learning Foundations and Frameworks including the strands of scientific inquiry, physical, life, and earth sciences and 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.

ECE 80H PRESCHOOL FOUND: VISUAL ARTS 1.0 Units

Introduction to the visual arts domain of the California Preschool Learning Foundations and Frameworks including artistic expression and response, and skills using various art mediums. Provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or professional development units for Child Development Permit holders, preschool, transitional kindergarten, and early primary teachers.

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ECE 801 PRESCHOOL FDN: PHYSICAL DEVEL. 1.0 Units
Introduction to the physical development domain of the California Preschool Learning Foundations and Frameworks including strands of fundamental movement skills, perceptual-motor skills and movement concepts, and active physical play. Provides practical strategies for implementing the curriculum frameworks developed for this domain. Applicable to required or Child Development Permit holders, pre-school, transitional kindergarten, and early primary teachers.

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 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: 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 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

EMS 30 EMERGENCY MEDICAL RESPONDER 3.0 Units
Development of knowledge and skills necessary for recognizing and caring for victims in emergency situations, including cardiopulmonary resuscitation, patient assessment, cardiopulmonary resuscitation with the use of an automated external defibrillator, and prevention of disease transmission. Designed for emergency medical responders in the public safety field. Successful completion of the psycho-motor skills tests and successful completion of the course with a score of 80%, and achieving a score on the course summative final at (80%) qualifies the student for an Emergency Medical Responder (EMR) Certificate issued by the Emergency Care and Safety Institute (ECSI).
Strongly Recommended: EMS 70B with a minimum grade of C

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.

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.

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.

ENGINEERING

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.

Strongly Recommended: Eligibility for ENG 1A/1AEX with a minimum grade of C

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.

Strongly Recommended: MATH 39, ENG 1A or ENG 1AEX with a minimum grade of C

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

Strongly Recommended: CS 7 with a minimum grade of C

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 simulation codes such as PSpice.

Prerequisite: PHYS 1A with a minimum grade of C

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

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

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

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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.

Strongly Recommended: ENG 1A 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.

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

ENG 12B CRAFT OF WRITING FICTION: INTERMED 3.0 Units

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

Strongly Recommended: ENG 12A 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

Strongly Recommended: ENG 1A or ENG 1AEX with a minimum grade of C

ENG 20 STUDIES IN SHAKESPEARE 3.0 Units

Readings of the sonnets and representative comedies, histories, tragedies, and romances of William Shakespeare, with attention to the early, middle and late phases of his art and to the Age of Elizabeth.

Prerequisite: ENG 1A with a minimum grade of C

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: ENG 1A (completed with a grade of "C" or higher).

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

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

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 with a minimum grade of Pass or Placement through the ESL assessment process

ESL 25 ADV. READING AND COMPOSITION II 6.0 Units

This is the second semester of a one-year advanced reading and writing course for academic purposes. Emphasis is on critical reading and techniques of exposition, analysis, and argumentation.

Prerequisite: ESL 24 with a minimum grade of C or Placement through the ESL assessment process.

ESL 100 BEGINNING SPELLING FOR ENGLISH 1.0 Units

This is a one semester beginning spelling class, designed to enable English language learners to recognize and use beginning sound/spelling patterns in English, develop an understanding of the sounds and symbols of English, including open/closed syllables, short and long vowel sounds, consonant and consonant cluster sounds, as well as the spelling of homophones and other problem words in everyday English. The course will also focus on basic dictionary skills to improve student autonomy.

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.

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 ESL 121A and ESL 123 or ESL 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, ESL 121B, and ESL 123 or ESL 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, and ESL 121A and ESL 123 or ESL 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, ESL 121B and ESL 123 or ESL 126.

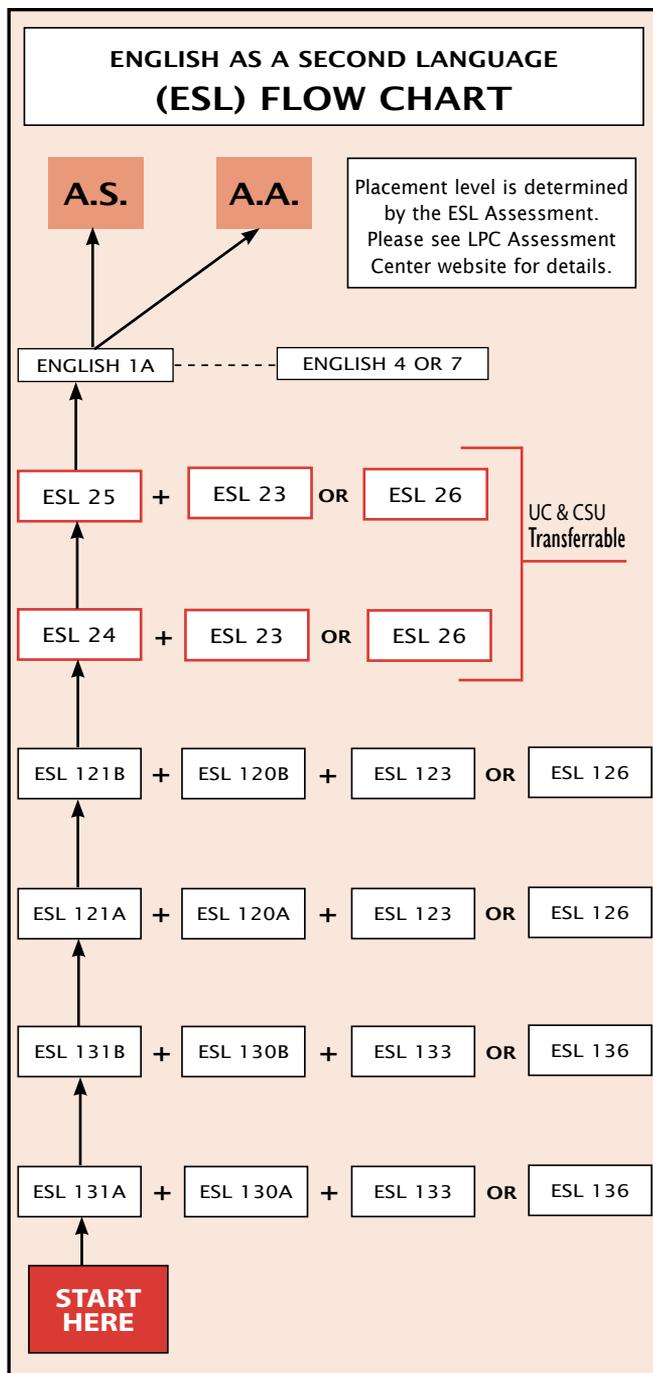
ESL 123 INTERM. ORAL COMMUNICATION 2.0 Units

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.

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ESL 126 INTERMEDIATE PRONUNCIATION AND 2.0 Units
 Focused practice on recognizing and producing individual speech sounds, stress patterns, rhythm and intonation patterns, and grammatical signals through activities such as oral presentations, role play, authentic dialogue, and reading presentations.

Prerequisite: ESL 130B or ESL 131B or ESL 136 with a minimum grade of P or placement through ESL assessment process

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.

Strongly Recommended: Placement through the ESL assessment process
Students are advised to enroll concurrently in ESL 130A, ESL 131A, and ESL 133 or ESL 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, ESL 131B, and ESL 133 or ESL 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.

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

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

Strongly Recommended: placement through the ESL assessment process.

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.

Strongly Recommended: Placement through the ESL assessment process.

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 nonrenewable methods of energy generation, auditing, and conservation.

Strongly Recommended: Eligibility for ENG 1A

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.

Strongly Recommended: 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.

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.

Strongly Recommended: 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 inspecting buildings, preplanning fire operations, and operating at fire and collapse emergencies. Development and evolution of building and fire codes will be studied in their relationship to past fires and collapses in residential, commercial, and industrial occupancies.

Strongly Recommended: FST 1 with a minimum grade of C

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.

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.

Strongly Recommended: Eligibility for ENG 1A

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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 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 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. Students who have completed, or are enrolled in, SOC 5 may not receive credit.

Strongly Recommended: SOC 1 and ENG 1A with a minimum grade of C

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 40 DESIGN SHOP:BUSINESS OF DESIGN 3.0 Units

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

Strongly Recommended: GDDM 52, GDDM 53, GDDM 54, GDDM 55, GDDM 56, GDDM 57 with a minimum grade of C

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.

Strongly Recommended: GDDM 54, 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.

Strongly Recommended: 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- and 3-D digital drawings and illustrations. Emphasis on basic- to intermediate-level techniques and tools used to create image files suitable for print and screen. Design principles emphasized to create effective output through computer-based composition.

Strongly Recommended: GDDM 50 with a minimum grade of C

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, 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.

Strongly Recommended: 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.

GDDM 57 BRANDING AND IDENTITY DESIGN 3.0 Units

Students in this course will learn the process of brand development and implementation. From research and analysis through launch and governance, the course covers all aspects of the process and the best practices that build better brands.

Prerequisite: VCOM 56 and GDDM 53 or GDDM 54 with a minimum grade of C

GDDM 58 PHOTOSHOP II 3.0 Units

Technical and design skill development course using Photoshop to create and manipulate images, illustrations, text and animations. Emphasis on intermediate-through advanced-level techniques and tools used to create photo- realistic composites, special effects, custom brushes, and Photoshop rendered imagery for print and screen.

Prerequisite: GDDM 53 with a minimum grade of C Strongly Recommended: GDDM 50

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.

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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.

Strongly Recommended: Eligibility for ENG 1A

HISTORY

HIST 1 WESTERN CIVILIZATION TO 1600 3.0 Units
 Origin and development of civilization in the Mediterranean and its expansion into Europe - the Near East, Greece, Rome and the Middle Ages, Renaissance and the Reformation.

HIST 2 WESTERN CIVILIZATION SINCE 1600 3.0 Units
 History of the Modern Western World: Romanticism and the Industrial Revolution to the present.

HIST 3 WORLD HISTORY TO 1500 3.0 Units
 Survey of the experience of all peoples with vastly different cultures inhabiting a single globe. Emphasizes the emergence of human communities, formation of complex societies, development of major belief systems and interaction with the environment based on experience, knowledge, and technology to c. 1500.

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 28 HISTORY OF AMERICAN WEST 3.0 Units
 A history of the trans-Mississippi West of the United States. Emphasis will be placed on Native American history and cultures, European and Anglo-American frontiers, expansion of the United States in the 19th century, and the interaction of Native American, European American, Asian American, African American and Hispanic American peoples, and the significance of the West in American history.

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 58 LANDSCAPE CONSTRUCTION 3.0 Units
 Design, engineering, construction techniques, and installation methods for landscape site development. Cost estimating, bidding, construction materials, methods, equipment, tools, and safety for landscape plan implementation. Contracts, specifications, and legal aspects regarding landscape installation and site development.

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.

Students can take Humanities courses in any order.

HUMN 3 INTRODUCTION TO HUMANITIES 3.0 Units

Dramatic literature, the theater including filmic art, an introduction to the experience and appreciation of works of musical and visual art and lyric poetry.

Students can take Humanities courses in any order.

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.

Students can take Humanities courses in any order.

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.

Students can take Humanities courses in any order.

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.

Students can take Humanities courses in any order.

INTERIOR DESIGN

INTD 15 DRAFTING FOR INTERIOR DESIGN 3.0 Units

Provides a working knowledge of tools and techniques for interior architectural drafting. emphasis on lettering, dimensioning floor plans, elevation and sections. Also, covers

procedures for developing finished presentational drawings and boards.

INTD 25 MATERIALS AND RESOURCES 3.0 Units

Survey of residential and commercial interior furnishings with attention to product knowledge of furniture, textiles, ceramics, glass, metals, plastics and composite materials. Skills needed to perform related activities.

INTD 47 PROFESSIONAL PRACTICES 3.0 Units

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

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.

Strongly Recommended: Eligibility for ENG 1A/1AEX

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.

Strongly Recommended: 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.

Strongly Recommended: Eligibility for ENG 1A/1AEX

JAMS 12 INTRO TO PHOTOJOURNALISM 3.0 Units

This course deals with the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Covered are news and feature photography and photographic essays, including composition, impact, and creativity, for newspapers, magazines, the Internet, and other mass communications media. Understanding and applying photojournalistic and basic technical and visual skills in the making of successful reportage photographs. Consideration of the work of major 20th and 21st century photojournalists. Students who have completed, or are enrolled in, PHTO 72 may not receive credit.

Strongly Recommended: PHTO 50 and/or PHTO 56 and/or GDDM 53 with a minimum grade of C

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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.
Strongly Recommended: 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
Strongly Recommended: 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 infographic, 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.
Strongly Recommended: 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.
Strongly Recommended: 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
Strongly Recommended: 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.
Strongly Recommended: 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.
Strongly Recommended: 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 using off-campus bowling centers.
This Bowling class meets at Earl Anthony's Dublin Bowl, 6750 Regional St, Dublin, CA 94568. The fee for this class is \$150 for the entire semester, and this includes 3 games per week and bowling shoe rental.

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. The class will be conducted at an off-campus bowling establishment. Facility use fee required. To be paid throughout the semester at the facility.

Strongly Recommended: KIN BL1 with a minimum grade of C

This Bowling class meets at Earl Anthony's Dublin Bowl, 6750 Regional St, Dublin, CA 94568. The fee for this class is \$150 for the entire semester, and this includes 3 games per week and bowling shoe rental.

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.

Strongly Recommended: KIN BL2 with a minimum grade of C

This Bowling class meets at Earl Anthony's Dublin Bowl, 6750 Regional St, Dublin, CA 94568. The fee for this class is \$150 for the entire semester, and this includes 3 games per week and bowling shoe rental.

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.

Strongly Recommended: KIN BL3 with a minimum grade of C

This Bowling class meets at Earl Anthony's Dublin Bowl, 6750 Regional St, Dublin, CA 94568. The fee for this class is \$150 for the entire semester, and this includes 3 games per week and bowling shoe rental.

KIN CYCL1 CYCLING 1 1.0 Units

This course is an introduction to Physical Fitness through indoor cycling. The cycling program is an individually paced, noncompetitive, group training program designed for all riders and all fitness levels. Cycling is an exercise performed on a stationary bicycle and is performed to music. The course is open to anyone who is interested in developing muscular endurance, improved cardio-respiratory endurance and body composition.

KIN CYCL2 CYCLING 2 1.0 Units

This course is the second in a series of Indoor Cycling courses. Emphasis is based on beginning to intermediate cycling techniques, heart rate calculations, fitness evaluations, and cardiovascular training and program design. Beginning level principles of physiology are explored including how to train to elicit a desired physiological response. Utilizing a variety of equipment student will develop core endurance and strength. This class is designed for students interested in aerobic fitness improvement through indoor cycling as well as Kinesiology majors.

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.

Strongly Recommended: KIN FJW1 with a minimum grade of C

KIN FL1 FLAG FOOTBALL 1 1.0 Units

This is an introductory course designed to give the student an opportunity to review and practice the basic fundamental skills relative to the game of flag football.

KIN FL2 FLAG FOOTBALL 2 1.0 Units

This is an intermediate course designed to teach students the principles of short-field flag football. Instruction will include: rules, regulations, and concepts of play for 4-on-4 and 5-on-5 flag football.

Strongly Recommended: KIN FL1 with a minimum grade of C

KIN FL3 FLAG FOOTBALL 3 1.0 Units

This course is a continuation course for Flag Football 2. Review of the rules and regulations will be included. This level course will provide instruction on more complex offensive tactics, defensive strategies and concepts of play for 7 and 8 on 8 flag football. Students will receive instruction on the principles of long-field flag football.

Strongly Recommended: KIN FL1 and KIN FL2 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.

Strongly Recommended: 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 is offered at a local driving range who will charge a minimal fee for practice balls.

The Golf class meets at Las Positas Golf Course, 917 Clubhouse Dr, Livermore, CA 94551 and there is a fee of \$7 per class for a bucket of driving range golf balls. However, if students wish to share a bucket, thus halving this fee, it is perfectly feasible.

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,

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short game, mid-long iron play and driving capabilities. The course is offered at a local driving range who will charge a minimal fee for practice balls.

The Golf class meets at Las Positas Golf Course, 917 Clubhouse Dr, Livermore, CA 94551 and there is a fee of \$7 per class for a bucket of driving range golf balls. However, if students wish to share a bucket, thus halving this fee, it is perfectly feasible.

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 Golf class meets at Las Positas Golf Course, 917 Clubhouse Dr, Livermore, CA 94551 and there is a fee of \$7 per class for a bucket of driving range golf balls. However, if students wish to share a bucket, thus halving this fee, it is perfectly feasible.

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 Golf class meets at Las Positas Golf Course, 917 Clubhouse Dr, Livermore, CA 94551 and there is a fee of \$7 per class for a bucket of driving range golf balls. However, if students wish to share a bucket, thus halving this fee, it is perfectly feasible.

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.

KIN PL1 PILATES 1 1.0 Units

This course is an introduction to the Pilates Method of body conditioning. This course presents a system that helps build flexibility and long lean muscles as well as strength and endurance in the legs, abdominals, arms, hips and back. Strong emphasis is placed on spinal and pelvic alignment.

KIN PL2 PILATES 2 1.0 Units

This Kinesiology course is continued study of the Pilates Method. The student will learn the principle of neutral spine, how to use Pilates props to provide variation and increased difficulty, and create level 2 exercise routines to enhance overall fitness. The concept of "complete coordination of the body, mind and spirit" will be experienced.

Strongly Recommended: KIN PL1 with a minimum grade of C

KIN SW1 SWIMMING 1 1.0 Units

An introductory course designed to teach basic swimming skills and is designed for non-swimmers who cannot complete one length of the pool (25 yards). Emphasis will be on the physical and psychological adjustment to the water as well as basic swimming stroke technique. Students will also learn aquatics safety methods.

KIN SW2 SWIMMING 2 1.0 Units

This is a beginning level course designed to teach fundamental swimming skills. Emphasis will be on developing basic swimming techniques for the freestyle and backstroke, and include an introduction to breaststroke, butterfly, and sidestroke. Students will also learn aquatic safety methods.

Strongly Recommended: KIN SW1 with a minimum grade of C

KIN SW3 SWIMMING 3 1.0 Units

This is an Intermediate Swimming course. Instruction includes refining the competitive strokes (freestyle, backstroke, butterfly, breaststroke), the introduction of the individual medley, and competitive turns for each stroke.

Strongly recommended: KIN SW2 with a minimum grade of C

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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: KIN YO1 with a minimum grade of C

KIN ZUM1 ZUMBA FITNESS WORKOUT 1 1.0 Units

Zumba is a Latin-inspired, dance-fitness workout class that incorporates Latin American inspired music, along with jazz, hip hop, pop, country and African inspired international music. Zumba workouts will use choreographed steps and movements to form a fitness-based calorie burning dance workout.

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.

Strongly Recommended: 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.

Strongly Recommended: KIN FJW3 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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

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offensive strategies, swimming mechanics, and water polo ball skills appropriate to intercollegiate athletic competition will be expected of the participants. This course may be taken four times for credit.

Strongly Recommended: KIN SW3 and KIN WP1 with a minimum grade of C

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.

Strongly Recommended: KIN SW3 and KIN WP1 with a minimum grade of C

**KINESIOLOGY
- MARTIAL ARTS -**

KIN ETD1 ESKRIMA - TENIO DECUERDAS 1 1.0 Units

An introductory course of the Filipino martial art system of Tenio DeCuerdas Eskrima: a complete system combining 18 styles of eskrima, kali, and arnis. The course will focus on history of the system, basic movement and striking, increasing hand speed, defenses against daga, daga versus daga, and how to receive techniques safely.

KIN ETD2 ESKRIMA - TENIO DECUERDAS 2 1.0 Units

A second semester course of the Filipino martial art system of Tenio DeCuerdas Eskrima. The course will focus on history of the head of the system, concepts of rhythms and beats, proper footwork, defenses against daga, daga versus daga, and how to receive techniques safely.

Strongly Recommended: KIN ETD 1 with a minimum grade of C

KIN ETD3 ESKRIMA - TENIO DECUERDAS 3 1.0 Units

A third semester course of the Filipino martial art system of Tenio DeCuerdas Eskrima. The course will focus on concepts of sectoring, advanced footwork, trapping and locking, intermediate daga versus daga concepts, and how to safely receive advanced techniques.

Strongly Recommended: KIN ETD2 with a minimum grade of C

KIN ETD4 ESKRIMA - TENIO DECUERDAS 4 1.0 Units

A fourth semester course of the Filipino martial art system of Tenio DeCuerdas Eskrima. The course will focus on concepts of the third arm, proper leg evasions, and advanced open hand and daga versus daga techniques.

Strongly Recommended: KIN ETD3 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 14 RESPONDING TO EMERGENCIES: 3.0 Units

This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess a victim's condition and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements.

KIN 16 THE SUCCESSFUL STUDENT ATHLETE 1.0 Units

This course is designed to assist the student-athlete in developing realistic expectations and goals of college, explore academic programs, and understand what is necessary to succeed in college while competing in an intercollegiate sport. The rules and regulations of the Commission on Athletics (COA), National Collegiate Athletic Association (NCAA), and the National Association of Intercollegiate Athletics (NAIA) will be defined and explored to bring awareness to the student-athlete regarding eligibility and transferring to a four-year institution.

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.

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 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.

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.

Strongly Recommended: 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

- **Math Emporium Classes** pg. 69
- **Lecture Classes** pg. 70
- **All Concurrent Support** pg. 71
- **Math Jam** pg. 72
- **NonCredit (Tuition-Free) Math Classes and Concurrent Supports**..... pg. 77
- **Math Pathways Flowchart**..... 88, 89

MATH EMPORIUM

The Math Emporium is a mode in which students have the ability to complete their foundational math courses, associate level math courses, and Technical Math sequence 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 learn study skills and tips along with the math while working on their lab assignments. Students will decide when they are ready to take a test and take the length of time they need when testing (within the hours of operation).

Students registering for a Math Emporium course are required to purchase and use the internet based software MyMathLab, which contains an online version of the textbook.

MATH 30 COLLEGE ALGEBRA FOR STEM 4.0 Units

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

Prerequisite: MATH 55 or MATH 55B or NMAT 255 with a minimum grade of C

Some sections of this course are taught in the Math Emporium. For more information, go to the Mathematics Department website <http://www.laspositascollege.edu/mathemporium>.

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 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

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solving triangles using the law of sines and the law of cosines.

Prerequisite: MATH 55 or MATH 55B with a minimum grade of C.

Some sections of this course are taught in the Math Emporium.

For more information, go to the Mathematics Department website

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

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: Math 50 or Math 55 or Math 55B with a minimum grade of C

Some sections of this course are taught in the Math Emporium.

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

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: MATH 55 or MATH 55B or MATH 50 with a minimum grade of C

Some sections of this course are taught in the Math Emporium.

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

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 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.

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

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of a course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

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 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. Students who have completed, or are enrolled in, CS 17 may not receive credit.

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

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: MATH 55 or MATH 55B 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 these materials. Consult with the instructor or bookstore before registering for this course.

MATH 55 INTERMEDIATE ALGEBRA FOR BSTEM 5.0 Units

Intermediate algebra concepts, in the service of Business, Science, Technology, Engineering and Math (BSTEM) will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout.

Strongly Recommended: MATH 110 or MATH 110B or NMAT 210 with a minimum grade of C

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.

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.

MATH 55C CONCURRENT SUPPORT INT. ALGEBRA 1.0 Units

This course is concurrent support for Intermediate Algebra. The course is designed to provide additional, formal support

to students who are currently taking an Intermediate Algebra. It includes a review of arithmetic, algebraic and geometric concepts that are relevant to their Intermediate Algebra course, study strategies that promote understanding and improve performance, and more in-depth investigation of core concepts that are difficult for students to master. Embedded are learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more. *Corequisite: MATH 55 or NMAT 255 or MATH 50 or NMAT 50*

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 STRONGLY RECOMMENDED 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.

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. Students 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. Students 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 STRONGLY RECOMMENDED 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.

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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.

MATH JAM

Math Jam Calculus courses are a 1-week support course prior to the start of the semester for students who wish to prepare for their upcoming Calculus 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.

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 strongly recommended that students taking this course are enrolled in a calculus course.

Math Jam for Calculus I is a 1-week support course prior to the start of the semester 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.

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 strongly recommended that students taking this course are enrolled in a calculus course.

Math Jam for Calculus II is a 1-week support course prior to the start of the semester 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.

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 strongly recommended that students taking this course are enrolled in a calculus course.

Math Jam for Calculus III is a 1-week support course prior to the start of the semester for students who wish to prepare for their upcoming Calculus I 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.

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 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 8A THEORY AND MUSICIANSHIP 1 4.0 Units

Elements of diatonic harmony through part writing and ear training exercises as typified by musical practice from 1600 to the present. Includes keys, modes, scales, tonality, intervals, solfeggio, consonance/dissonance, rhythmic organization, chord structure, chord and interval recognition, melodic and rhythmic dictation, voice leading principles, non-chord tones, four-part voice leading with selected primary and secondary chords, and figured bass realization.

Strongly Recommended: MUS 6, MUS 21A with a minimum grade of C

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. Enrollment by audition only.

Strongly Recommended: MUS 18A and MUS 6 with a minimum grade of C

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 14 JAZZ WORKSHOP 1.0 Units

Reading, preparation and performance of contemporary Jazz music. Opportunity to apply improvisation techniques in a group setting.

Enrollment by audition only.

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.

Enrollment by audition only.

MUS 16 PHILHARMONIC ORCHESTRA 1.0 Units

This course is for the study, rehearsal, and public performance of the standard Classical orchestra literature, with an emphasis on the development of skills needed to perform within an ensemble. Different literature is studied each semester so that different technical, historical and artistic issues are addressed. Attendance at all scheduled performances is required. Audition required.

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. Enrollment by audition only.

Strongly Recommended: MUS 18A, MUS 6 with a minimum grade of C

Enrollment by audition only.

MUS 17B JAZZ COMBO 2 1.0 Units

For intermediate/advanced instrumentalists who want to continue what they learned in 17A by performing, composing, and arranging small-group literature. Enrollment by audition only.

Prerequisite: MUS 17A with a minimum grade of C

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.

Strongly Recommended: 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.

Strongly Recommended: 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 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.

Strongly Recommended: 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.

Strongly Recommended: 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 covers the following basic aspects of music technology: computer skills, software-based sequencing, synthesis, MIDI, sampling, notation, principles of sound, microphones, introduction to digital audio, signal processing, mixers and mixing, recording principles, cables and interconnects, and audio in live performance.

MUS 38 APPLIED LESSONS 1.0 Units

Individualized study of the appropriate techniques and repertoire for the specific instrument or voice being studied.

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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.

Special Approval Needed: To enroll in Applied Lessons MUS 38, students are required to concurrently enroll in Music Theory (MUS 8A, 8B, 10A, or 10B) and a Performing Ensemble. Contact Dan Marschak at dmarschak@laspositascollege.edu for more information and an Add Code.

| | | |
|---------------|---------------------------------------|------------------|
| 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 - HORN | 1.0 Units |
| MUS 38 | APPLIED LESSONS - LOW BRASS | 1.0 Units |
| MUS 38 | APPLIED LESSONS - OBOE | 1.0 Units |
| MUS 38 | APPLIED LESSONS - PERCUSSION | 1.0 Units |
| MUS 38 | APPLIED LESSONS - PIANO | 1.0 Units |
| MUS 38 | APPLIED LESSONS - JAZZ 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.

Strongly Recommended: MUS 6, MUS 44 with a minimum grade of C

Enrollment by audition only.

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.

Strongly Recommended: MUS 6, MUS 44 with a minimum grade of C

Enrollment by audition only.

MUS 48 IMPROVISATION LAB 1.0 Units
 This course exposes students to the fundamental concepts and skills any improviser needs to succeed in a group setting. The course is open to any instrumentalist or vocalist with no audition or experience in jazz required. The course is intended to prepare students for established advanced jazz ensembles and Vocal East. Emphasis will be on group activities, independent practice, basic theory concepts, and performance. *Strongly Recommended:* MUS 6 or MUS 8A with a minimum grade of C

NONCREDIT AUTOMOTIVE TECH

NAUT A5 BRAKES 0.0 Units
 Diagnosis, evaluation, inspection, adjustment, and repair of braking, antilock braking systems, traction control and related devices. Class will involve California State law regarding brake and safety inspections. Includes the material on the California Brake Adjuster's Licensing Examination.

Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C

Students are strongly recommended to enroll in Automotive Lab concurrently.

NAUT A6 ELECTRICAL/ELECTRONIC SYSTEMS 0.0 Units
 Automotive electrical/electronic systems, including electrical circuits, Ohm's Law, battery, starting, charging, ignition, fuel, accessories, brakes, chassis, suspension, steering, HVAC, and wiring systems. Emphasis on diagnosis of electrical troubles, assembly, repair of components, and diagnostic equipment usage.

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

Students are strongly recommended to enroll in Automotive Lab concurrently.

NAUT A7 HEATING AND AIR CONDITIONING 0.0 Units
 Diagnosing, evaluation, testing, adjustment, and repair of heating, ventilation and air conditioning (HVAC). Includes heat and energy, psychometrics, air flow, refrigerant recycling, equipment and controls. Student will be prepared to pass a nationally recognized HVAC certificate program, required by all California HVAC repair shops.

Prerequisite: AUTO INTR or NAUT INTR or AUTO INTL and AUTO INTZ with a minimum grade of C

Students are strongly recommended to enroll in Automotive Lab concurrently.

NAUT CA5 CONCEPTS OF BRAKES 0.0 Units
 This class is lecture only and non-credit. Diagnosis, evaluation, inspection, adjustment, and repair of braking, antilock braking systems, traction control and related devices. Class will involve

California State law regarding brake and safety inspections. Includes the material on the California Brake Adjuster's Licensing Examination.

NAUT CA6 ELECTRICAL/ELECTRONIC SYSTEMS 0.0 Units

This class is lecture only and non-credit. Automotive electrical/electronic systems, including electrical circuits, Ohm's Law, battery, starting, charging, ignition, fuel, accessories, brakes, chassis, suspension, steering, HVAC, and wiring systems. Emphasis on diagnosis of electrical troubles, assembly, repair of components, and diagnostic equipment usage.

NAUT CA7 AUTOMOTIVE HEATING AND AIR 0.0 Units

This class is lecture only and non-credit. Diagnosing, evaluation, testing, adjustment, and repair of heating, ventilation and air conditioning (HVAC). Includes heat and energy, psychometrics, air flow, refrigerant recycling, equipment and controls. Student will be prepared to pass a nationally recognized HVAC certificate program, required by all California HVAC repair shops.

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 CSMG CONCEPTS OF SMOG LEVEL ONE&TWO 0.0 Units

This class is lecture only and non-credit. This class will include Level One and Level Two smog lectures only. This class is intended to allow California drivers to understand the training and laws of the smog check program. At the end of the class students will not qualify for either EI or EO smog license.

See www.smogcheck.ca.gov for more information.

NAUT L1L2 SMOG LEVEL ONE AND LEVEL TWO 0.0 Units

This course includes classes/modules the State of California's requires for a student/automotive technician to be prepared to take their Smog License Test. This class will include Level One and Level Two smog training only. At the end of the class students may or may not qualify for either EI or EO smog license.

See www.smogcheck.ca.gov for more information.

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. This 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)

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. Course 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. Course 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

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and ethical frameworks, safety considerations, airspace classification, operating requirements, flight restrictions and the effects of weather on a drone's performance.

NONCREDIT BUSINESS

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.

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.

Strongly Recommended: 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.

Strongly Recommended: 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 LIBRARY STUDIES

NLIB 201 GETTING STARTED WITH RESEARCH 0.0 Units

Introduction to characteristics of academic and workplace research, the research process, and libraries. Familiarizes students with physical and online library resources; including availability, organization, and formats. Students will gain confidence to create a research strategy and to seek help when needed.

NLIB 202 GATHERING INFORMATION 0.0 Units

Introduction to gathering information used in academic and workplace research. Familiarizes students with characteristics and types of information used to research; including primary and secondary research. Students will gain confidence with research terminology and to seek help when needed.

Strongly Recommended: NLIB 201

NLIB 203 EVALUATING INFORMATION 0.0 Units

Introduction to evaluating information used in academic and workplace research. Familiarizes students with selecting suitable sources for academic and workplace research through examinations of source reliability, validity, accuracy, authority, timeliness, and objectivity. Students will gain confidence with research terminology and to seek help when needed.

Strongly Recommended: NLIB 201 and NLIB 202

NLIB 204 USING INFORMATION 0.0 Units

Introduction to using information for academic and workplace research. Familiarizes students with the organization, presentation, and ethical use of information in academic and workplace contexts. Students will gain confidence with research terminology and to seek help when needed.

Strongly Recommended: NLIB 201, NLIB 202, NLIB 203

NONCREDIT MATH

- **All Concurrent Support** pg. 77
- **NONCREDIT Math Jam** pg. 78
- **NONCREDIT Lecture Classes** pg. 79

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 STRONGLY RECOMMENDED 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.

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

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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 STRONGLY RECOMMENDED 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.

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 during certain hours. Hours of help can be found at the department website: www.laspositascollege.edu/ilc

NMAT 255C CONCURRENT SUPPORT INT. ALGEBRA 0.0 Units

This course is concurrent support for Intermediate Algebra. The course is designed to provide additional, formal support to students who are currently taking an Intermediate Algebra. It includes a review of arithmetic, algebraic and geometric concepts that are relevant to their Intermediate Algebra course, study strategies that promote understanding and improve performance, and more in-depth investigation of core concepts that are difficult for students to master. Embedded are learning skills such as growth mindset, brain research, time management, study skills, test taking, math anxiety and more.

Corequisite: NMAT 255 - This is a one-way corequisite for NMAT 255. Everyone taking this NMAT 255C concurrent support course must be taking a NMAT 255 class concurrently. However, not everyone taking NMAT 255 would have to take this NMAT 255C concurrent support course.

-OR Corequisite: MATH 55 - This is a one-way corequisite for MATH 55. Everyone taking this NMAT 255C concurrent support course must be taking a MATH 55 class concurrently. However, not everyone taking Math 55 would have to take this NMAT 255C concurrent support course.

-OR Corequisite: NMAT 250 - This is a one-way corequisite for NMAT 250. Everyone taking this NMAT 255C concurrent support course must be taking a NMAT 250 class concurrently. However, not everyone taking NMAT 250 would have to take this NMAT 255C concurrent support course.

-OR Corequisite: MATH 50 - This is a one-way corequisite for MATH 50. Everyone taking this NMAT 255C concurrent support course must be taking a Math 50 class concurrently. However, not everyone taking MATH 50 would have to take this NMAT 255C concurrent support course.

NONCREDIT MATH JAM

Math Jam Calculus courses are a 1-week support course prior to the start of the semester for students who wish to prepare for their upcoming Calculus 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.

NMAT 260A MATH JAM INTRO TO TUTORING 0.0 Units

Math Jam is designed to help students prepare for their upcoming math class. This Math Jam Tutor Training course is designed to train tutors prior to Math Jam in strategies for effectively engaging students in learning difficult math concepts. Tutors will learn about intelligent practices for mastering material and how to navigate in the online course environment participants will be using during Math Jam. This is designed for students who are interested in becoming a paid mathematics tutor at Las Positas College or in any educational capacity.

This Math Jam Tutor Training course is designed to train tutors prior to Math Jam in strategies for effectively engaging students in learning difficult math concepts and should be taken with NMAT 260B. Tutors will learn about intelligent practices for mastering material and how to navigate in the online course environment participants will be using during Math Jam. This is an excellent first course for students who are interested in becoming a paid mathematics tutor at Las Positas College or in any educational capacity. Students who complete NMAT 260A and 260B can earn a Certificate of Completion.

NMAT courses are tuition-free and noncredit.

NMAT 260B MATH JAM FOR TUTORS 0.0 Units

Math Jam is designed to help students prepare for their upcoming math class. This Math Jam Tutor Training course supports tutors during Math Jam to apply strategies for effectively engaging students in learning difficult math concepts with participants. Tutors apply knowledge around intelligent practices for mastering material as they tutor participants during Math Jam. This is an excellent second course for students who are interested in becoming a paid mathematics tutor at Las Positas College or in any educational capacity.

This Math Jam Tutor Training course is designed to train tutors prior to Math Jam in strategies for effectively engaging students in learning difficult math concepts and should be taken with NMAT 260A. Tutors will learn about intelligent practices for mastering material and how to navigate in the online course environment participants will be using during Math Jam. This is an excellent first course for students who are interested in becoming a paid mathematics tutor at Las Positas College or in any educational capacity. Students who complete NMAT 260A and 260B can earn a Certificate of Completion.

NMAT courses are tuition-free and noncredit.

NMAT 264 MATH JAM FOR SLAM PREP 0.0 Units

Math Jam for SLAM Prep is for students preparing for math courses in Statistics and Probability or Mathematics for Liberal Arts.

Math Jam is a FREE noncredit program designed to help students prepare for their upcoming math class at a community college. Embedded are essential study and life skills to develop each student holistically, including career development. Students will be learning prerequisite algebraic and basic probability material with the goal of preparing them to be successful in their upcoming first-level transfer course of Statistics or Math for Liberal Arts class.

It is STRONGLY RECOMMENDED that students taking this course be enrolled in Math 40: Statistics and Probability or Math 47: Mathematics for Liberal Arts at Las Positas College.

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 FREE noncredit program designed to help students prepare for their upcoming STEM focused math class at a community college. Embedded are essential study and life skills to develop each

student holistically, including career development. Students will be learning pre-transfer level material with the goal of preparing them to be successful in their upcoming class.

It is **STRONGLY RECOMMENDED** that students taking this course are enrolled in a community college math course.

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

A TI-84 or TI-83 calculator or internet-based software may be required for some sections of a course. There may be a fee associated with these materials. Consult with the instructor or bookstore before registering for this course.

NMAT 255 INTERMEDIATE ALGEBRA FOR BSTEM 0.0 Units

Intermediate Algebra concepts, in the service of Business, Science, Technology, Engineering and Math fields (BSTEM), will be explored in this course including: an introduction to functions; linear and absolute value functions; absolute value equations and inequalities; compound linear inequalities; rational expressions, functions and equations; radical expressions, functions and equations; rational exponents; complex numbers; quadratic functions and equations; inverse of a function; exponential and logarithmic functions; properties of logarithms; exponential and logarithmic equations; conic sections; and systems of equations and inequalities. Multiple representations, applications and modeling with functions are emphasized throughout. Students can petition to get credit for the Math 55 Intermediate Algebra for BSTEM course by examination.

Strongly Recommended: NMAT 210 or MATH 110 or MATH 110B with a minimum grade of C

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.

Strongly Recommended: CHEM 30A, MATH 110 with a minimum grade of C

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.

Strongly Recommended: NUTR 1 with a minimum grade of C

OCCUPATIONAL SAFETY AND HEALTH

OSH 50 INTRO OCCUPATIONAL SAFETY/HLTH 3.0 Units

An introduction to the principles and techniques of occupational safety and health management. Includes historical evolution,

professional make-up and safety practitioners, and analysis and implementation of a typical safety program.

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.

Strongly Recommended: Eligibility for ENG 1A

Students may take Philosophy classes in any order.

PHIL 2 ETHICS 3.0 Units

This course covers the concepts of morality, values and influential ethical theories. Students taking this course will be required to use philosophical methods to evaluate these theories for themselves and show how these theories can apply to everyday ethical questions.

Strongly Recommended: Eligibility for ENG 1A

Students may take Philosophy classes in any order.

PHIL 4 INTRO TO PHILOSOPHY: KNOWLEDGE 3.0 Units

Systematic analysis of documents that constitute the major statements in the theory of knowledge. Investigation of the nature of knowledge, truth and belief. Emphasis placed on enabling students to analyze, critique and defend their own systems of beliefs.

Strongly Recommended: Eligibility for ENG 1A

Students may take Philosophy classes in any order.

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.

Strongly Recommended: Eligibility for ENG 1A

Students may take Philosophy classes in any order.

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.

Students enrolled in this class will be assessed a \$20 materials fee at registration.

Scan here to visit the current Fall 2022 class schedule online



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.

Students enrolled in this class will be assessed a \$20 materials fee at registration.

PHTO 57 INTERMEDIATE DIGITAL PHOTO 1.5 Units

This course covers digital photography including intermediate and advanced digital image capture assignments, camera use, digital manipulation using software such as Adobe Photoshop, and preparation of image files for display printing and use on the Web.

Strongly Recommended: PHTO 56 with a minimum grade of C

Students enrolled in this class will be assessed a \$20 materials fee at registration.

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.

Students enrolled in this class will be assessed a \$20 materials fee at registration.

PHTO 60 INTERMEDIATE BLACK&WHITE PHOTO 3.0 Units

Using exposure/development controls related to black and white negative materials. Development of intermediate/advanced print making skills. Emphasis on visual and critical problems related to black and white photography.

Strongly Recommended: PHTO 50 with a minimum grade of C

Students enrolled in this class will be assessed a \$20 materials fee at registration.

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.

Strongly Recommended: PHTO 58 with a minimum grade of C

Students enrolled in this class will be assessed a \$20 materials fee at registration.

PHTO 72 INTRO. TO PHOTOJOURNALISM 3.0 Units

This course deals with the photographer as a journalist, focusing on theory and practice in press and publications photography, with emphasis on using the camera as a reporting and communications tool. Covered are news and feature photography and photographic essays, including composition, impact, and creativity, for newspapers, magazines, the Internet, and other mass communications media. Understanding and applying photojournalistic and basic technical and visual skills in the making of successful reportage photographs. Consideration of the work of major 20th and 21st century photojournalists. Students who have completed, or are enrolled in JAMS 12 may not receive credit.

Strongly Recommended: PHTO 50 and/or PHTO 56, and/or GDDM 53 with a minimum grade of C

Students enrolled in this class will be assessed a \$20 materials fee at registration.

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: MATH 55 with a minimum grade of C

PHYS 10L DESCRIPTIVE PHYSICS LAB 1.0 Units

Introduction to laboratory principles and techniques with emphasis on the basic concepts of physics such as mechanics, thermodynamics, energy, electricity, magnetism, and optics.

Prerequisite: MATH 55 with a minimum grade of C

Corequisite: PHYS 10 (may also be taken after successful completion of PHYS 10)

POLITICAL SCIENCE

POLI 7 INTRO TO AMERICAN GOVERNMENT 4.0 Units

Introduction to the principles, problems and basic issues of government with particular emphasis on the national government in the United States, including discussion of the American Constitution, and California state and local government.

Strongly Recommended: Eligibility for 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: 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.

Strongly Recommended: Psychology 1.

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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; the stage and cycles of sleep; sleep requirements and changes across the lifespan; sleep deprivation and its effects on cognitive, emotional, behavioral functioning and health; the role of sleep and dreams in mental health; the relationship between sleep and daytime alertness and performance; theories of dream content, function, and meaning; dreaming and creativity; and lucid dreaming; sleep disorders, their characteristics and treatments. Examination of information and theories for practical application.

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

RADIATION SAFETY

RADS 40A RADIATION SAFETY 2.0 Units
A course designed to provide basic radiation safety instruction. Includes identification of the sources of radiation and radioactive materials, the nature of ionization radiation, biological effects, and risk assessment.
Strongly Recommended: MATH 110 or MATH 110B with a minimum grade of C

RELIGIOUS STUDIES

RELS 1 RELIGIONS OF THE WORLD 3.0 Units
This course is an introduction to select religious traditions and cultures through exploring the history and beliefs of different religions. This course will also examine classic sacred texts and a variety of sacred practices. Religions studied include Shamanistic/Indigenous Religions, Hinduism, Buddhism, Jainism, Sikhism, Taoism, Confucianism, Judaism, Christianity, and Islam.
Students may take Religious Studies classes in any order.

RELS 3 INTRO TO WOMEN'S SPIRITUALITY 3.0 Units
An interdisciplinary and cross-cultural examination of women's spirituality with particular reference to women's contributions and influence in redefining feminine aspects of the divine. Examines the use of feminine experience as a primary construct for understanding the connection between women's spirituality and the sacred. This course will also explore how issues of gender, culture, and identity influence women's religious experiences. Explores religious texts, rituals, music, poetry and film.

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.
Strongly Recommended: 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.
Strongly Recommended: 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.
Strongly Recommended: 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.
Strongly Recommended: 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.

Strongly Recommended: 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

SPAN 21 SPANISH SPEAKERS I 5.0 Units

This course is designed for bilingual students whose heritage language is Spanish and for linguistically qualified students who wish to improve their reading and writing Spanish skills. It provides students with instruction that builds upon their existing reading, writing, speaking and listening skills, and their cultural heritage and knowledge. The course will help students develop critical and integrative thinking skills; enhance their knowledge of Hispanic cultures as manifested in Spanish-speaking countries and the United States; understand sociopolitical realities; examine and recognize dialectal, social, and contextual variations; improve strategic speaking, reading, and writing skills; and master grammar points of concern to bilingual and heritage Spanish speakers. This course is conducted entirely in Spanish.

Prerequisite: Spanish heritage speaker proficiency or the equivalent intermediate level as assessed.

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.

Prior to enrolling, please contact Conservatory Coordinator Titian Lish at tlish@laspositascollege.edu

THEA 1A THEORY/PRACTICE OF ACTING I 3.0 Units

This course prepares a student to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and interpretation of text. An introduction to the techniques and theories of acting, explored through improvisation, exercises and scene study. Students should be able to demonstrate the following skills: development of the physical and psychological resources for acting including relaxation, concentration, creativity, believability, and commitment.

Strongly Recommended: ENG 1A 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.

Strongly Recommended: Eligibility for ENG 1A/1AEX

THEA 39A MUSICAL THEA WORKSHOP-BEGINNING 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.

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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. Enrollment by Audition only.
This production is by audition only and will require rehearsals and performances outside of the listed course hours. Auditions are scheduled for August 2022. For more information on auditions and rehearsals, please visit the audition page at <http://laspositascollege.edu/theater/auditions.php> or contact producer Titian Lish at tlish@laspositascollege.edu

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. Enrollment by Audition only.
Prerequisite: THEA 47A with a minimum grade of C
This production is by audition only and will require rehearsals and performances outside of the listed course hours. Auditions are scheduled for August 2022. For more information on auditions and rehearsals, please visit the audition page at <http://laspositascollege.edu/theater/auditions.php> or contact producer Titian Lish at tlish@laspositascollege.edu

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. Enrollment by Audition only.
Prerequisite: THEA 47B with a minimum grade of C
This production is by audition only and will require rehearsals and performances outside of the listed course hours. Auditions are schedule for August 2022. For more information on auditions and rehearsals, please visit the audition page at <http://laspositascollege.edu/theater/auditions.php> or contact producer Titian Lish at tlish@laspositascollege.edu

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. Enrollment by Audition only.
Prerequisite: THEA 47C with a minimum grade of C
This production is by audition only and will require rehearsals and performances outside of the listed course hours. Auditions are schedule for August 2022. For more information on auditions and rehearsals, please visit the audition page at <http://laspositascollege.edu/theater/auditions.php> or contact producer Titian Lish at tlish@laspositascollege.edu

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.
Strongly Recommended: 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
Strongly Recommended: 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
Strongly Recommended: 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

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.
Strongly Recommended: THEA 50 with a minimum grade of C

THEA 54 SHAKESPEARE 3.0 Units
 Study and performance of classical Shakespearean texts (monologues and dialogues), with a focus on the Elizabethan

world as it applies to performance. Students will come to understand the works of William Shakespeare through active performance techniques as well as traditional literary analysis.

Prerequisite: THEA 1A with a minimum grade of C

Strongly Recommended: THEA 1B with a minimum grade of C

THEA 56 ACTING FOR THE CAMERA I 3.0 Units

Introduction to the principles and techniques of acting on camera. Different techniques for work with three cameras, commercials, acting for film and acting for television. Work with technique for various on camera types of auditions, i.e., commercials, film and television.

Prerequisite: THEA 1A with a minimum grade of C (May be taken concurrently)

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 10 INTRODUCTION TO VITICULTURE 3.0 Units

This is an introduction to general viticulture covering the fundamental principles of the biology and culture of the grapevine. This includes taxonomy, morphology, physiology, distribution, domestication, utilization, propagation, production systems, harvesting, and storage and processing of grapes, with a brief overview of wine making. The class explores climate and soil preferences of *Vitis vinifera*, vineyard establishment, and training young vines. Cultural practice lectures will focus on canopy management disciplines, irrigation strategies, fertilization, pest and disease control, cover cropping and pruning. There will be practical experience workshops in the Campus Hill Vineyard. Successful completion of course should prepare students for upper division courses in viticulture.

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 20 INTRODUCTION TO ENOLOGY 3.0 Units

This course is an overview of the history of wine, modern viticulture and enology principles and practices, the science of fermentation, and standard winery operations. There is a primer on grape varieties and wine styles produced in major wine-producing regions of the world including California which will focus on regional stylistic expression of specific, heritage varietals. Instruction covering the physiology of wine consumption will precede practical exercises which will include the sensory evaluation of wines.

Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

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.

Strongly Recommended: 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 41 FALL WINERY OPERATIONS 3.0 Units

This class has a strong emphasis on the practical applications of winery operations. Students will be involved in the grape processing of the annual LPC Campus Hill Vineyard harvest, putting into action winery operations for the fall season including the planning, managing and implementation of harvest, grape maturity monitoring, press pad equipment operation and safety, handling must and juices, alcoholic and malolactic fermentation disciplines, sensory and laboratory analysis, handling and storage of new wines, maintenance of wines from previous vintages, winery sanitation, forklift safety and operation and general cellar practices.

Strongly Recommended: VWT 20 Introduction to Enology

Students under the age of 21 must have a declared major of either viticulture and/or enology to participate in any tasting activities as stated in the California State Assembly Bill 1989.

WELDING TECHNOLOGY

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.

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WLDT 61A BEG. SMAW AND FCAW THEORY 1.0 Units
Theory and safety of Shielded Metal Arc (SMAW) and Flux-core Arc (FCAW) welding of steel, flame cutting, plasma and carbon arc cutting. American Welding Society nomenclature, electrode and wire selection, job opportunities. Blueprint reading, welding symbols and hazardous material regulation.
Corequisite: WLDT 61AL or WLDT 61BL

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.

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

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

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

WLDT 66 WELDING INSPECTION & TESTING 2.0 Units
Theory and skills in performing inspections and tests using American Welding Society (AWS) codes and their role in welding inspection. The role and duties of the Certified Welding Inspector (CWI).
Strongly Recommended: WLDT 61AL or WLDT 62AL with a minimum grade of C

WLDT 67A WELDING SKILLS LAB 2.0 Units
Development and improvement of skills in Shielded Metal Arc

(SMAW), Flux Cored Arc (FCAW), Gas Metal Arc (GMAW), and Gas Tungsten Arc (GTAW) welding.
Strongly Recommended: WLDT 61AL or WLDT 62AL or WLDT 70 or WLDT 71 with a minimum grade of C

WLDT 67B ADVANCED WELDING SKILLS LAB 2.0 Units
Advanced development and improvement of skills in Shielded Metal Arc (SMAW), Flux-core (FCAW), Gas Metal Arc (GMAW), and Gas Tungsten Arc (GTAW) welding.
Strongly Recommended: WLDT 67A with a minimum grade of C

WLDT 68 CERTIFICATION PREPARATION 2.0 Units
Welding skills preparation for certification testing. Theory of American Welding Society D1.1, American Society of Mechanical Engineers Section IX and American Petroleum Institute 1104.
Strongly Recommended: WLDT 61AL or WLDT 61BL or WLDT 62AL or WLDT 62BL or WLDT 69A or WLDT 69B with a minimum grade of C

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

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

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.

WLDT 71 WELDING FOR THE ARTS 3.0 Units
Provides basic welding, shop skills and instruction that artistically inclined individuals should know in order to be effective in the process of creating metal art and sculpture. Provides instruction on types of metals aluminum, iron, steel, cast iron, bronze, stainless steel, etc.), mechanical fastenings, cutting and permanent joining together of metals and alloys through welding processes such as SMAW, GMAW, GTAW, FCAW, oxyacetylene and braze welding, plasma and fuel gas cutting. Instruction includes general shop safety, equipment use, finishing, welding electricity fundamentals, welding consumable identification, and hazardous materials regulation.

WLDT 72A BEGINNING LASER WELDING 2.0 Units
This course will cover the theory and concepts associated with modern laser welding of metals and materials. The use of the laser in the manufacturing environment will be shown along

with typical applications. The different types of lasers available for welding. The advantages and disadvantages of continuous power laser welding and pulsed laser welding.

Strongly Recommended: MATH 71 or MATH 71A and/or MATH 71B with a minimum grade of C

WLDT 72B INTERMEDIATE LASER WELDING 3.0 Units

This course will cover the theory and applied skills associated with modern laser welding of metals and materials. Hands-on use of the laser welding equipment will be shown along with typical applications. The different types of joint configurations for welding will be covered. The tools for measuring and monitoring laser welding performance will be explored. Methods of inspection, as well as defect detection, their cause and corrective action will be discussed. Practical application of codes and specifications for industrial laser welding applications will be reviewed. Laser welding safety requirements and personal protective equipment.

Prerequisite: WLDT 72A with a minimum grade of C May be taken concurrently

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.

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 classes can be taken multiple times, up to 16 units total of any combination of WRKX 94 and/or 95. Students must already have employment or unpaid work and must work a minimum of 75 paid hours or 60 unpaid hours per term. WRKX units are based on hours worked during the course. 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.

WRKX classes can be taken multiple times, up to 16 units total of any combination of WRKX 94 and/or 95. Students must already have employment or unpaid work and must work a minimum of 75 paid hours or 60 unpaid hours per term. WRKX units are based on hours worked during the course. 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.

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

Scan here to visit the current Fall 2022 class schedule online

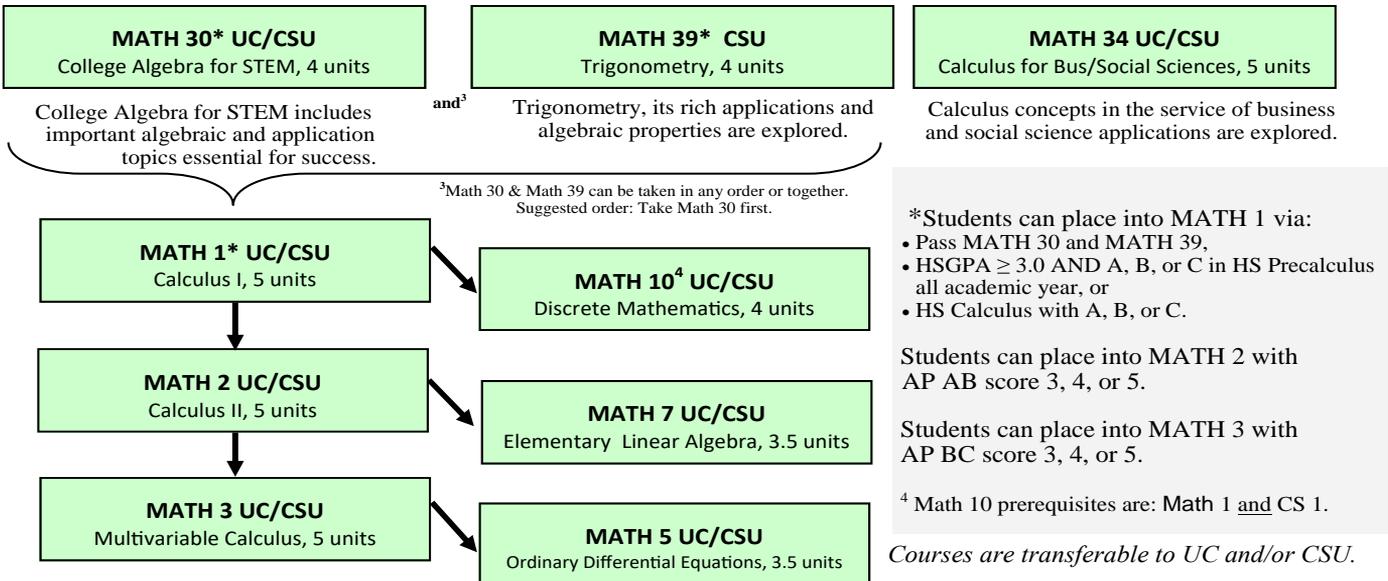


Mathematics Pathway to Business/STEM Transfer

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)

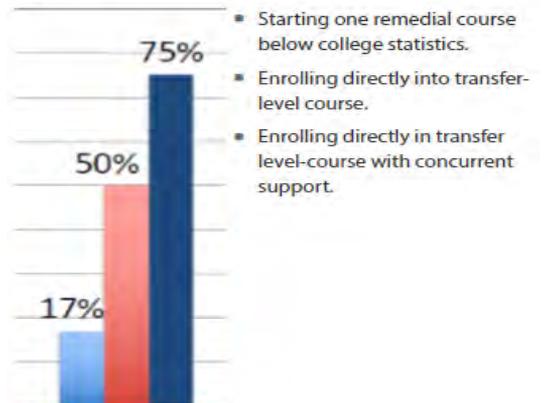
MATH 66C* & 67C* 1 unit
 Concurrent Support for Calculus I & II respectively
 * Offered for credit only

For more information, visit www.laspositascollege.edu/MathJam

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)



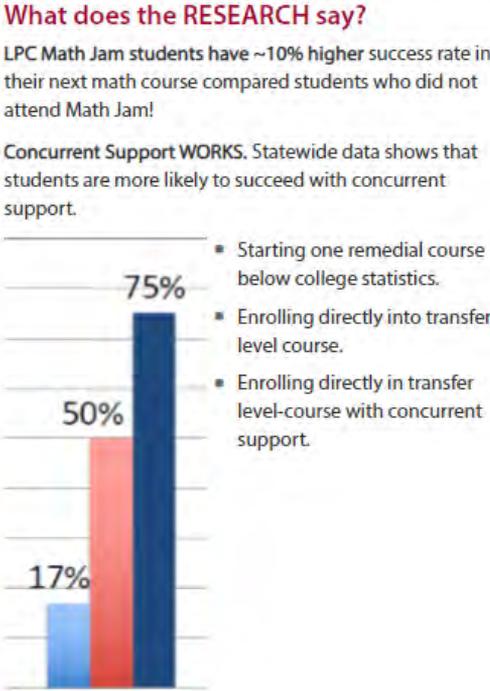
**CONCURRENT
SUPPORT COURSES**

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



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 | \$292 per unit | Nonresidents of California are required to pay a tuition fee of \$292 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 | \$292 per unit | The tuition fee for international students, non-immigrant aliens or students on other types of visas is \$292 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 September 5, 2022 for Fall 2022. |
| 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 12A | Certification | \$610 |
| Fire Service Technology | FST 86A | Materials | \$80 |
| Kinesiology | KIN 14 | Materials | \$22 |
| Kinesiology | KIN 15 | Materials | \$27 |
| Kinesiology | KIN 17, 18 | Materials | \$30 |
| Kinesiology | KIN LG | Materials | \$35 |
| Photography | PHOTO 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/payment.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 The Zone or 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 - see page 91 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 68075.6 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 financial assistance.

Free Application for Federal Student Aid (FAFSA)

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.

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 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 e-mailing 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.



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://laspositacollege.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 referrals to internships and paid jobs, and host job fairs on-campus.

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 are based on their interests. 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 in Early Care and Education classes. 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 the opportunity for high school students in 10th, 11th, and 12th grades to enroll in college-level courses. Students who desire to participate in concurrent enrollment must be recommended by their high school principal 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 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

ACADEMIC & STUDENT SUPPORT SERVICES

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 Disabled Student Programs and Services (DSPS) serves students with disabilities and provides support services, educational accommodations and specialized counseling. DSPS strives to ensure students with disabilities have equal access to educational services, classes and an opportunity to have a successful and enriching experience while pursuing their educational goals at Las Positas College.

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) provides support services for low-income and educationally disadvantaged students to help them 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. 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 one hour 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/student-gov/>

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

<https://bw11.clpccd.cc.ca.us/>

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 timelines, and includes general information about the college.

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.

ACADEMIC & STUDENT SUPPORT SERVICES

READING & WRITING CENTER (RAW)

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

The RAW Center offers free drop-in tutoring for help with any class in which reading and writing is required. We also offer paper review drop-off service. English and ESL instructor-tutors will assist with transfer applications and scholarship statements, and we offer online reading and writing support. For more information, including hours of operation and online lessons, please visit the 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' educational success by providing 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 Kimberly Burks at kburks@laspositascollege.edu or Kisha Turner at kturner@laspositascollege.edu, or visit: <http://www.laspositascollege.edu/umoja>

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) 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. Check out our new Las Positas College Veterans First App. Download it free today! Keyword: myvrc

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>.



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"

Community Education at Las Positas College

Lifelong Learning, Personal and Professional Development

Community Education at Las Positas College is an inclusive, learning-centered program providing educational and personal enrichment opportunities to all Community members. Community Education is a fee-based educational program of Las Positas College. Enrollment fees pay for instruction, administration and marketing of the program. Taking a class with Community Education helps support your local community college, so make the choice to Learn Local!



Prepare for Industry Certification Online!

Our career training programs can start you on a path to an in-demand profession or help advance your current career with industry certification. You may begin these programs at any time and learn at your own pace.

Features

- 6-18 month self-paced, start anytime
- Textbook and materials included
- Prepare for industry certification
- Certification exam vouchers are included in some instances

SHORT TERM CLASSES, TOO!

Over 300 Online Courses Available!



- 24-Hour Access
- Affordable
- 6 Week Format
- Instructor-Led

Starting at \$99



Certified Bookkeeper

The certified Bookkeeper Online Training Program helps professional bookkeepers earn prestigious American Institute of Professional Bookkeepers (AIPB) certification.



Certified Clinical Medical Assistant

540 hours

Clinical medical assistants are skilled multi-taskers who help to maximize the productivity of the healthcare team. Medical assistants enable a healthcare facility to operate more efficiently, which increases revenue and provides a positive experience for patients.



Payroll Practice and Management

100 hours

Become knowledgeable in all facets of payroll rules and regulations, and join one of the fastest-growing career fields today.



Legal secretary

350 hours

Master the skills you need to be a legal secretary and prepare for the National Association of Legal Professionals (NALA) Accredited Legal Secretary (ALS) exam. NASM Certified Personal



HVAC/R Certified Technician

162 hours

If you have more than a year of HVAC/R experience, this course will prepare you for the next step—certification. HVAC/R technicians are in demand, but certified technicians can earn more and have better career opportunities.



Optician Certification Training

150 hours

Master the skills you will need for a successful career as an optician and prepare yourself to take the AO certification exam.

To Enroll or learn more, visit or call us at:

925-424-1467

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

*Community Education classes are not for college credit



COLLEGE POLICIES & PROCEDURES

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 Web sites. 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 Web site and expressly disclaims liability for errors and omissions in the contents of this Web site. 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 Web site or its hyperlinks to other Internet resources. Reference in this Web site 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 Web site 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 Web site, which is not an authorized CLPCCD Web site, the user is no longer on a CLPCCD Web site. The CLPCCD disclaims any responsibility or liability for the services or information provided on non-CLPCCD Web sites.

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

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.

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.

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.

STUDENT RIGHT-TO-KNOW (INSTITUTIONAL DATA)

Fall 2017 Cohort, Completion Rate: 43.52 %, Transfer Rate: 16.73 %

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 2017, 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 2017 to Spring 2020. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered 'transfer prepared'. Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming 'transfer prepared' during a five-semester period, from Spring 2018 to Spring 2020, are transfer students.

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.

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

CAMPUS SAFETY & SECURITY

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.

PARKING PERMITS

Parking at Las Positas College is by permit only. Full-term parking permits may be purchased online via CLASS-Web. Daily parking permits may be purchased from parking permit dispensers located in the parking lots. All students and guests must purchase a 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

CAMPUS SAFETY & SECURITY

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 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. The full text of this report may be found online at 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
2018 – 2020

| 20 U.S.C. 1092 H (Crimes) | 2018 | | | 2019 | | | 2020 | | |
|-----------------------------------|--------------------|---------------------|-----------------|--------------------|---------------------|-----------------|--------------------|---------------------|-----------------|
| | On Campus Property | Non Campus Property | Public Property | On Campus Property | Non Campus Property | Public Property | On Campus Property | Non Campus Property | Public Property |
| Criminal Offenses | | | | | | | | | |
| 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 | 1 | 0 | 0 | 2 | 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 | 0 | 0 | 0 | 1 | 0 | 0 |
| Aggravated Assault | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burglary | 2 | 0 | 0 | 2 | 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 | | | | | | | | | |
| 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 | | | | | | | | | |
| Weapons Violations | 1 | 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 |
| Disciplinary Referrals | | | | | | | | | |
| 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:

- ✓ Student ID Number (W or Social Security)
- ✓ 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

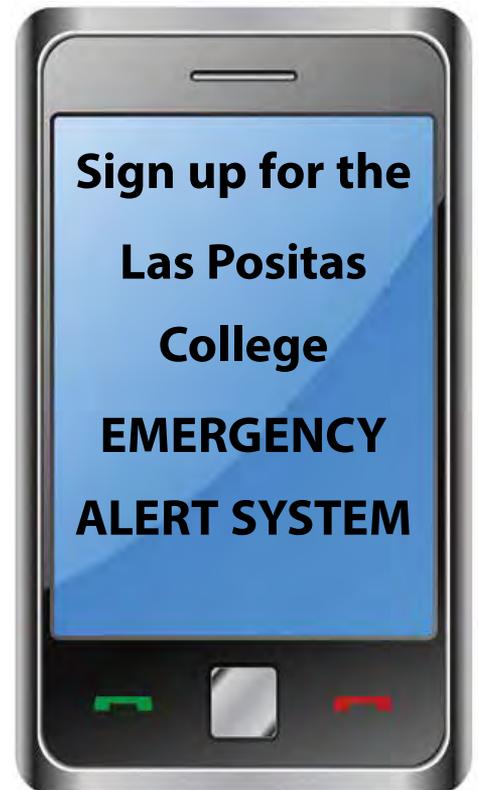
Students must purchase a DIGITAL parking permit each semester to park on campus. If you do not have a digital semester permit registered to your vehicle, daily digital permits are available for \$3.00 – look for the parking permit machines located in the parking lots.

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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- Used
- Price Match Guarantee

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- Campus Print Cards
- Snacks
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Over 10% of our sales go back to Las Positas College to support student success

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**Your Las Positas College
ID is your bus pass!**

- Ride all Wheels and Rapid routes
- Connects to Dublin/Pleasanton BART, the Livermore Labs, and the Livermore Transit Center
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Livermore Amador Valley
TRANSIT AUTHORITY



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your extra time...



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FALL 2022 FINAL EXAM SCHEDULE

Fall 2022 final examinations for full-term classes will be held Dec 14, 2022 – Dec 20, 2022. 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 | | |
|--|--|-----------------------------------|-----------|--------|
| <i>Predominantly Monday/Wednesday</i> | | | | |
| 7:30am, 8:00am | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 7:30–9:20am | Wednesday | Dec 14 |
| 8:30am, 9:00am | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 7:30–9:20am | Monday | Dec 19 |
| 9:30am, 10am | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 9:30–11:20am | Wednesday | Dec 14 |
| 10:30am, 11am | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 9:30–11:20am | Monday | Dec 19 |
| 11:30am, 12:00 noon | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 11:30am–1:20pm | Wednesday | Dec 14 |
| 12:30pm, 1:00pm | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 11:30am–1:20pm | Monday | Dec 19 |
| 1:30pm, 2:00pm | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 1:30–3:20pm | Wednesday | Dec 14 |
| 2:30pm, 3:00pm | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 1:30–3:20pm | Monday | Dec 19 |
| 3:30pm | MTWTh, MTWF, MWThF, MTThF, MWF, MT, MW, MTh, MF, WF, M | 3:30–5:20pm | Wednesday | Dec 14 |
| <i>Predominantly Tuesday/Thursday</i> | | | | |
| 7:30am, 8:00am | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 7:30–9:20am | Thursday | Dec 15 |
| 8:30am, 9:00am | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 7:30–9:20am | Tuesday | Dec 20 |
| 9:30am, 10:00am | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 9:30–11:20am | Thursday | Dec 15 |
| 10:30am, 11:00am | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 9:30–11:20am | Tuesday | Dec 20 |
| 11:30am, 12:00 noon | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 11:30am–1:20pm | Thursday | Dec 15 |
| 12:30pm, 1:00pm | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 11:30am–1:20pm | Tuesday | Dec 20 |
| 1:30pm, 2:00pm | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 1:30–3:20pm | Thursday | Dec 15 |
| 2:30pm, 3:00pm | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 1:30–3:20pm | Tuesday | Dec 20 |
| 3:30pm | TWTh, TW, TTh, TF, ThF, WTh, T, TWThF, MTTh, TThF | 3:30–5:20pm | Thursday | Dec 15 |

FALL 2022 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 16 |
| 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 16 |
| 9:30am, 10:00am, 10:30am, 11:00am | Before 7:30, or W, Th, F only before 4pm | 9:30–11:20am | Friday | Dec 16 |
| 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 16 |
| 1:30pm, 2:00pm, 2:30pm, 3:00pm | Before 7:30, or W, Th, F only before 4pm | 1:30–3:20pm | Friday | Dec 16 |
| 3:30pm | Before 7:30, or W, Th, F only before 4pm | 3:30–5:20pm | Friday | Dec 16 |

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 16 |

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 14 |
| 4:00pm and ending by 7:30pm | TTh, or Tuesday Only | 5:30pm–7:20pm | Thursday | Dec 15 |
| 4:00pm and ending by 7:30pm | Wednesday only | 5:30pm–7:20pm | Monday | Dec 19 |
| 4:00pm and ending by 7:30pm | Thursday only | 5:30pm–7:20pm | Tuesday | Dec 20 |
| 4:00pm and ending by 7:30pm | Friday only | 5:30pm–7:20pm | Friday | Dec 16 |
| 6:30pm or after | MW, or Monday only | 7:30pm–9:20pm | Wednesday | Dec 14 |
| 6:30pm or after | TTh, or Tuesday only | 7:30pm–9:20pm | Thursday | Dec 15 |
| 6:30pm or after | Wednesday only | 7:30pm–9:20pm | Monday | Dec 19 |
| 6:30pm or after | Thursday only | 7:30pm–9:20pm | Tuesday | Dec 20 |
| 6:30pm or after | Friday only | 7:30pm–9:20pm | Friday | Dec 16 |

Weekend Classes: All Saturday classes have their finals in their regular room at the regular class time scheduled on Saturday, Dec 17, 2022.

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.

NOTE: This information is subject to change. Please find the most updated information online.

CAMPUS DIRECTORY

| | | | |
|--|----------|---|----------|
| Admission & Records | 424-1500 | Integrated Learning Center (ILC) | 424-1310 |
| <i>Building 1600, Room 1670</i> | | <i>Building 600, Room 601</i> | |
| Assessment Center (Testing) | 424-1475 | International Student Program | 424-1540 |
| <i>Building 1600, Room 1642</i> | | <i>Building 1600, Room 1658</i> | |
| Athletics | 424-1274 | Library | 424-1151 |
| <i>Building 2500, Room PE116</i> | | <i>Building 2000</i> | |
| Black Cultural Resource Center (BCRC) | 424-1085 | Math Learning Center | 424-1310 |
| <i>Building 1700, Room 1726</i> | | <i>Building 600, Room 601</i> | |
| Bookstore | 424-1812 | Ombuds | 424-1406 |
| <i>Building 1300, Room 1300</i> | | <i>Building 1600, Room 1669</i> | |
| Cafeteria | 424-1849 | Outreach | 424-1407 |
| <i>Building 1600, Room 1620</i> | | <i>Building 1600, Room 1643</i> | |
| CalWORKs | 424-1459 | Puente Project | 424-1414 |
| <i>Building 1600, Room 1668</i> | | <i>Building 1000, Room 1018</i> | |
| Campus Safety & Security | 424-1690 | Reading and Writing Center (RAW) | 424-1450 |
| <i>Building 1700, Room 1725</i> | | <i>Building 2400, Room 2401, Office D</i> | |
| CARE Program | 424-1598 | Student Government | 424-1490 |
| <i>Building 1600, Room 1668A</i> | | <i>Building 1600, Room 1643</i> | |
| Career Center | 424-1487 | Student Health & Wellness Center | 424-1830 |
| <i>Building 1600, Room 1604</i> | | <i>Building 1700, Room 1701</i> | |
| Cashier's Office | 424-1500 | Student Life | 424-1496 |
| <i>Building 1600, Room 1670</i> | | <i>Building 1600, Room 1643</i> | |
| Child Development Center | 424-1560 | Transfer Center | 424-1423 |
| <i>Building 2300</i> | | <i>Building 1600, Room 1604</i> | |
| Community Education | 424-1467 | Tutorial Center | 424-1450 |
| <i>Building 1600, Room 1663</i> | | <i>Building 2400, Room 2401</i> | |
| Computer Center | 424-1144 | UMOJA | 424-1437 |
| <i>Building 800, Room 803</i> | | <i>Building 1700, Room 1726</i> | |
| Concurrent Enrollment | 424-1500 | Veterans First Program | 424-1570 |
| <i>Building 1600, Room 1670</i> | | <i>Building 1300, Room 1310</i> | |
| Counseling | 424-1400 | | |
| <i>Building 1600, Room 1616</i> | | | |
| Disabled Student Programs & Services (DSPS) | 424-1510 | | |
| <i>Building 1600, Room 1615</i> | | | |
| Engineering Technology | 424-1254 | | |
| <i>Building 1800, Room 1825</i> | | | |
| Extended Opportunity Programs & Services (EOPS) | 424-1598 | | |
| <i>Building 1600, Room 1668</i> | | | |
| Financial Aid & Scholarships | 424-1580 | | |
| <i>Building 1600, Room 1650</i> | | | |
| Information Desk | 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

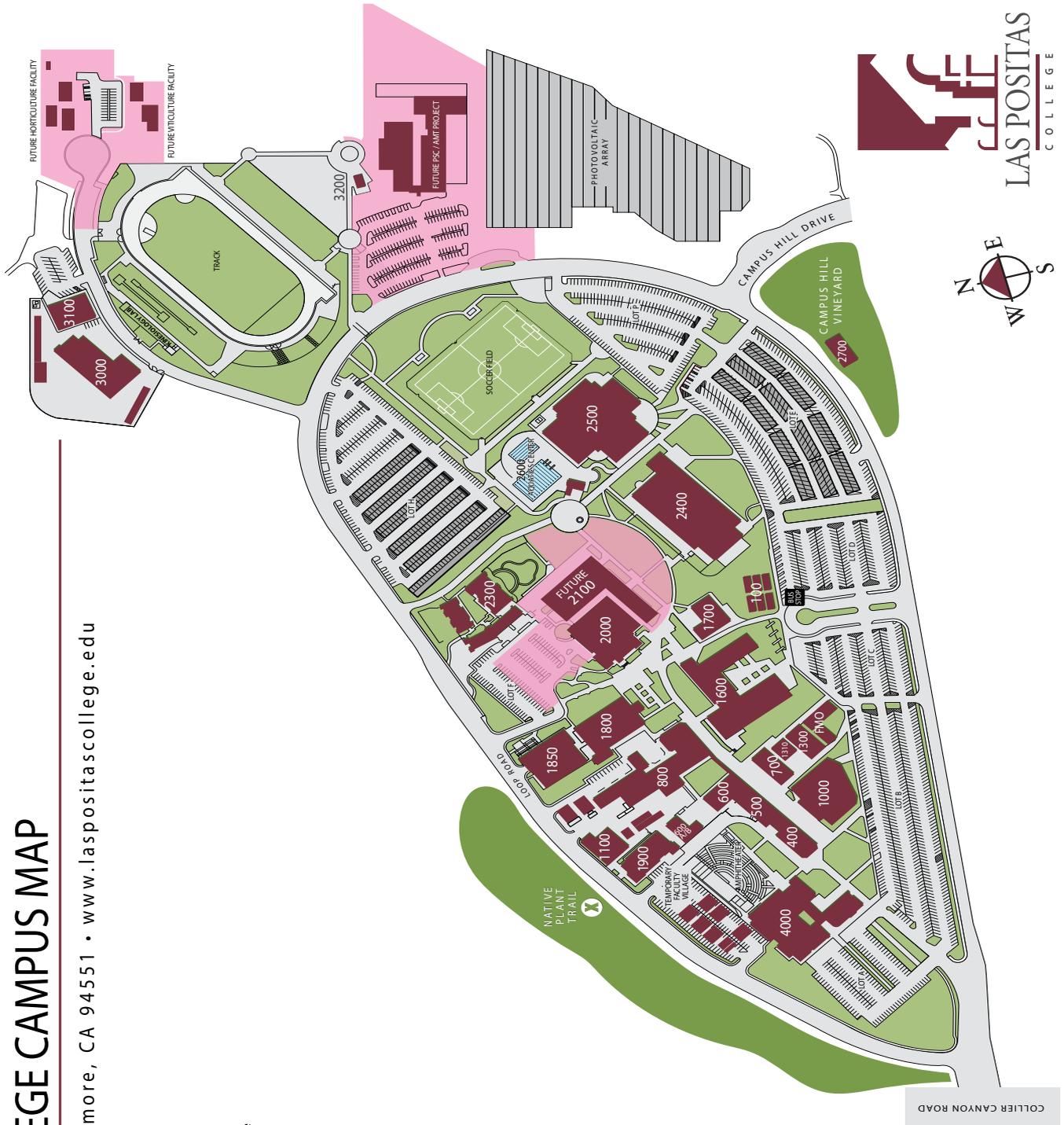
Village High School
4645 Bernal Avenue
Pleasanton, CA 94566

LAS POSITAS COLLEGE CAMPUS MAP

3000 Campus Hill Drive, Livermore, CA 94551 • 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, CAWORKS |
| | 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 | Merries Center for the Arts |
| | 4119 Main Theater |
| | 4128 Black Box Theater |
| TRACK | Track & Field - Kinesiology Lab |
| FMO | Facilities Management Office |
| *Pink/Current Construction Projects | |
| B2100 | Academic Support and Office Building |
| PSC/AMT | Public Safety Complex/Advanced Manufacturing and Transportation Facilities |





DISCOVER LAS POSITAS COLLEGE VIRTUAL INFORMATION SESSIONS

**Learn why Las Positas College is your best
choice for Transfer or Career Education.**

MAY 2022

5/10 | 4:00pm-5:00pm
5/24 | 6:30pm-7:30pm

JUNE 2022

6/14 | 4:00pm-5:00pm
6/21 | 6:30pm-7:30pm

JULY 2022

7/12 | 4:00pm-5:00pm
7/26 | 6:30pm-7:30pm

AUGUST 2022

8/9 | 4:00pm-5:00pm
8/22 | 6:30pm-7:30pm

SEPTEMBER 2022

9/6 | 4:00pm-5:00pm
9/20 | 6:30pm-7:30pm

OCTOBER 2022

10/4 | 4:00pm-5:00pm
10/18 | 6:30pm-7:30pm

NOVEMBER 2022

11/8 | 4:00pm-5:00pm
11/14 | 6:30pm-7:30pm

DECEMBER 2022

12/6 | 4:00pm-5:00pm
12/13 | 6:30pm-7:30pm

REGISTER AT

<https://bit.ly/3Gkxyky>

OR USE QR CODE TO SCAN:



STUDENT HIGHLIGHTS



Steven Alvarez

*Associate of Science,
Mechanical Engineering
Technology*

In the summer of 2016, following his exit from the U.S. Army, Steven Alvarez attended the Veterans First Program's Operation Gateway event, where he was introduced to the Vet-to-Tech program. The program guides veterans to receive an associate's degree in mechanical engineering technology. As part of the Las Positas College (LPC) Veterans First Program, and with the support of the Veterans Resource Center, Alvarez completed his degree in 2018. Since 2019, Alvarez has been working as a full-time mechanical engineer at Lawrence Livermore National Laboratory in the Materials Engineering Division. He attributes much of his success to the support services offered by LPC's Veterans Resource Center. They helped him seamlessly transition into the role of full-time student and provided excellent class instruction and tutoring services.



"LPC was very accommodating to my needs. The Veterans First Program at Las Positas is one of the best in the nation. It helps veterans navigate their benefits and provides them with a veterans community on campus."



Ihsan Mekki

*Transfer Student to
Cal State East Bay*

Ihsan started her college career at Las Positas College and then transferred to Cal State East Bay where she graduated with a bachelor's degree in sociology. Currently, she works at Mills College as the student success coordinator in the Office of Retention, Equity, and Inclusion.



"I chose Las Positas College because of the affordability and the reputation for its high transfer rates. I knew it was a school people spoke highly of and everyone I know who went before me talked about how some of the best classes and professors were at LPC. People also spoke about how they moved on to the next stage of their educational journey feeling prepared and excited. I would encourage others to attend LPC for the versatility in learning options the school offers as well as their commitment to their students. I felt heard and supported during my entire time as a student at LPC and even more so in the Umoja Program.

The Umoja program specifically helped me figure out career pathways I never thought about. It has amazing faculty and staff who oversee the program and are really committed to your education. It was working with Ms. Kim Burks that got me passionate about student affairs and support programs like Umoja as a career."



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www.laspositascollege.edu

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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:

www.laspositascollege.edu/bcrc



*Pictured:
Tyrese
Miller who
created the
BCRC logo.*

