



Cover Design by: Jamie Yi, Granada High School Student - Class of 2025

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GRANADA

Home of the Matadors Est 1963

ABOUT OUR SCHOOL

Granada High School
400 Wall Street
Livermore, California 94550
(925) 606-4800 Fax (925) 606-4808
www.livermoreschools.org/ghs

ADMINISTRATION

Principal: Clark Conover, cconover@lvjUSD.org
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Vice Principal (Class of 2025): Tori Ha, tha@lvjUSD.org
Vice Principal (Class of 2026): Jason Cain, jcain@lvjUSD.org
Vice Principal (Class of 2027): Jessica Mann, jessicamann@lvjUSD.org
Vice Principal Secretary: Colleen Wortham, cwortham@lvjUSD.org

COUNSELING OFFICE

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IB COORDINATOR

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STUDENT SERVICES

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Office Specialist: Samantha Suarez, samanthasuarez@lvjUSD.org

COURSE OF STUDY

Granada is a comprehensive 4-year high school that allows students to earn a diploma that meets requirements prescribed by the Livermore Valley Joint Unified School District and the State of California. Granada students also have the opportunity to earn an International Baccalaureate Diploma, recognized worldwide as a standard of excellence. While at Granada, students engage in a multi-disciplinary course of study, completing both required and elective coursework across the following departments: Career & Technical Education, English, Mathematics, Physical Education, Science, Social Science, History, Visual and Performing Arts and World Language. Students are able to explore career options through course pathways that provide preparation for both college and the workplace. Granada offers courses in the following Pathways career sectors:

- Arts, Media and Entertainment
- Information and Communications Technology
- Education, Child Development & Family Service Service Public Services
- Transportation
- Engineering and Architecture
- Business and Finance
- Health Science and Medical Technology
- Marketing, Sales, and Service

CATALOG

The Granada High School course catalog is designed to assist students in selecting courses that fulfill graduation requirements and aid in providing insight on various educational programs and career paths that may assist the student in long-term goal setting and planning for the future. The introductory pages outline district graduation requirements, some college entrance requirements, and other district programs. Students should read the contents of this guide carefully to discover courses and programs that will interest and challenge them, while balancing their course load to ensure social/emotional well-being. This guide will assist in selecting an appropriate program to develop each student's individual potential. We also encourage students to contact their counselors who are available to help with academic and career planning, as well as personal concerns.

TRIMESTER SYSTEM

Granada High School operates on a trimester schedule which means the school year is divided into three 12-week trimesters. This schedule provides increased opportunities and flexibility for students with the potential to up to 75 credits per school year, as opposed to 60 in a traditional semester system. There are five class periods, each 70 minutes in length. Graduation requirements are based on students enrolling in four courses per semester which is a full-load. Students who successfully complete a trimester course will earn 5 credits and one trimester is equivalent to a traditional semester. A year-long course in a semester system requires two trimesters.

GRANADA PRIDE

Granada High School values the establishment of positive expectations and positive reinforcement. All disciplinary actions, including those that use negative consequences, are intended to modify student behavior in the future.

- **Pride** - I care for myself
- **Respect** - I care for others
- **Integrity** - I adhere to the expectations of others
- **Diversity** - I appreciate including many points of views
- **Excellence** - I am committed to improvement



Granada High School



@granadahighschool



@granadapride

ACADEMIC POLICY & PROCEDURES

GRADING SYSTEM

Granada High School uses the standard weighted grading scale to calculate student GPAs. We do not differentiate grade points by grade percentage. Honors, Advanced Placement (AP) and International Baccalaureate (IB) grades 70% and above will receive an additional grade point; however, anything lower than a 70% will not be weighted.

Grade Points	A = 4 grade points B = 3 grade points C = 2 grade points D = 1 grade points F = 0 grade points
Honor Roll Principal's Honor Roll Top Scholar	GPA 3.0+ for 3 consecutive trimesters GPA 3.7+ for 3 consecutive trimesters GPA 4.0+ for 3 consecutive trimesters

ACADEMIC HONORS

Principal's Honor Roll students are eligible to receive an Academic Block G after three trimesters on Principal's Honor Roll. Students who earn Principal's Honor Roll for 5 consecutive trimesters will earn an Academic Star. Additional stars are awarded for 7 & 9 consecutive trimesters on Principal's Honor Roll. At the end of every trimester, students will need to fill out an Academic Block G application in order to receive their G Block and Stars. Students must turn all completed forms into the Counseling Office by the deadline in order to receive their awards however; students who miss the application deadline will have the opportunity to apply the following trimester.

TRANSCRIPTS

Official high school transcripts begin the first day of 9th grade. A transcript will have a complete record of grades earned during the students high school career. Students can request an unofficial and official copy of their transcript at any time by ordering one through our website by clicking on the transcript icon and selecting the preferred option. A final transcript request form will be available at the end of May for any senior or student requesting a transcript for the entire academic year.

REPORT CARDS

Report Cards are electronically sent via email to the parent/guardian primary and secondary addresses noted in our system. Parents will only have 7 days to open up the document link before it expires. If a link expires, a new one will need to be requested at the Counseling Office.

Grading Term	Report Cards Available:
1st Tri Report Card	2nd week in December
2nd Tri Report Card	3rd week in March
3rd Tri Report Card	3rd week in June

WITHDRAWING FROM A COURSE

If a student withdraws from a course during the first 10 days of the trimester, the course will be dropped from the student's course history. After the 10th day and up until the 20th day of the trimester, students can request to withdraw from a course. If an administrator determines that the request is warranted, then the student's course history will reflect a "W" if the student was passing or a "WF" if the student was failing. No withdrawals will occur after the 20th day.

SUMMER SCHOOL

All students have an opportunity to take two one-trimester classes in summer school only for the purposes of replacing a D or F grade to become eligible for graduation or to meet minimum college entrance requirements. Students must repeat courses required for graduation in which they receive a failing grade. Students may be placed on a waitlist if space is limited in the requested course. Upon completion of the repeated course, both the initial grade and the repeated grade will appear on the transcript.

GRADUATION REQUIREMENTS

All students are required to complete 240 credits in order to graduate from Granada High School. Each student will earn five credits for each course earning a letter grade of D- or above or a Pass grade for P/NP course. Ideally, students should earn a minimum of 60 credits at the end of each year through high school in order to remain on track with graduation requirements.

<i>Subject Area</i>	<i>Credits Required</i>	<i>Details</i>
English	40	4 years of English
Mathematics	20	Must complete at least Algebra I or the equivalent plus one other course
Science	20	Life Science – 10 credits Physical Science – 10 credits
Social Science	35	Social Science – 5 credits World History – 10 credits US History – 10 credits Civics – 5 credits Economics – 5 credits
Physical Education	20	Grade 9 and usually 10 (see PE information below)
Visual & Performing Arts World Language Career Technical Education	30	Credits must be in <i>at least</i> 2 out of 3 categories
Health Education	5	Additional requirements to earn a diploma: Completion of Algebra I PE Requirement Fitnessgram
Electives	70	
Total Credits Required For Graduation	240	State law requires students to take two years of physical education (PE) classes in order to graduate from high school. District policy states that all freshmen must enroll in a PE course. All freshmen are also required to take the California Physical Fitness Test, or FITNESSGRAM, in order to fulfill high school physical education requirements. The assessment is given at least once a year in the spring. Students have alternatives and options available after the freshman year in order to meet or reduce the PE requirement. A maximum of ten credits of PE may be waived. Students can receive additional information about each of the alternatives and options from their high school counselors.

[Post High School Planning-College and Career Guide: Graduation and UC/CSU Entrance Requirements & 4 Year Plan](#)

NON-LVJUSD COURSES: CREDITS AND HIGH SCHOOL TRANSCRIPTS

Students may choose to take a non-district course for remediation, advancement, augmentation or enrichment. It is the responsibility of the student to ensure that the course and institution is [WASC accredited](#), [UC/CSU approved](#) (strongly recommended) and will provide an official transcript upon completion of the course. Common programs include: BYU, Apex Learning Virtual School, Quarry Lane and Community Colleges.

REMEDIATION

Students may choose to take a NDC to earn a higher grade for a course in which a D or F was originally earned. All courses taken for remediation must be from a WASC accredited, transcript bearing institution.

- Students who received a D or F may enroll in an equivalent NDC for high school credit. Both the original LVJUSD grade as well as the remediated NDC grade listed under the institution's name will appear on the LVJUSD transcript
- All courses taken through LVJUSD summer school or academic prep through online recovery programs are listed on the LVJUSD transcript. LVJUSD summer school is for recovering F grades
- Courses will be included in both the high school GPA and graduation requirements
- Transcript is required for verification of the completed course

ADVANCEMENT

Students who wish to advance into a higher-level course in the following academic year can take a NDC from a WASC accredited, A-G approved transcript bearing institution as long as the student adheres to the following policies and procedures:

- Grade of "C-" or better in the course is required to advance to the next level in accordance with current high school advancement policy
- Course will be added onto the LVJUSD high school transcript under the grade issuing institution's name
- Course will be excluded from the high school GPA and graduation requirements
- Students can only advance one level per subject provided that graduation requirements are met
- An official transcript is required for verification of the completed course
- Prior to enrollment in the course, students must contact their assigned school counselor

AUGMENTATION

Students have the opportunity to enroll in a non-district World Language courses not offered at an LVJUSD school according to the following guidelines:

- Course will be added to the LVJUSD high school transcript under the grade issuing institution's name
- Course will be included in both the high school GPA and graduation requirements for World Language
- The maximum number of NDC credits that may be counted toward graduation requirements is 20 during grades 9-12
- The course and/or outside institution you choose may not be accepted by the UC/CSU system, private colleges and universities, out-of-state institutions, or NCAA as fulfilling their entrance requirements. It is the student's responsibility to check with an admissions officer from each campus that you intend to apply to to ensure the course will be accepted

ENRICHMENT

All courses taken for personal interest will not be added to the student's transcript and the course and credits awarded will not count towards graduation requirements.

ENROLLMENT PROCESS

- Step 1: Discuss your remediation, advancement, or enrichment plan with your high school counselor [Sample List of Approved Outside Institutions of Non-District Courses](#)
- Step 2: Complete the Course Plan Agreement Form with your counselor
- Step 3: Upon completion of the course, submit an official transcript to the Registrar at the school site. If the institution offers an email option to send it directly to your School Counselor; this is acceptable and will be considered an official copy. Transcripts emailed from a student or parent will not be accepted.

COURSE REGISTRATION GUIDE 2023-2024

Beginning on Wednesday, March 15 students will login to the Student/Parent portal in PowerSchool to register for classes for the upcoming school year. The deadline for students to register for courses online is April 14, 2023. The registration process is not first come first serve and students can make changes to course selections anytime during the course registration window. Any changes requested after April 14th will need to be submitted to the Counseling Office.

REGISTRATION PROCESS

STEP 1: LOG INTO POWERSCHOOL STUDENT PORTAL

Login to your PowerSchool student portal using your LVJUSD/Schoology username and password.

<https://ps.lvjUSD.k12.ca.us/public/>

Current LVJUSD Students

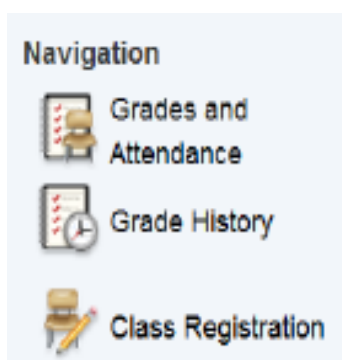
- Username: LVJUSD/Schoology username (Do not include @lvjUSD.org)
- Password: LVJUSD/Schoology password

New LVJUSD Students

- Username: First name and first three letters of last name (John.Smi)
- Password: Student ID number with a leading zero (provided by Registrar)

STEP 2: SELECT COURSE REGISTRATION

On the left side-bar, locate and click on Class Registration. A set of course selection boxes should appear.



STEP 3: COURSE SELECTION

Using the course selection worksheet as a guide, you will now select the courses that fulfill your schedule requirements for the coming academic year. Grade specific video tutorials walking students through the registration process can be found on our EXPO Central.

→ Click the pencil icon in each Course Group to make selections for that category

A screenshot of the PowerSchool course selection interface. It shows two sections: 'Math' and 'Freshman Required Courses'. The 'Math' section has a header 'Math' and a sub-header 'Click the edit button to request a course' with a pencil icon. The text below says 'Math is required for freshmen. You may enroll in a 3-trimester math sequence or a 2-trimester math sequence. Please choose the courses you need.' and 'Number of requests to generate : 1'. The 'Freshman Required Courses' section has a header 'Freshman Required Courses' and a sub-header 'All freshmen are required to enroll in PE 1A, PE 1B, and F.I.T. These courses have been selected for you.' and 'Number of requests to generate : 1'. Both sections have a pencil icon and a green checkmark icon in the top right corner.

- Select the check box(es) that represents your course(s) and click the “Okay” button in the lower right corner when you are done. Continue selecting your other courses.

Math

You may enroll in a 3-trimester math sequence or a 2-trimester math sequence. Please indicate the courses you need. Refer to the catalog for details.

	Course Name	Number	Course Description	Credits	Prerequisite Note	Alerts
<input checked="" type="checkbox"/>	Alg 1A (P)	20037		5		
<input checked="" type="checkbox"/>	Alg 1B (P)	20038		5		
<input type="checkbox"/>	Alg II A (P)	20173		5		
<input type="checkbox"/>	Alg II B (P)	20174		5		
<input type="checkbox"/>	Algebra I A (P)	20080		5	Must choose Intro Algebra I and Algebra I B as well	
<input type="checkbox"/>	Algebra I B (P)	20090		5	Must choose Intro Algebra I and Algebra I A as well	
<input type="checkbox"/>	Algebra II A (P)	20160		5	Must choose Intro Algebra II and Algebra II B as well	
<input type="checkbox"/>	Algebra II B (P)	20170		5	Must choose Intro Algebra II and Algebra II A as well	
<input type="checkbox"/>	AP Calculus AB A (P)	20221		5		
<input type="checkbox"/>	AP Calculus AB B (P)	20222		5		

<< first < prev

1 2 3 4 5

next > last >>

✓ Select between 1 and 5 courses. You have selected 2 course(s).

Cancel

Okay

STEP 4: FINALIZING COURSE SELECTION

When you are finished selecting your courses from all of the Course Groups, you should see Green Check Marks (instead of RED exclamation points) to the right of the pencil icons. This indicates that you have successfully completed each Course Group. **To complete your registration, be certain to click the SUBMIT button on the lower right hand corner of the registration screen.**

REGISTRATION HELP: RESOURCES AND TUTORIALS

Submitted course selections are not finalized until after the April 14th deadline so students have the ability to change course selections during the registration window if needed. Please choose courses carefully. Transcripts, prerequisites, and the student’s four-year plan should be reviewed prior to final selection.

9th Grade (Class of 2027)	Course Registration Worksheet & Video Tutorial
10th Grade (Class of 2026)	Course Registration Worksheet & Video Tutorial
11th Grade (Class of 2025)	Course Registration Worksheet & Video Tutorial
12th Grade (Class of 2024)	Course Registration Worksheet & Video Tutorial
<i>Registration Timeline</i>	
MARCH	March 15: GHS Course Expo and Orientation Evening 5:00 - 7:00 PM March 15 - April 14: Course Registration Window Open to Students <i>Expo Information and Course Registration Materials Can be found at</i> https://www.livermoreschools.org/domain/2464
APRIL - JUNE	Counselors meet with Students to review course selections <i>Any changes to course selections need to be submitted to Counseling Office</i>
JUNE - AUGUST	Master Schedule is built based on requests and student schedules are built
AUGUST	August 14-16: Matador Days August 14-18: Students may submit schedule changes August 21: First Day of School

Online Course Registration will be available March 15, 2023 - April 14, 2023

PROGRAMS

<ul style="list-style-type: none"> → Advanced Placement (AP) → Career Technical Education (CTE) → Dual Immersion (DI) → English Language Development (ELD) → Honors (H) → International Baccalaureate Programme (IB) 	<ul style="list-style-type: none"> → IB Middle Years Programme (MYP) → Project Lead the Way (PLTW) → Regional Occupational Program (ROP) → UC/CSU College Prep Course (P) → Special Education: Resource (SPED) → Special Education: Special Day Class (SDC) → Special Education: Transition Program (Mocho)
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ADVANCED PLACEMENT COURSES (AP)

Advanced Placement courses are college level classes taught on a high school campus. AP courses will carry a weighted grade point on students' transcripts of A=5 points, B=4 points, C=3 points. For each AP course taken, students are encouraged to sit for the standardized AP exam given worldwide in May of each year. Receiving college credit for a passing grade on the AP exam will depend on the college attended and/or the major selected.

CAREER AND TECHNICAL EDUCATION (CTE)

Career Technical Education (CTE) is a program of study that involves a multiyear sequence of courses that integrate core academic knowledge with technical and occupational knowledge to provide students with a pathway to post-secondary education and careers. CTE pathways are organized into specific industry sectors that allow students to experience real world, hands-on learning in high-demand career fields. CTE pathways enable students to thrive in independent and collaborative work environments while helping them develop the personal and professional competencies they will need to be successful in their post-secondary education and future career. The Career and Technical Education Department at Granada High School provides students specialized pathways in the following areas:

- Industrial Technology & Engineering Design
- Computer Science and Information Technology
- Business, Finance and Marketing
- Culinary
- Education, Child Development and Family Services
- Health Science and Medical Technology
- Arts, Media and Entertainment
- Public Service
- Transportation

DUAL IMMERSION (DI)

Granada's Spanish Dual Immersion Program is geared towards students who want to develop fluency in Spanish and English and for those students who are entering Granada from a Dual Immersion K-8 program. Concurrent studies in Spanish and English, along with core academic courses taught in both languages, will prepare students to earn the State Seal of Biliteracy. Dual Immersion courses for freshmen in 2023-2024 include: Spanish for Native Speakers 1, Algebra 1 (in Spanish), Computer Applications (in Spanish), and Geometry, along with courses taught in English.

ENGLISH LANGUAGE DEVELOPMENT (ELD)

Granada High School is committed to providing an English Learner Program, which assures all children equal educational opportunities. English Language Development is a series of levels in language acquisition designed to teach students who are speakers of another language to become fluent in English. The levels cover a range of language skills from non-English speaking to near fluency in speaking, listening, reading and writing English. English Learners receive language instruction appropriate to their individual needs as determined by the English Language Proficiency Assessments for California (ELPAC) and other state and district approved measures. ELD courses follow the California English Language Development standards and are aligned with the California Content Standards for English Language Arts.

HONORS COURSES (H)

Granada High School offers various honors courses in multiple subject areas. These courses offer increased depth and breadth in the given subject. Specific information on each course is in the course descriptions and are designated with (H) in the course title.

INTERNATIONAL BACCALAUREATE MYP AND DIPLOMA PROGRAMME (MYP)(IB)

See page 13 for more information regarding the Middle Years Programme and the application process as well as page 14 for the diploma programme available to students who are interested in graduating with a IB diploma.

PROJECT LEAD THE WAY (PLTW)

Project Lead the Way provides a transformative learning experience for Granada High School students by offering an engaging, hands-on classroom environment that empowers students to apply their knowledge to solve real-world challenges and inspire them to reimagine how they see themselves. With pathways in computer science, engineering, and biomedical science, students not only learn technical skills, but also learn to solve problems, think critically and creatively, communicate, and collaborate. Some of Granada's PLTW courses are articulated with the Regional Occupational Program (ROP).

REGIONAL OCCUPATIONAL PROGRAM (ROP)

Tri-Valley Regional Occupational Program (ROP) offers career-technical classes to high school juniors and seniors. ROP provides elective courses that satisfy A-G requirements for UC and CSU, college credit through partnerships with local community colleges, preparation for college and careers through rigorous and relevant instruction, hands-on learning and internships, and instruction by industry professionals. See page 66 for more information regarding the ROP program.

UC/CSU COLLEGE PREPARATORY COURSES (P)

Granada offers a variety of preparatory and non-college preparatory courses. In this program guide, course descriptions for college preparatory courses include statements under the title that indicate which UC/CSU A-G requirement the course fulfills. Non-college preparatory courses do not have a (P) after the title on the student schedule or on the student transcript and do not count toward eligibility requirements for UC/CSU; however, every class earns a grade and course credits toward LVJUSD graduation requirements.

SPECIAL EDUCATION PROGRAM (SPED)

Special Education programs are available for eligible students with a current Individual Education Program (IEP). A continuum of services and classes are available based on individualized goals and services as outlined in the student's IEP. Some Special Education services offered at Granada include our Resource, SDC Mild/Moderate and Moderate/Severe programs as well as our Adult Transition Program.

SPECIAL EDUCATION ADULT TRANSITION PROGRAM (LAWRENCE)

Granada's Adult Transition Program is a program that is designed to provide ongoing educational support for students, ages 18-22. These students have been identified with moderate to severe disabilities that will gain educational benefit from continued support in functional academics; vocational, independent living, communication, transition skills and personal finance. Our Transition program is held off-site at Lawrence School.



INTERNATIONAL BACCALAUREATE MIDDLE YEARS PROGRAMME (MYP)

Granada is excited to be able to offer a full IB Middle Years Programme to our ninth and tenth grade students. The IB MYB is a framework of courses that encourages students to make practical connections between their studies and the real world in a cohesive and rigorous program that emphasizes relevance, international-mindedness, and appropriate levels of rigor. Granada is currently in the candidacy phase for MYP authorization.

PROGRAM PRINCIPLES

Granada's MYP is designed around the following principles:

- Offer an IB-authorized, fully realized Middle Years Programme upon IB authorization
- Provide students with multiple levels of rigor
- Prepare students to meet the qualifications for 4-year college acceptance
- Emphasize the relevance and cohesion of the program by utilizing cohort classes

COHORT PATHWAYS

Grades 9 and 10 of the IB Middle Years Programme will contain a Standard Path cohort and an Advanced Path cohort. Students must take all the courses in the path in order to take part in the cohort, and a student must qualify for all classes within the advanced path in order to take that path. *Contact Mr. Cariveau if you wish to take a higher level of Math or Spanish in MYP 9th grade. Requests will depend on scheduling and staffing

IB Subject	9th Grade Standard Path	9th Grade Advanced Path
Mathematics Individuals and Societies Language and Literature Sciences Physical and Health Education Language Acquisition* Arts	Algebra 1A/B Social Sciences 9A/B English 9A/B Conceptual Physics A/B PE 1A/B Spanish 1A/B or Spanish 2A/B Art 1 or Orchestra Freshmen in Transition (FIT) Health	Geometry A/B* Social Science 9 Honors A/B English Honors A/B Biology A/B PE 1A/B Spanish 1A/B or Spanish 2A/B Art 1 or Orchestra Freshmen in Transition (FIT) Health
IB Subject	10th Grade Standard Path	10th Grade Advanced Path
Mathematics Individuals and Societies Language and Literature Sciences Physical and Health Education Language Acquisition Arts Design	Geometry A/B World History A/B English 10 A/B Biology A/B PE 2 A/B (or CIF exemption) Spanish 2A/B or Spanish 3A/B Art 2 or Orchestra Video Production Design (Optional)	Algebra II A/B World History Honors A/B English 10 Honors A/B Chemistry A/B PE 2 A/B (or CIF exemption) Spanish 2A/B or Spanish 3A/B Art 2 or Orchestra Video Production Design (Optional)

APPLICATION PROCESS

Students who wish to enter the MYP in 9th grade should go to https://www.livermoreschools.org/GHS_MYP to download, print and fill out the MYP application. All completed applications are due by **April 14, 2023** to the Career and Counseling Center. If you are interested in the IB MYP or would like more information, please contact our IB Coordinator, Jon Cariveau, at jcariveau@lvjUSD.org. For further information about the IB and its programmes visit <http://www.ibo.org>.



INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAMME (IB)

The International Baccalaureate Diploma Programme offers an internationally recognized, rigorous curriculum focused on both breadth and depth of knowledge. Students are challenged to think critically, understand others perspectives, develop an international mindset, write and communicate effectively at a college level, and contribute to their classroom and local communities. Juniors and seniors may enroll in the full Diploma Programme or may enroll in one or more individual IB course(s). All IB courses are weighted with an extra grade point at GHS. Students who complete the IB Diploma course of study and pass the exams receive the prestigious International Baccalaureate Diploma, which is very well respected by leading national and international universities. Students who successfully complete individual IB courses and pass the course exams are also highly competitive as college applicants and may receive college credit.

BENEFITS OF IB DIPLOMA

- Distinguishes students as having successfully completed a rigorous university preparation program
- A significant advantage in college admission
- Most colleges give credit for the IB Diploma and for individual Higher Level IB courses, and some give credit for Standard Level IB courses
- Some colleges offer sophomore standing for IB Diploma students, depending on scores
- Helps with scholarships--some colleges offer guaranteed scholarships to IB Diploma students
- Check individual college websites for their IB policies

IB DIPLOMA COURSE REQUIREMENTS

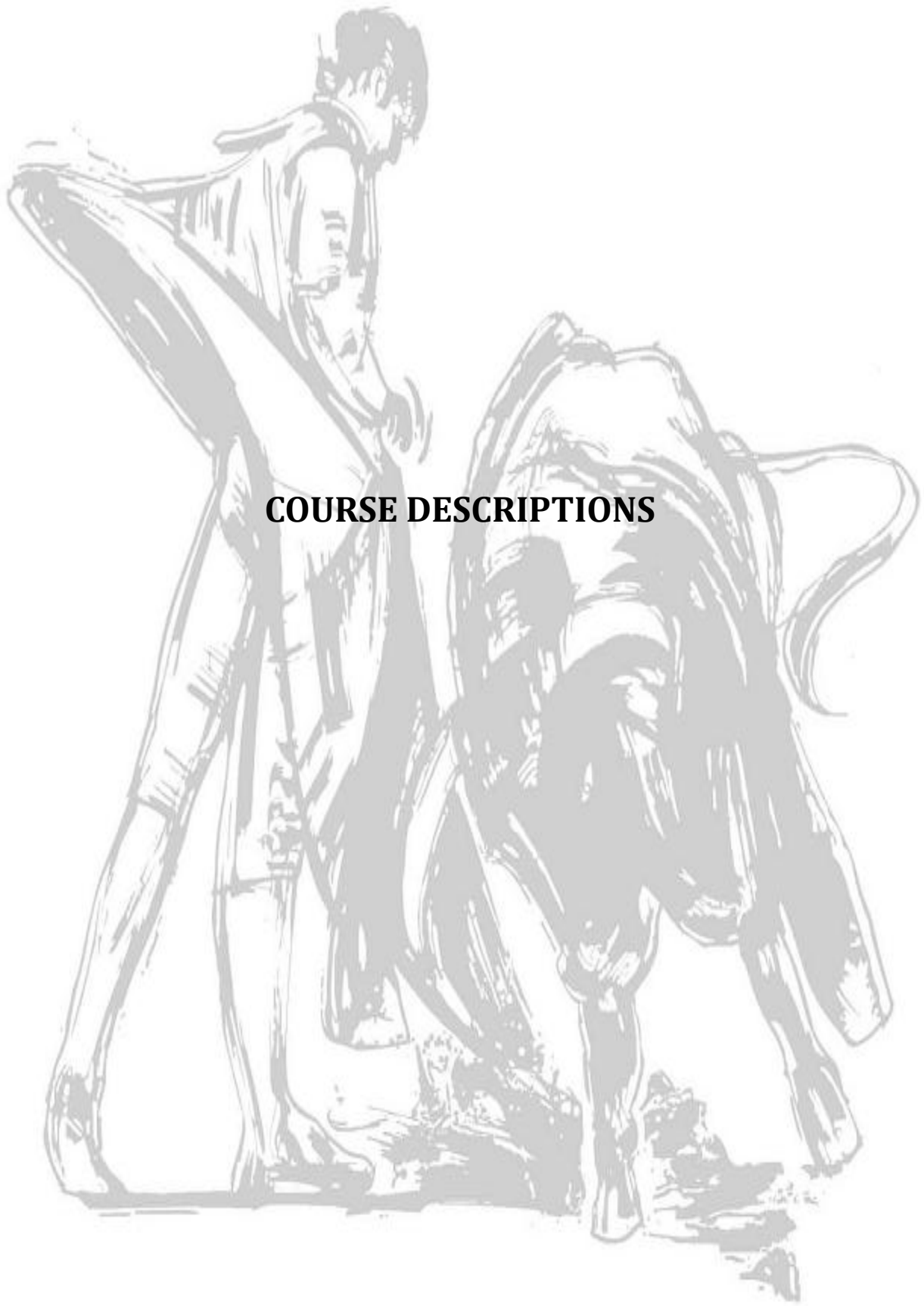
Students who intend to earn the IB Diploma will enroll in IB courses during their junior and senior years. To earn the full IB Diploma, students will need to complete all of the following:

- Three Standard Level (SL) Courses
- Three Higher Level (HL) Courses
- One course from each IB category
- Completion of Theory of Knowledge course (TOK)
- Granada Graduation Requirements

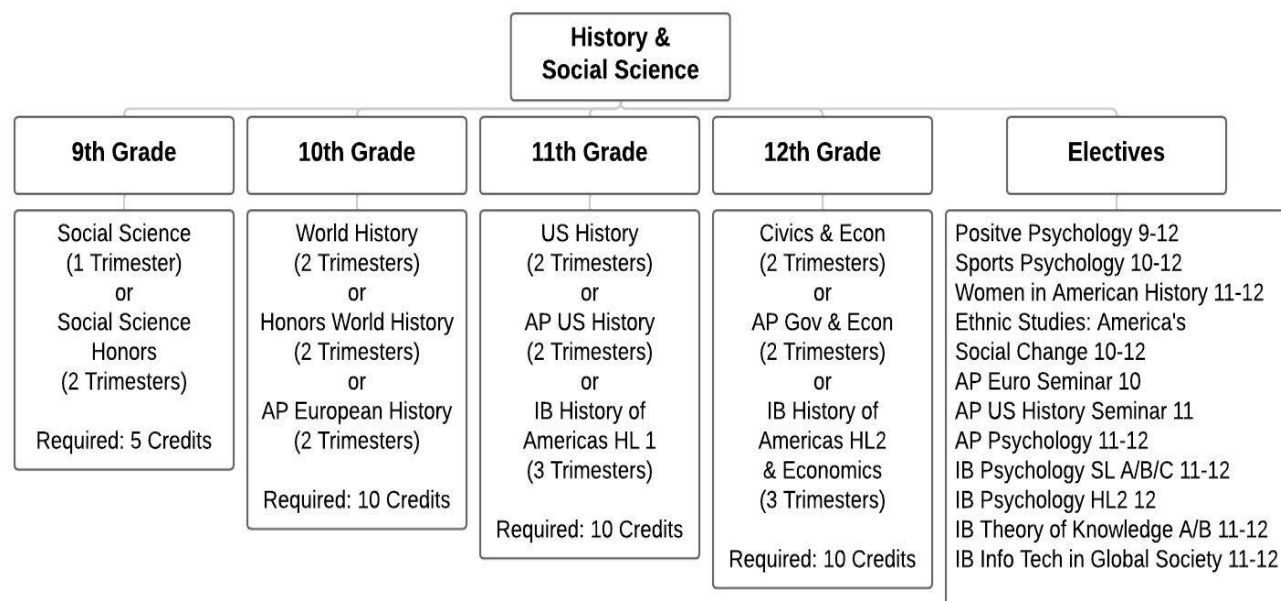
Please visit the International Baccalaureate page on our Website for more information and sample student schedules.

UC/CSU Social Science "a" (IB Individuals & Societies)	<i>IB History of the Americas HL</i>
UC/CSU English "b" (IB Language & Literature)	<i>IB Language and Literature HL</i>
UC/CSU Math "c" (IB Mathematics)	<i>IB Math Applications SL or IB Math Analysis SL/HL</i>
UC/CSU Science "d" (IB Science)	<i>Choose one: Biology HL, Chemistry SL or Physics SL</i>
UC/CSU World Language "e" (IB Language Acquisition)	<i>Choose one: Spanish (SL or HL) or French (SL or HL)</i>
UC/CSU Arts "f" (IB Arts)	<i>Choose one: Visual Arts (SL or HL), Theater (SL or HL), Music (SL or HL) or Dance (SL or HL)</i>
UC/CSU Electives "g"	<i>IB Psychology (SL or HL) IB Theory of Knowledge (TOK)</i>





HISTORY & SOCIAL SCIENCE



HISTORY CORE OPTIONS

SOCIAL SCIENCE 9A (P)

Course Code: 15010

Length: 1 Trimester (5 Units)

College: UC/CSU "a" History/Social Science

Grade Level: 9

Description: Social Science 9 is required for all ninth grade students. The *National Geography Content Standards* provide a foundation for study of the physical, economic, political and cultural characteristics of areas in Latin America, Russia and Eastern Europe, the Middle East, Africa and Asia. Topics include comparisons of developed and underdeveloped areas in these geographical regions and analyzing instances of modern nation building. This course provides students with opportunities to explore human behavior through the study of the individual, groups and cultures. Reading to understand and making connections between geographic themes are essential components in this course. Students demonstrate their knowledge through written and oral reports, essays, projects and research papers using technology. Students begin a sequential reading and writing program that is articulated throughout the ninth through twelfth grade Social Science program.

HONORS SOCIAL SCIENCE 9 A/B (H)(P)

Course Codes: 15100/15110

Length: 2 Trimesters (10 Units)

College: UC/CSU "a" History/Social Science

Grade Level: 9

Description: Social Science is required for all ninth grade students. This course focuses on the same themes as the regular course and it fulfills the 5-unit freshman requirement and provides 5 units of elective credit. It is designed for the serious student with advanced thinking, reading and writing skills. The *National Geography Content Standards* provide a foundation for students of the physical, economic, and political and cultural characteristics of areas in Latin America, Russia and Eastern Europe, the Middle East, African and Asia. Topics include comparisons of developed and underdeveloped areas in these geographical regions and analyzing instances of modern nation building. Students are provided with opportunities to explore human behavior through the students of the individual, groups and cultures. Reading to understand and making connections between geographic themes are essential components in this course. Students demonstrate their knowledge through written and oral reports, essays, projects and research papers using technology. Also required is a major research paper and extensive writing.

WORLD HISTORY 10 A/B (P)

Course Codes: 15030/15040

Length: 2 Trimesters (10 Units)

College: UC/CSU "a" History/Social Science

Grade Level: 10

Description: This course is required for all tenth grade students and follows the California State Content Standards for History/Social Science. Students trace the rise of democratic ideas and the historical roots of current world issues as they pertain to international relations. Emphasis is placed on western civilizations as the source of American political institutions, laws and ideology. Students build timelines, world maps, journals and essays as they research people and events. Activities include oral presentation, collaborative research and historical interpretation, reading literature from and about the period being studied, and writing a research paper.

HONORS WORLD HISTORY 10 A/B (H)(P)

Course Codes: 15120/15130

Length: 2 Trimesters (10 Units)

College: UC/CSU "a" History/Social Science

Grade Level: 10

Description: This course is designed for the serious student and focuses on higher level thinking and writing skills and emphasizes class discussions and daily oral participation. It follows the California State Content Standards for History/Social Science. Honor students trace the rise of democratic ideas and the historical roots of current world issues as they pertain to international relations. Emphasis is placed on western civilizations as the source of American political institutions, laws and ideology. The course is designed to provide students with the analytic skills and factual knowledge necessary to deal with the problems and issues in World History. The text and many advanced placement research exercises are supplemented with outside reading. Writing includes a formal research paper and testing in an essay format.

AP EUROPEAN HISTORY A/B (AP)(P)

Satisfies the requirements of World History

Course Codes: 15145/15155

Length: 2 Trimesters (10 Units)

Prerequisite: Passing grade or better in Social Science 9 course

College: UC/CSU "a" History/Social Science

Grade Level: 10

Description: AP European History introduces students to European history since AD 1300, emphasizing the cultural, economic, political, and social developments that played a fundamental role in shaping the world in which we live. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop: (a) an understanding of some of the principal themes in modern European history; (b) the ability to analyze historical evidence and historical interpretation; and (c) the ability to express historical understanding in writing. Upon completion of the course, students will be prepared to take the AP European History Exam. Students will develop the following history reasoning skills throughout the class: contextualization, comparison, causation, continuity, and change over time.

U.S. HISTORY 11 A/B (P)

Course Codes: 15050/15060

Length: 2 Trimesters (10 Units)

College: UC/CSU "a" History/Social Science

Grade Level: 11

Description: This required course for students in grade eleven follows the California State Content Standards for History/Social Science. Students study the major turning points in American history in the 20th Century. Topics include technology and a corporate economy, the change in the ethnic composition of American society, the movement toward equal rights, the role of the United States as a major world power, the expanding role of the federal government and federal court, and the continuing tension between the individual and the state. Students consider the major social problems of our time and trace their causes in historical events. Students experience a wide variety of "hands-on" and active learning strategies. Writing requirements include a persuasive essay and a research paper.

AP U.S. HISTORY 11 A/B (AP)(P)

Course Codes: 15160/15170

Length: 2 Trimesters (10 Units)

Prerequisite: "B" or better in previous Social Science course or teacher consent

College: UC/CSU "a" History/Social Science

Grade Level: 11

Description: The AP United States History course is designed to provide students with the historical thinking skills necessary to analyze concepts and themes within United States History beginning in the theoretical 1491 (prior to European conquest) to the present. The course prepares students for success in the AP US History exam and college courses as it introduces students to the analytical and research skills used in History courses at the college level. Specific events in United States history are used to support the instruction of concepts and themes according to the mandated course objectives provided by the College Board.

SEMINAR AP U.S. HISTORY

Course Code: 15171

Length: 1 Trimester (5 Units)

Prerequisite: Completion of AP U.S. History 11 A/B

Grade Level: 11

Description: This course will provide students with extensive practice for the AP exam offered in May, as well as additional exploration of topics in United States history. AP exams are optional and not included in the course requirements.

ECONOMICS (P)

Course Code: 15080

Length: 1 Trimester (5 Units)

College: UC/CSU "g" Elective

Grade Level: 12

Description: Students will master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. This course follows the California State Content Standards for History/Social Science. Students analyze the elements of the United States market economy in a global setting, the influence of the U.S. government on the American economy and the elements of the United States labor market. Students explore the principles of micro and macroeconomics, international economics, comparative economic systems, measurements and methods. Reading requirements include newspapers and periodicals related to current economic and business activities. The writing requirement includes a creative writing project and presentation.

CIVICS (P)

Course Code: 15070

Length: 1 Trimesters (5 Units)

College: UC/CSU "a" History/Social Science

Grade Level: 12

Description: This course is required for all seniors and follows the California State Content Standards for History/Social Science for grade twelve "Principles of American Democracy." Students in grade twelve pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state and local governments, with particular attention paid to important historical documents such as *The Federalist*. These standards represent the culmination of civil literacy as students prepare to vote, participate in community activities and assume the responsibilities of citizenship. Reading requirements include newspapers and periodicals related to current civil issues. Writing requirements include a research paper.

AP U.S. GOVERNMENT AND POLITICS (AP)(P)

Course Code: 15080

Length: 1 Trimester (5 Units)

Prerequisite: Passing grade in US History or approval of instructor

College: UC/CSU "a" History/Social Science

Grade Level: 12

Description: The Advanced Placement (AP) United States Government and Politics course provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States (U.S.). Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

IB HISTORY OF THE AMERICAS HL 1 (IB)(P)

Year one of a two year course sequence

Course Codes: 15175/15176

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of World History or Honors World History or AP European History with a "C" or better

College: UC/CSU "a" History/Social Science

Grade Level: 11

IB HISTORY OF THE AMERICAS HL 2 (IB)(P)

Year two of a two year course sequence

Course Codes: 15177/15178/15179

Length: 3 Trimesters (15 Units)

Prerequisite: Completion of IB HOA HL 1 with a "C" or better

College: UC/CSU "a" History/Social Science

Grade Level: 12

Description: IB History of the Americas HL 2 is the second course in a two-year program of advanced history studies. It combines a study of the history of the United States with a specific focus on key topics in Latin American history and international perspectives on significant events involving countries of the Americas. Major emphasis is placed on extensive reading and writing, and primary sources.

HISTORY & SOCIAL SCIENCE ELECTIVES

ETHNIC STUDIES: AMERICA'S SOCIAL CHANGE (P)

Course Code: 15390

Length: 1 Trimester (5 Units)

College: UC/CSU "a" History/Social Science

Grade Level: 10-12

Description: This course is a Social Science elective that will examine the origins, nature, challenges and achievements of civil rights and social movements in America after 1945. Causes of some of these movements may be pre-1945. These movements represented the attempts to achieve equality for groups that were not recognized or accepted as full members of society, and they challenged established authority and attitudes. Major emphasis will be placed on extensive reading, writing, and primary sources.

WOMEN IN AMERICAN HISTORY (P)

Course Code: 15400

Length: 1 Trimester (5 Units)

Prerequisite: "C" or better in US History A/B; enrollment priority to students in grades 11-12

College: UC/CSU "a" History/Social Science

Grade Level: 10-12

Description: This course will introduce students to the many talented women who played a significant role in American history, from the colonial era to the present day. This class will explore the differences in women and men's experiences throughout United States history. Students will analyze past events to better understand the development of gender roles, gender division of labor in our society, and stereotypes. Students will also explore how female leadership, voice, and influence have been employed to shape and impact the social, political, and economic status of women in our society.

POSITIVE PSYCHOLOGY (P)

Course Code: 15235

Length: 1 Trimester (5 Units)

College: UC/CSU "g" Elective

Grade Level: 9-12

Description: This is an introductory course to the field of *Positive Psychology*. *Positive Psychology* is the scientific study of human happiness, well-being, and strength of character. The following topics will be covered: defining and measuring happiness; interpreting beliefs; developing healthy self-esteem; mindfulness, focus, and appreciation; learned optimism; intrinsic versus extrinsic motivation; resilience and post-traumatic growth; perfectionism; creativity; setting goals and forming positive habits; and social support structures and healthy relationships. Students will engage in detailed analysis of these concepts and gain an understanding of the research behind them.

SPORTS PSYCHOLOGY (P)

Course Code: 15251

Length: 1 Trimester (5 Units)

Prerequisite: Grade of "B" or higher in English 9 A/B and Health

College: UC/CSU "g" Elective

Grade Level: 10-12

Description: Sports Psychology examines the key psychological aspects of athletic success, as well as investigates the universality of those precepts in achieving success in other fields. This course introduces students to the field of sport and exercise psychology by providing a broad overview of the major topics in the field. Students will explore various psychological theories and conduct research related to sport and exercise. This course will guide high school students and student athletes in creating a balance of academics, family, and sports, as well as in building a strong knowledge base for choosing a potential college or career focus in the field.

AP PSYCHOLOGY (P)

Course Code: 15245/15246

Length: 2 Timesters (10 Units)

College: UC/CSU "g" Elective

Grade Level: 11-12

Description: This course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will also learn about the methods psychologists use in their science and practice. Upon completion of the course, students will be expected to take the AP exam. This course is designed to provide students with an academic experience parallel to that of the college level.

IB PSYCHOLOGY SL (IB)(P)

Course Codes: 15300/15301/15302

Length: 3 Trimesters (15 Units)

College: UC/CSU "g" Elective

Grade Level: 11-12

Description: A systematic study of behavior and experience, the IB Psychology SL course examines the historical links of this field with other fields of inquiry. In the rapidly changing field of medical technology, modern psychology is a unique and important middle ground for both the natural and social sciences. As globalization and the use of technology increase rapidly, we find greater need for insights into how people interpret meanings, and approach health and relationships. Through addressing such complex issues, students develop a greater understanding of themselves and of others. Over the course of study, students will examine the biological, cognitive, socio-cultural, and human relationships perspectives of psychology and research methodology, culminating in an experimental study. IB psychology takes a holistic approach that fosters intercultural understanding and respect. In the core of the IB psychology course, the biological level of analysis demonstrates what all humans share, whereas the cognitive and sociocultural levels of analysis reveal the immense diversity of influences that produce human behavior and mental processes. Students explore cultural diversity and are encouraged to develop empathy for the feelings, needs, and lives of others within and outside their own culture. This empathy contributes to an international understanding.

IB PSYCHOLOGY HL 2 (IB)(P)

Course Codes: 15305/15306

Length: 2 Trimesters (10 Units)

Prerequisite: "C-" or better in IB Psychology HL 1

Grade Level: 12

Description: A systematic study of behavior and experience, this course examines the historical links of this field with other fields of inquiry. In the rapidly changing field of medical technology, modern psychology is a unique and important middle ground for both the natural and social sciences. As globalization and the use of technology increase rapidly, we find greater need for insights into how people interpret meanings, and approach health and relationships. Through addressing such complex issues, students develop a greater understanding of themselves and of others. Over the course of study, students will examine the biological, cognitive, socio-cultural, and human relationships perspectives of psychology and research methodology, culminating in an experimental study. IB psychology takes a holistic approach that fosters intercultural understanding and respect. In the core of the IB psychology course, the biological level of analysis demonstrates what all humans share, whereas the cognitive and sociocultural levels of analysis reveal the immense diversity of influences that produce human behavior and mental processes. Students explore cultural diversity and are encouraged to develop empathy for the feelings, needs, and lives of others within and outside their own culture. This empathy contributes to an international understanding. IB Psychology HL 2 course level expands on the SL course by taking a deep look at qualitative research methods.

IB THEORY OF KNOWLEDGE (IB)(P)

Course Codes: 15490/15491

Length: 2 Trimesters (10 Units)

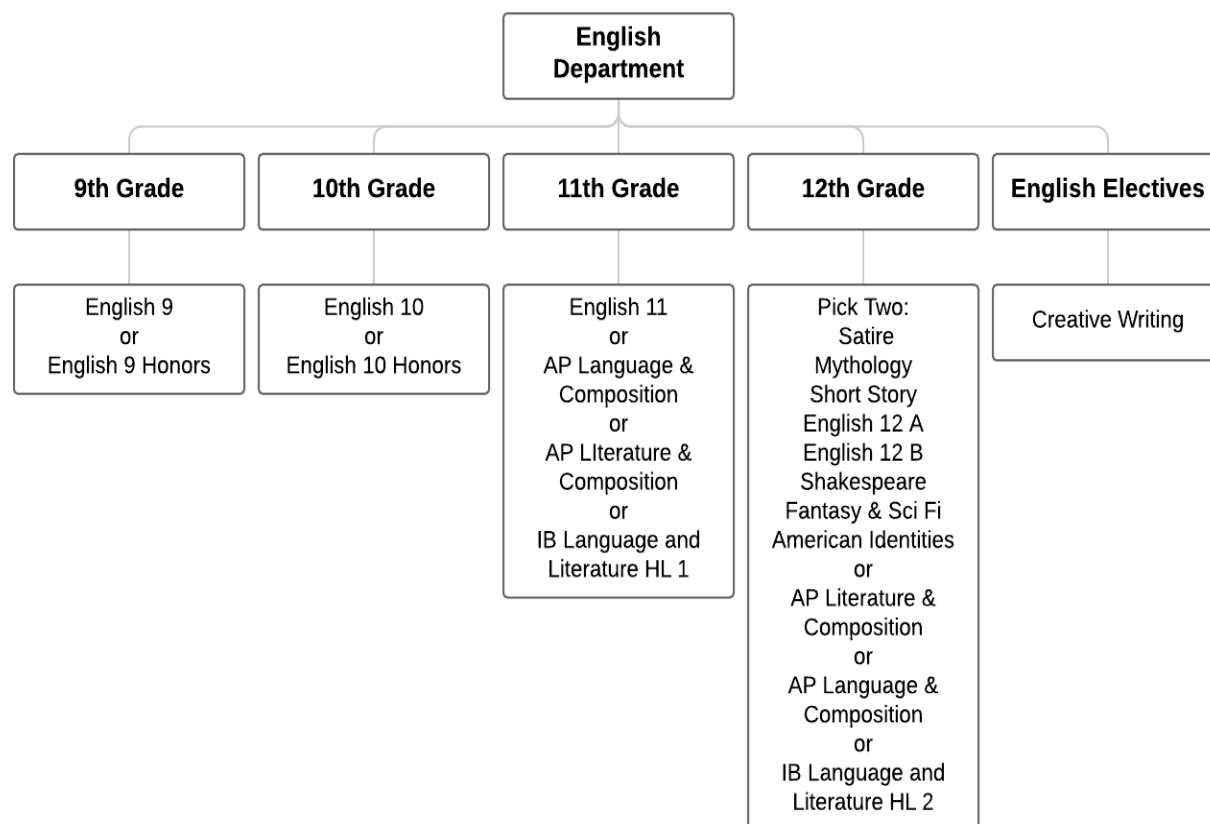
College: UC/CSU "g" Elective

Grade Level: 11-12 (A portion of the course will be taken in Grade 11, B portion in Grade 12)

Description: The TOK course provides students with an opportunity to explore and reflect on the nature of knowledge and the process of knowing. It is a required core element of the IB Diploma Programme. In TOK, students reflect on the knowledge, beliefs and opinions that they have built up from their years of academic studies and their lives outside the classroom. The course is intended to be challenging and thought-provoking, as well as empowering, for students. The goals of the TOK course are: to encourage students to reflect on the central question, "How do we know that?" and to recognize the value of asking that question; to expose students to ambiguity, uncertainty, and questions with multiple plausible answers; to equip students to effectively navigate and make sense of the world, and help prepare them to encounter novel and complex situations; to encourage students to be more aware of their own perspectives and to reflect critically on their own beliefs and assumptions; to engage students with multiple perspectives, foster open-mindedness, and develop intercultural understanding; to encourage students to make connections between academic disciplines by exploring underlying concepts and by identifying similarities and differences in the methods of inquiry used in different areas of knowledge; and to prompt students to consider the importance of values, responsibilities, and ethical concerns relating to the production, acquisition, application, and communication of knowledge.



ENGLISH



ENGLISH CORE OPTIONS

ENGLISH 9 A/B (P)

Course Codes: 10010/10020

Course Codes: 10832/10833 (ELD)

Length: 2 Trimesters (10 Units)

College: UC/CSU "B" English Requirement

Grade Level: 9

Description: Students will increase their vocabulary, improve their grammar and develop their writing skills through practice of paragraph and essay writing. They will study literature, learning how to observe carefully the setting, characters, plot, conflict and theme of short stories as well as plays and novels. They will also gain experience in using the library both for research and recreational reading, and computer use.

HONORS ENGLISH 9 A/B (P)(H)

Course Codes: 10110/10120

Length: 2 Trimesters (10 Units)

Prerequisite: "B" or better in 8th grade English course or teacher consent

College: UC/CSU "B" English Requirement

Grade Level: 9

Description: Honors English 9 requires rigorous analysis of literature, additional written composition, and more class discussion. This course is an intensive, demanding class that emphasizes advanced composition assignments and projects, including insightful essays, oral presentations, pictorial presentations, or a combination of the above that demonstrate a student's critical thinking and awareness of the authors' themes, purposes and perceptions. The student is expected to be able to apply the information gained throughout the class to any literature studied. Students are expected to participate in class discussions to encourage the development of higher-level thinking skills.

ENGLISH 10 A/B (P)

Course Codes: 10030/10040

Length: 2 Trimesters (10 Units)

College: UC/CSU "B" English Requirement

Grade Level: 10

Description: English 10 is a survey course covering reading, writing and vocabulary development. The literature will include short stories, novels, poetry and drama. Students will review sentence structure, punctuation and essay writing.

HONORS ENGLISH 10 A/B (P)(H)

Course Codes: 10130/10140

Length: 2 Trimesters (10 Units)

Prerequisite: "B" or better in 9th grade English course or teacher consent

College: UC/CSU "B" English Requirement

Grade Level: 10

Description: English 10 Honors is a course that requires rigorous analysis of literature, additional written compositions and more class discussions. This challenging course emphasizes literature, writing, grammar and vocabulary. This course will further develop skills in the analysis and understanding of world literature. Students will be able to distinguish styles and philosophies, and be able to relate them to external social and political events. They will continue to improve their verbal and mechanical skills.

ENGLISH 11 A/B (P)

Course Codes: 10050/10060

Length: 2 Trimesters (10 Units)

College: UC/CSU "B" English Requirement

Grade Level: 11

Description: Students will study American and contemporary literature. They will develop an awareness of the social and historical trends influencing our literature as well as develop an understanding of basic values, attitudes and beliefs in our literary heritage. They will also continue to improve their writing skills.

AP ENGLISH LANGUAGE AND COMPOSITION A/B (P)(AP)

Course Codes: 10035/10036

Length: 2 Trimesters (10 Units)

College: UC/CSU "B" English Requirement

Prerequisite: "B" or better in 10th grade English course or teacher consent

Grade Level: 11 - 12

Description: Advanced Placement (AP) Language and Composition engages students in becoming skilled readers of prose writing in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading will make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students will write in informal as well as formal contexts to gain authority and learn to take risks in writing. Imitation exercises, journal keeping, collaborative writing, and in-class responses will help students become increasingly aware of themselves as writers and of the techniques employed by the writers they read. Students will read in a variety of prose styles from many disciplines and historical periods to gain understanding of the connections between interpretive skill in reading and writing. This course is designed to prepare for the AP Language and Composition Exam and to provide students with an academic experience parallel to that of the college level.

AP ENGLISH LITERATURE AND COMPOSITION A/B (P)(AP)

Course Code: 10045/10046

Length: 2 Trimesters (10 Units)

Prerequisite: "B" or better in 11th grade English course or teacher consent

College: UC/CSU "B" English Requirement

Grade Level: 11-12

Description: This course focuses on extensive and intensive reading and discussing serious college-level literature. Emphasis is placed on analytical, rhetorical and critical analysis, both written and oral. Upon completion of the course, students will be prepared to take the AP Literature and Composition Exam. This course is designed to provide students with an academic experience parallel to that of the college level.

IB LANGUAGE AND LITERATURE HL 1 A/B (P)(IB)

Year one of a two year course sequence

Course Codes: 10570/10571

Length: 2 trimesters (10 units)

Prerequisite: "C" or better in English 10 or teacher consent

College: UC/CSU "B" English Requirement

Grade Level: 11

IB LANGUAGE AND LITERATURE HL 2 A/B (P)(IB)

Year two of a two year course sequence

Course Codes: 10575/10576

Length: 2 trimesters, (10 units)

Prerequisite: Successful completion of IB Language and Literature HL 1 A/B

College: UC/CSU "B" English Requirement

Grade Level: 12

Description: IB Language and Literature HL 2 is the second year of a two-year program comprised of parts: two parts focus on nonfiction texts; two parts focus on fiction texts. One of the primary goals of this course is to enable students to interpret and analyze texts independently. In support of this goal, students will learn how to identify and interpret formal elements (rhetorical, literary, and poetic devices). Assignments will require the analysis of the effects of language, context, audience, and purpose on texts, as well as the evaluation of more than one viewpoint and/or theme in a text. Ultimately, the course aims to help students through the study of a variety of texts - including articles, essays, advertisements, speeches, novels, poetry, plays, and visual art forms - to become internationally-minded individuals who are aware of the constructs of culture and are capable of expressing their thoughts clearly both orally and in writing while adhering to standard writing conventions.

SENIOR ENGLISH CORE OPTIONS

All 12th Grade students MUST complete ten units from the "core options" listed below in order to meet graduation requirements. All core options meet UC/ CSU "B" English requirements.

ENGLISH 12 A/B (P)

Course Codes: 10070/10080

Length: 2 Trimesters (10 Units)

Prerequisite: English 11

College: UC/CSU "B" English Requirement

Grade Level: 12

Description: In this course, students will continue to progress as writers and critical thinkers through the study of a variety of writing techniques, communication skills, literary genres and non-fiction texts. Students will continue to develop the skills necessary to be successful in both academics and the workplace. Students will strengthen their reading and writing skills and practice academic and vocational reading and writing, including the types of writing placement tests many universities require.

AMERICAN IDENTITIES THROUGH ETHNIC LITERATURE (P)

Course Code: 10149

Length: 1 Trimester (5 Units)

College: UC/CSU "B" English Requirement

Grade Level: 12

Description: In this course, students will explore the connections between ethnic identity, literature, and culture in the United States. Rather than focus on one tradition, we will read works by writers from various ethnic backgrounds including African American, Asian American, Latinx, and other American immigrants. Before exploring the tradition, we will learn about critical literary theories. These literary theories will provide a foundation for examining the texts. Course topics include the notion of an American identity and an ethnic identity, race and ideology, immigrant experiences, and cultural encounters with others. Students will create their own memoir pieces, write informal responses to literature, and draft, develop, and revise a formal literary analysis essay.

AP ENGLISH LANGUAGE AND COMPOSITION A/B (P)(AP)

Course Codes: 10035/10036

AP ENGLISH LITERATURE AND COMPOSITION A/B (P)(AP)

Course Codes: 10045/10046

FANTASY AND SCIENCE FICTION (P)

Course Code: 10016

Length: 1 Trimester (5 Units)

Prerequisite: English 11

College: UC/CSU "B" English Requirement

Grade Level: 12

Description: This course is designed for students who love to read these genres of literature. Students will study the history of science fiction and read representative authors. Students will also study the evolution of fantasy literature from fairy tales and mythology to the genre's present form. Students will conduct independent research and present their findings to the class. Students will also use a wide variety of technological tools in writing papers, developing projects, and creating presentations.

MYTHOLOGY (P)

Course Code: 10143

Length: 1 Trimester (5 Units)

Prerequisite: English 11

College: UC/CSU "B" English Requirement

Grade Level: 12

Description: This class studies Greco-Roman, Norse and Native American mythology and applies those archetypes to universal and contemporary human experiences. Students will study epic, episodic and philosophical forms of literature and will write essay and narrative pieces.

SATIRE (P)

Course Code: 10320

Length: 1 Trimester (5 Units)

Prerequisite: English 11

College: UC/CSU "b" English Requirement

Grade Level: 12

Description: This course examines satirical literature as a particular genre. Students study satirical literature from three centuries of writings. As they learn about satire, students gain useful experience in critical reading, critical and philosophical thinking and analytical writing. Students must be able to read college-level works of literature. They will produce major papers, a final project and a final paper.

SHAKESPEARE (P)

Course Code: 10141

Length: 1 Trimester (5 Units)

Prerequisite: English 11

College: UC/CSU "B" English Requirement

Grade Level: 12

Description: Students will study Shakespearean plays, sonnets and the life and times of Shakespeare himself. Students will also produce major papers that will reflect their understanding of the significant ideas and themes in Shakespeare's literature. Othello, Twelfth Night, The Merchant of Venice, King Lear, Richard II, The Tempest and The Comedy of Errors are among the titles that will be covered in this class. Activities will include reader's theatre, dramatic readings, stage direction, recreation of scenes in diverse genres, and research projects.

SHORT STORY (P)

Course Code: 10370

Length: 1 Trimester (5 Units)

Prerequisite: English 11

College: UC/CSU "B" English Requirement

Grade Level: 12

Description: This elective course emphasizes and unites both analytical and creative aspects of the short story. Students focus on the short story and experience writing as a process. The analytic skills are developed through the analysis of short stories and the writing of essays; whereas the creative skills are developed through exercises, short writes, dialogues, etc., that enable the student to model the process of professional writers. Such exercises also enable students to move into, through and beyond the literature and grapple with major themes and ideas. Assignments foster critical thinking and develop creative skills.

ENGLISH ELECTIVES OPTIONS

CREATIVE WRITING (P)

Course Code: 10360

Length: 1 Trimester (5 Units)

Prerequisite: English 11

College: UC/CSU "G" Elective Requirement

Grade Level: 12

Description: This elective course is student-centered, offering opportunities for students to pursue specific personal writing goals, journal writing, creative writing, etc. Students will have opportunities to explore related areas such as word processing and electronic publishing. Students will also explore methods of writing different genres of literature including the short story, the poem, the play, and personal narrative. Students will study rhetorical techniques such as parallelism, figures of speech, allusion, symbolism and imagery. Students will become critics of writing through the study of various authors, in both literary texts and instructional writing texts. Students will participate in peer review activities.

JOURNALISM A/B (P)

Course Codes: 10510/10520/10521

Length: 3 Trimesters (15 units)

College: UC/CSU "G" Elective Requirement

Grade Level: 9-12

Description: This elective course teaches the academic side of journalism and students use those learned skills to produce a school magazine/newspaper. Students practice all aspects of journalism through hands-on experience and a study of journalism-related literature. Research and analytical skills, process writing in a variety of genres, and interview skills are strongly emphasized to prepare students for career paths and for study at the college level.

ENGLISH LANGUAGE DEVELOPMENT (ELD)

English Learners receive language instruction appropriate to their individual needs as determined by the English Language Proficiency Assessments for California (ELPAC) and other state and district approved measures.

ELD SUPPORT

Course Codes: 86995/86996/86997

Length: 3 Trimesters (15 Units)

Grade Level: 9-12

Description: The ELD Support course will assist English Learners with grade-level coursework by providing instructional support in their core classes to help them improve their English Language skill.

ENGLISH 9 A/B ELD (P)

Course Codes: 10832/10833

Length: 2 Trimesters (10 Units)

College: UC/CSU "B" English Requirement

Grade Level: 9

ENGLISH 10 A/B ELD (P)

Course Codes: 10834/10835

Length: 2 Trimesters (10 Units)

College: UC/CSU "B" English Requirement

Grade Level: 10

ENGLISH 11 A/B ELD (P)

Course Codes: 10836/10837

Length: 2 Trimesters (10 Units)

College: UC/CSU "B" English Requirement

Grade Level: 11

ENGLISH 12 A/B ELD (P)

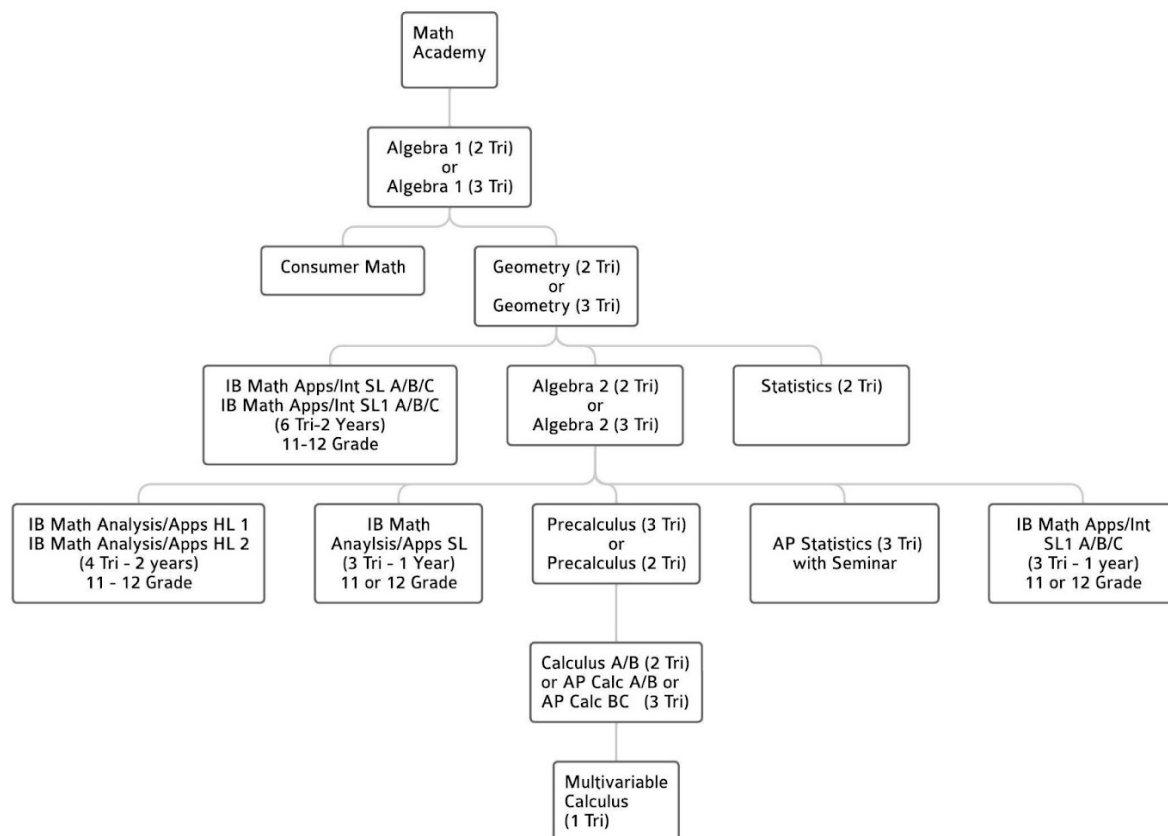
Course Codes: 10838/10839

Length: 2 Trimesters (10 Units)

College: UC/CSU "B" English Requirement

Grade Level: 12

MATHEMATICS



MATH CORE OPTIONS

INTRO TO ALGEBRA I / ALGEBRA I A (P) / ALGEBRA I B (P)

Three Trimester Sequence; Intro to Algebra meets GHS Math elective requirement only

Course Codes: 20075/20080/20090

Length: 3 Trimesters (15 Units)

College: UC/CSU “c” Mathematics Requirement

ALG I A/B (P)

Two trimester Sequence

Course Codes: 20037/20038

Length: 2 Trimesters (10 Units)

College: UC/CSU “c” Mathematics Requirement

Description: This course is intended to give students access to experiences that will help them learn the big ideas in Algebra, and to demonstrate mastery of the inherent mathematical concepts. These concepts will include studies in linear, exponential, and quadratic functions, systems of linear equations and inequalities, and basic statistics. Students will learn concepts through a variety of activities and will have the opportunity to be assessed for mastery in a variety of ways.

CONSUMER MATH A/B (P)

Course Codes: 20681/20691

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of Algebra I

College: UC/CSU “g” Elective Requirement

Description: This course is designed to provide students with the ability to further their math skills by applying them to life applications such as budgeting money, calculating earnings, taxes, credit cards, loans, etc. Students will learn how to communicate ideas in a variety of settings, as well as employ problem-solving skills effectively. They will demonstrate critical thinking skills to real-life projects that show a high degree of relevance to becoming an adult consumer in the near future.

INTRO TO GEOMETRY/GEOMETRY A (P)/GEOMETRY B (P)

Three Trimester Sequence; Intro to Geometry meets GHS Math elective requirement only

Course Codes: 20115/20120/20130

Length: 3 Trimesters (15 Units)

Prerequisite: Completion of Algebra I

College: UC/CSU "c" Mathematics Requirement

GEOM A/B (P)

Two trimester Sequence

Course Codes: 20120/20131

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of Algebra I

College: UC/CSU "c" Mathematics Requirement

Description: Geometry introduces geometric reasoning with an emphasis on deductive reasoning, algebraic algorithms, logic, problem-solving techniques, and writing proofs. Topics include: angles, triangles, polygons, parallel lines and planes, congruence and similarity, right triangles, circles, coordinate geometry, areas of polygons and circles, surface areas and volumes of solids, transformations, constructions, various types of proofs (two column, flow chart, paragraph, indirect), and probability.

ALG II A/B (P)

Two trimester Sequence

Course Codes: 20173/ 20174

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of Algebra I with a grade of "C" or better

College: UC/CSU "c" Mathematics Requirement

Description: Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include logarithmic, polynomial, rational, and radical functions in the Algebra II course. Students work closely with the expressions that define the functions, are facile with algebraic manipulations of expressions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. For the Algebra II course, instructional time will focus on four critical areas: (1) relate arithmetic of rational expressions to arithmetic of rational numbers; (2) expand understandings of functions and graphing to include trigonometric functions; (3) synthesize and generalize functions and extend understanding of exponential functions to logarithmic functions; and (4) relate data display and summary statistics to probability and explore a variety of data collection methods.

STATISTICS A/B (P)

Course Codes: 20255/20256

Length: 2 Trimesters (10 Units)

College: UC/CSU "c" Mathematics Requirement

Description: Students will be introduced to the study of statistics in a wide variety of areas. Topics discussed include displaying and describing data, the normal curve, regression, probability, statistical inference, confidence intervals, and hypothesis tests with applications in the real world. This course covers the four themes of introductory statistics: producing data, analyzing data, probability, and inference. Students will develop a basic understanding of statistics that will prepare them to solve problems that involve collecting and analyzing meaningful data. This includes the study of measures of central tendency, measures of variation, graphical representation of data, least squares regression, correlation, probability distributions, sampling techniques, parameter estimation, and hypothesis testing. Technology and statistical literacy will be integrated throughout the course.

AP STATISTICS A/B (AP)(P)

Course Code: 20260 / 20270

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of Algebra II with "C" or better

College: UC/CSU "c" Mathematics Requirement

Description: The purpose of this Advanced Placement Statistics course is to introduce students to the major concepts and tools for collecting and analyzing data, and drawing conclusions. There are four conceptual themes in the course: exploring data, planning a study, anticipating patterns and statistical inference. Students will learn to use graphical and numerical techniques to study univariate and bivariate data; conduct surveys and experiments to collect data; use probabilities and distributions to study data; and employ confidence intervals, t-distributions, and tests of significance to study statistical models. This course is designed to provide students with an academic experience parallel to that of the college level. Upon completion of the course, students will be expected to take the Advanced Placement Statistics Exam.

SEMINAR FOR AP STATISTICS

Course Code: 20271

Length: 1 Trimester (5 Units)

Prerequisite: AP Statistics

Description: Students will learn additional topics and get practice in advanced statistical concepts and applications, including practice in creating and administering surveys. This will help students prepare for the AP Statistics exam in May.

TRIGONOMETRY (P)

Course Code: 20181

Length: 1 Trimester (5 Units)

Prerequisite: Completion of Algebra II with a grade of "C" or better

College: UC/CSU "c" Mathematics Requirement

Description: Trigonometry is a one trimester-long study of basic trigonometry. The scope of the course will include all elements of the foundational triangle trigonometry functions with an emphasis towards modeling and applications. There will be an in-depth study of the unit circle in both degrees and radian measurement. Graphs of all six trigonometric functions and their inverses will be studied, as well as developing, solving, and verifying trigonometric identities. Additionally, a deeper understanding of expanded topics of trigonometry, conic sections, logarithms, exponential functions, and complex numbers will be developed.

PRECALCULUS A/B (P)

Two trimester Sequence

Course Codes: 20200/20210

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of Geometry and Algebra II with a grade of "C" or better

College: UC/CSU "c" Mathematics Requirement

Description: This course provides a thorough study of the trigonometric functions (inverse and applications), advanced algebraic expressions, equations, inequalities, matrices, conics (with translations), complete analysis of polynomial, rational, logarithmic, and exponential functions including graphics calculator applications, vectors, polar coordinates, sequences, series, summation, and a brief introduction to complex numbers and limits. Graphing calculators will be used in conjunction with the curriculum.

CALCULUS A/B (P)

Course Codes: 20215/ 20216

Length: 2 Trimesters (10 Units)

Prerequisite: Precalculus, "C" or better

College: UC/CSU "c" Mathematics Requirement

Description: This course is for students who have successfully completed Precalculus and do not wish to enroll in an AP-level course for exposure to Calculus. It will provide a review of functions including trigonometric, exponential, and logarithmic. An introduction to limits and continuity, difference quotients, the derivative, and the definite integral will be provided, as well as techniques and applications of differentiation and integration. This class offers continuity of the rigors of advanced math, as well as a more solid base from which to enter college-level Calculus.

AP CALCULUS AB (AP)(P)

Course Codes: 20221 / 20222

Length: 2 Trimesters (10 units)

Prerequisite: "C" or better in Precalculus

College: UC/CSU "c" Mathematics Requirement

Grade Level: 11 - 12

Description: This course requires students to draw from the skills and knowledge from previous Math courses. Calculus is the study of change. Using geometrical, numerical and analytical methods, we will study how things change. During this study we will focus on both differential and integral calculus. The course is taught in a "workshop" style where students often work on the whiteboards in small groups to solve problems. Math labs are used to illustrate key applications. Calculus AB is recommended for college-bound students who plan to major in science, engineering, economics, business or mathematics. Students who take the course will cover one semester of college Calculus.

AP CALCULUS BC (AP)(P)

Course Codes: 20231/ 20232/ 20233

Length: 3 Trimesters (15 units)

Prerequisite: "C" or better in Precalculus

College: UC/CSU "c" Mathematics Requirement

Grade Level: 11 - 12

Description: Course designed for those students pursuing math, science or engineering careers, and requires students to draw from the skills and knowledge from previous Math courses. Using geometrical, numerical, and analytical methods, we will study how things change. During this study, we will focus on both differential and integral calculus as well as limits and series. This course is taught in a "workshop" style where students often work on the whiteboards in small groups to solve problems. Math labs are used to illustrate key applications. This course is designed to provide students with an academic experience parallel to that of a year of a college-level physical science/ engineering Calculus course.

SEMINAR FOR AP CALCULUS

Course code: 20237

Length: 1 Trimester (5 units)

Prerequisite: AP Calculus AB

Grade Level: 11 - 12

Description: This is a course designed for students who plan to take the AP exam in Calculus. Students who would like to learn additional topics and get practice in advanced mathematics concepts which will help prepare students for the AP exam in May as well as prepare them for more advanced topics found in a University math course.

MULTIVARIABLE CALCULUS (P)

Course Code: 20218

Length: 1 Trimester (5 units)

Prerequisite: "C" or better in BC Calculus

College: UC/CSU "c" Mathematics Requirement

Grade Level: 11-12

Description: Multivariable Calculus is a second year university level calculus course. It is the calculus of functions of several variables. This course begins with the study of the basic objects of multidimensional geometry: vectors and vector operations, various coordinate systems, and the elementary differential geometry of vector functions and space curves. It then extends the tools of differential and integral calculus to multidimensional problems. The next part of the course is dedicated to line and surface integrals. Finally, the course concludes with various extensions of the Fundamental Theorem of Calculus to multidimensional integrals and applications to vector fields.

IB MATHEMATICS: APPLICATIONS AND INTERPRETATION SL 1 A/B/C (IB)(P)

Year one of a two year course sequence

Course Codes: 20227/20228/20229

Length: 3 Trimesters (15 Units)

Prerequisite: Passing grade in Geometry

College: UC/CSU "c" Mathematics Requirement

Grade Level: 11

IB MATHEMATICS: APPLICATIONS AND INTERPRETATION SL A/B/C (IB)(P)

Year two of a two year course sequence

Course Codes: 20251/20252/20253

Length: 3 Trimesters (15 Units)

Prerequisite: Successful completion of IB Mathematics Applications and Interpretation SL 1 A/B/C or Algebra 2

College: UC/CSU "c" Mathematics Requirement

Grade Level: 12

Description: This course is designed for students who enjoy seeing mathematics used in real-world contexts and to solve real-world problems. This course is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, some economics courses, psychology, and design. Upon completion of the two-year course series, students will be prepared for mathematical work at the university level. The course will cover all of the topics required for the IB Mathematics exam to be taken in May of 12th grade. This course expands on all topics covered in IB Math Applications and Interpretation SL 1 A/B/C and includes calculus. Strong emphasis is placed on authentic application of mathematical constructs, culminating in a required mathematical exploration that involves investigating an area of mathematics and generating a piece of written work.

IB MATHEMATICS: ANALYSIS AND APPROACHES SL 1 A/B/C (IB)(P)

Year one of a two year course sequence

Course Codes: 20245/20246/20247

Length: 2 Trimesters (10 Units)

Prerequisite: Passing grade in Algebra II or approval of instructor

College: UC/CSU "c" Mathematics Requirement

Grade Level: 11

Description: IB Mathematics: Analysis and Approaches covers a number of core topics of study include numbers and algebra, functions, geometry and trigonometry, statistics, and probability.

IB MATHEMATICS: ANALYSIS AND APPROACHES SL A/B/C (IB)(P)

Year two of a two year course sequence

Course Codes: 20261/ 20262/ 20263

Length: 3 Trimesters (15 Units)

Prerequisite: Successful completion of IB Mathematics Analysis and Approaches SL 1 A/B or Precalculus

College: UC/CSU "c" Mathematics Requirement

Grade Level: 12

Description: IB Mathematics Analysis and Approaches Standard Level (SL) A/B/C is the second year of a two-year course series designed for students who have strong abilities and solid background in mathematics and are interested in a career as an engineer, mathematician, research scientist, architect, medical doctor or economist. Throughout the IB Mathematics (Math) Analysis and Approaches SL A/B/C course, students will focus on developing important mathematical concepts in a comprehensible, coherent and rigorous way. Students are encouraged to apply their mathematical knowledge to solve problems set in a variety of meaningful contexts. Development of each topic should feature justification and proof of results. Students embarking on this course should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas, and to develop the skills needed to continue their mathematical growth in other learning environments. Core topics of study include all topics covered in SL 1 and calculus, sets, relations and groups, and discrete mathematics. The coursework includes an Internal Assessment Project, the Mathematical Exploration, which gives students an opportunity to independently investigate real-world mathematical problems and seek solutions in a process of mathematical investigation or modeling. Upon completion of the two-year course series, students will be prepared for mathematical work at the university level. The course will cover all of the topics required for the IB Mathematics exam to be taken in May of 12th grade.

IB MATHEMATICS: ANALYSIS AND APPROACHES HL 1 A/B (IB)(P)

Year one of a two year course sequence

Course Codes: 20241 / 20242

Length: 2 Trimesters (10 Units)

Prerequisite: Algebra II

College: UC/CSU "c" Mathematics Requirement

Grade Level: 11

IB MATHEMATICS: ANALYSIS AND APPROACHES HL 2 A/B (IB)(P)

Year two of a two year course sequence

Course Codes: 20243 / 20244 / 20249

Length: 3 Trimesters (15 Units)

Prerequisite: Passing grade in IB Mathematics Analysis and Approaches HL 1 A/B or Precalculus or AP Calculus

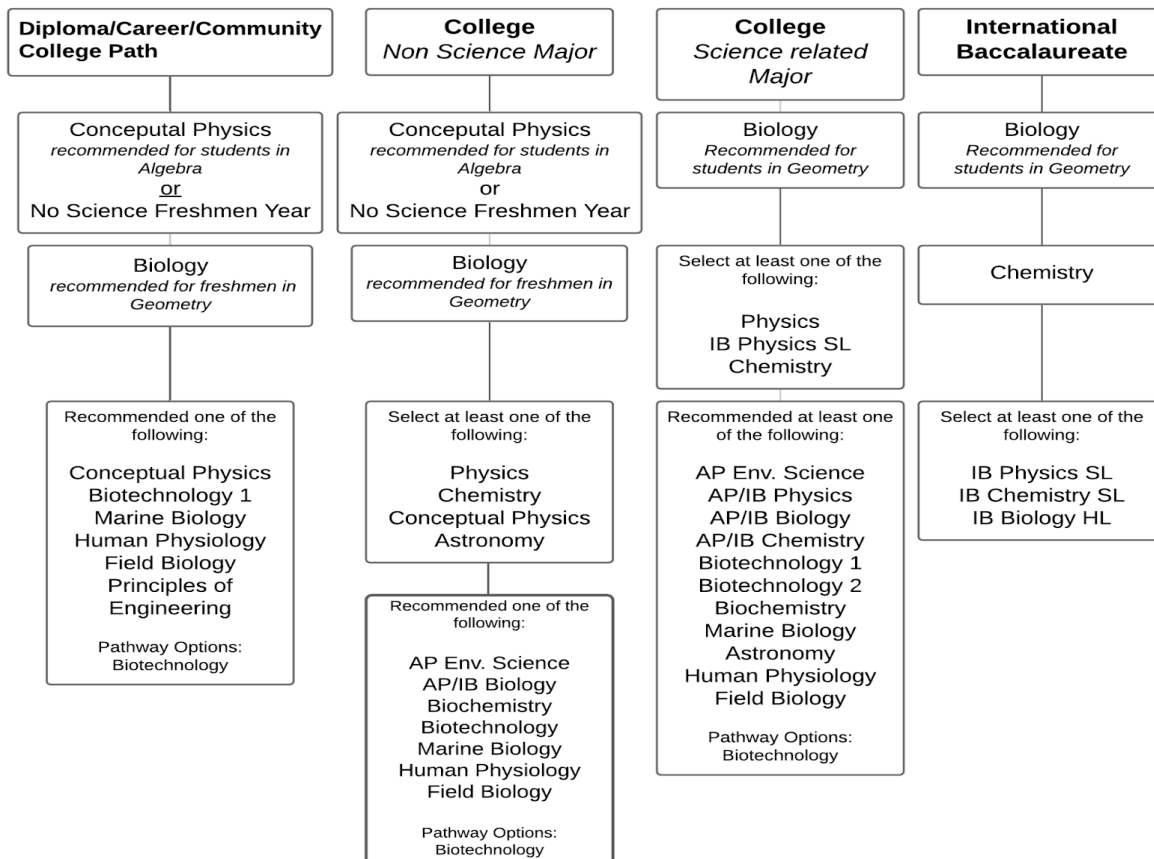
College: UC/CSU "c" Mathematics Requirement

Grade Level: 12

Description: IB Mathematics: Analysis and Approaches Higher Level (HL) 2 is the second year of the HL course sequence and focuses on developing important mathematical concepts in a comprehensible, coherent, and rigorous way. Students are encouraged to apply their mathematical knowledge to solve problems set in a variety of meaningful contexts. Development of each topic should feature justification and proof of results. Students embarking on this course should expect to develop insight into mathematical form and structure, and should be intellectually equipped to appreciate the links between concepts in different topic areas, and to develop the skills needed to continue their mathematical growth in other learning environments. Core topics of study include vectors, calculus, and an Internal Assessment Project, the Mathematical Exploration, which gives students an opportunity to independently investigate real-world mathematical problems and seek solutions in a process of mathematical investigation or modeling. The course will cover all of the topics required for the IB Mathematics exam to be taken in May of 12th grade.

SCIENCE DEPARTMENT

All students must complete 10 units of Life Science and 10 units of Physical Science in order to graduate. Students have a variety of options to choose from. Use the flowchart below to determine which science courses to register for.



LIFE SCIENCE

BIOLOGY 1A/B (P)

Course Codes: 30070/30080

Length: 2 Trimesters (10 Units)

Prerequisite: Successful completion of or concurrent enrollment in Algebra 1 A/B

College: UC/CSU "d" Lab Science Requirement

Grade Level: 9 - 12

Description: Biology is a rigorous, lab-oriented course that prepares students for college biology. Topics include evolution, genetics, reproduction, cells, ecology and biotechnology.

FIELD BIOLOGY A/B (P)

Course Codes: 30210/30220

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of, or concurrent enrollment in Algebra 1A/B. "C" or better in Biology 1A/B.

College: UC/CSU "d" Lab Science Requirement

Grade Level: 11 - 12

Description: Field Biology was developed for students with an interest in studying the native animals and plants of California through the use of field guides, preserved specimens, personal collections, and actual field studies. Students taking Field Biology are expected to have a high level of motivation for using keys to identify marine invertebrates, fish, marine mammals, land mammals, birds, insects, and native trees and shrubs. Principles of ecology and conservation are also emphasized. Students must learn scientific names and be able to classify organisms at all levels of the taxonomic system (kingdom through species).

MARINE BIOLOGY A/B (P)

Course Codes: 30310/30320

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of or concurrent enrollment in Algebra 1A/B. Grade of "C" or better in Biology 1A/B or recommendation of Life Science instructor

College: UC/CSU "d" Lab Science Requirement

Grade Level: 11 - 12

Description: Marine Biology is a study of the plants and animals inhabiting the marine environments of California. It is a second-year biology course that builds on and extends biological concepts developed during the first year of biology. Students investigate the structures, functions, behaviors, adaptations, and classification of plants and animals that live in the marine environment. Students study the physical, chemical, and geological characteristics of the world's oceans. Students investigate energy flow through the Earth's ecosystem and examine the impact of humans on that system. Laboratory activities include dissection, experimentation, data collection, research, and analysis that develop scientific investigation and thinking skills.

BIOTECHNOLOGY 1 A/B (P)

Course Codes: 30090/30095

Length: 2 Trimesters (10 Units)

Prerequisite: Algebra 1A/B, and Biology 1A/B with a "C" or better

College: UC/CSU "d" Lab Science Requirement

Grade Level: 10 - 12

Description: Biotechnology is a rapidly growing field that impacts all our lives. Basically, biotechnology involves manipulation of organisms or their parts, especially DNA and protein, to produce a product. From medicine to agriculture to environmental science, biotechnology has revolutionized biology. This skills-based course, which is part of the newly established Granada Biotechnology Pathway, will teach the Standard Lab Operating Procedures (SLOP) that every lab worker must master. SLOP includes safety, documentation, experimental design, data analysis and reporting, solution preparation, sterile technique, cell culture, DNA isolation and analysis, and protein isolation and analysis.

BIOTECHNOLOGY 2 A/B (P)

Course Codes: 30096/30097

Length: 1-2 Trimesters (10 Units)

Prerequisite: "C" or better in Biotechnology 1A/B

College: UC/CSU "d" Lab Science Requirement

Grade Level: 10 - 12

Description: The Biotechnology 2 course continues to build upon the laboratory research methods and introductory concepts of molecular biology introduced in Biotechnology I. Biotechnology 2A is a regular class like Biotechnology 1, most students only take the 2A part of the class. In Biotechnology 2B, students will become more proficient in the scientific method and will conduct independent research projects. These students will be in class with Biotechnology 1 students but will work independently on their own projects. The topics from Biotechnology I will be expanded to include plant biotechnology. Students will learn more advanced techniques in biotechnology and bioinformatics and will apply molecular techniques to problems in various fields such as forensics, medicine, and agriculture.

PHYSIOLOGY A/B (P)

Course Codes: 30350/30360

Length: 2 Trimesters (10 Units)

Prerequisite: Biology 1A/B and Chemistry 1A/B. *Chemistry may be taken concurrently with teacher consent*

College: UC/CSU "d" Lab Science Requirement

Grade Level: 11 - 12

Description: Physiology is the study of the structure and function of the human body with emphasis on anatomy and chemical principles involved. It is a lab- oriented course with major dissection. Students will engage in discussions concerning ethical, philosophical and personal health aspects of current anatomy and physiology issues. The course should be of special interest to students in medical-related fields. Course requirements: Adequate study time must be allotted for lab write-ups, dissection, homework problems and preparation for tests and quizzes. Good study habits and/or a high degree of motivation are considered prerequisites for this course.

AP BIOLOGY A/B (AP)(P)

Course Codes: 30330/30340

Length: 2 Trimesters (10 Units)

Prerequisite: Grade of "C" or better in Biology and Chemistry

College: UC/CSU "d" Lab Science Requirement

Grade Level: 11 - 12

Description: The Advanced Placement Biology course is subdivided into three major categories: Molecules and Cells, Heredity and Evolution, and Organisms and Populations. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation for science as a process. This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year.

SEMINAR FOR AP BIOLOGY

Course Code: 30341

Length: 1 Trimester (5 Units)

Prerequisite: AP Biology A/B

Grade Level: 11 - 12

Description: The Seminar for AP Biology course will provide students with extensive practice for the AP Exam, as well as additional exploration of topics in Biology.

IB BIOLOGY HL1 (IB)(P)

Year one of a two year course sequence

Course Codes: 30342/30343

Length: 2 trimesters (10 Units)

Prerequisite: "C" or better in Biology 1A/B and Chemistry 1A/B or teacher consent

College: UC/CSU "d" Laboratory Science Requirement

Grade Level: 11

IB BIOLOGY HL2 (IB)(P)

Year two of a two year course sequence

Course Codes: 30344/30345

Length: 2 trimesters (10 Units)

Prerequisite: "C" or better in Biology IB HL1

College: UC/CSU "d" Laboratory Science Requirement

Grade Level: 12

Description: IB Biology HL is designed to match the rigor of a college-level introductory biology course, and investigates the unity and diversity of living organisms on the molecular, cellular, organic and ecological levels, thus covering microbiology and macrobiology. The course focuses on genetics, evolution, human reproduction, physiology, cell respiration, neurobiology, and immune systems, with strong emphasis on studying the interrelationships between organisms and environments, as well as the relevance of biological principles to human beings. Students will have multiple opportunities for scientific study and creative inquiry within a global context via practical lab work, a student-run individual laboratory investigation and a collaborative project (Group 4) as outlined in the syllabus. IB assessment labs will be evaluated according to the IB assessment standards.

MEDICAL OCCUPATIONS (ROP)(P)

See page 68 in the ROP section for course description

SPORTS MEDICINE/ATHLETIC TRAINER (ROP)(P)

See page 69 in the ROP section for course description

SPORTS MEDICINE/ATHLETIC TRAINER II (ROP)(P)

See page 70 in the ROP section for course description

PHYSICAL SCIENCE

CONCEPTUAL PHYSICS 1A/B (P)

Course Codes: 30130/30140

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of or concurrent enrollment in Algebra I

College: UC/CSU "d" Laboratory Science Requirement

Grade Level: 9-12

Description: Conceptual Physics is a college preparatory activity-oriented class. In this course, students will explore topics including: motion and its causes, conservation laws, periodic motion, thermodynamics and heat theory, electricity, magnetism and electromagnetic radiation, light and optics, modern physics including fundamental particles, energy, and waves, with the use of introductory algebra skills.

PHYSICS 1A/B (P)

Course Codes: 30250/30260

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of Geometry

College: UC/CSU "d" Lab Science Requirement

Grade Level: 11 - 12

Description: Physics is a college-prep level laboratory course dealing with concepts and relationships involving mechanics (motion, force, energy, momentum, circular motion, and gravitation), waves (including sound and light), electricity and magnetism, and astrophysics. Emphasis is on laboratory investigations and problem solving. This course is recommended for any college-prep level student.

AP PHYSICS C: MECHANICS A/B (AP)(P)

Course Codes: 30265/30266

Length: 2 Trimesters (10 Units)

Prerequisite: "C" or better in Physics; completion of or concurrent enrollment in AP Calculus AB/BC

College: UC/CSU "d" Lab Science Requirement

Grade Level: 11 - 12

Description: This is a college-level, lab-oriented, calculus-based physics course for students interested in college physical science or engineering majors. This course will provide instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. This course will also include a hands-on laboratory component comparable to a semester-long introductory college-level physics laboratory.

CHEMISTRY 1A/B (P)

Course Codes: 30150/30160

Length: 2 Trimesters (10 Units)

Prerequisite: "C" or better in Algebra I

College: UC/CSU "d" Lab Science Requirement

Grade Level: 10 - 12

Description: Chemistry A/B is a college preparatory laboratory science course grounded in guided inquiry. Core principles such as matter, atomic structure and models, bonding, phase changes, reactions, kinetics, thermodynamics, energy, equilibrium, oxidation-reduction, and acid-base chemistry will be covered. Throughout the course, students will strengthen problem-solving skills through hands-on laboratory activities.

BIOCHEMISTRY (P)

Course Code: 30098

Length: 1 Trimester (5 Units)

Prerequisite: Passing grade in Algebra 1 and Chemistry

College: UC/CSU "d" Lab Science Requirement

Grade Level: 10 - 12

Description: Biochemistry is a lab-based introductory biochemistry class that is designed for students interested in college life science majors and builds upon students' knowledge of general chemistry. This course offers students a preliminary understanding of the basic principles of biochemistry, expanding upon the basic concepts of organic chemistry and biochemistry as outlined in the California State Science Standards for Chemistry. Students will gain confidence in studying a scientific discipline that might initially appear intimidating and acquire an appreciation for the field of biochemistry and the many career opportunities found in this area of study.

AP CHEMISTRY A/B (AP)(P)

Course Codes: 30170/30180

Length: 2 Trimesters (10 Units)

Prerequisite: Grade of "C" or better in Chemistry and Algebra II

College: UC/CSU "d" Lab Science Requirement

Grade Level: 11 - 12

Description: AP Chemistry is a highly lab-oriented course that is the equivalent of a college introductory chemistry course. Topics include structure and states of matter; reactions, stoichiometry, equilibrium, kinetics, thermodynamics and electrochemistry. The course also requires a rigorous schedule of laboratory work and practice with chemical calculations. The course is recommended for students planning to major in science in college.

SEMINAR FOR AP CHEMISTRY

Course Code: 30181

Length: 1 Trimester (5 Units)

Grade Level: 11-12

Description: This course will provide students with extensive practice for the AP exam in May, as well we additional exploration of topics in Chemistry.

IB CHEMISTRY SL (IB)(P)

Course Codes: 30165/30166/30167

Length: 3 Trimesters (15 Units)

Prerequisite: Grade of "C" or better in Chemistry and Algebra I

College: UC/CSU "d" Laboratory Science Requirement (A and B)

Grade Level: 11-12

Description: This course combines the acquisition of practical and investigational skills through the experimental approach. Students learn the chemical principles that underpin both the physical environment and biological systems through the study of quantitative chemistry, periodicity, kinetics, thermochemistry, and equilibrium. Throughout the course, students become aware of how scientists work and communicate with each other. Students will have multiple opportunities for scientific study and creative inquiry within a global context via practical lab work, a student-run individual lab, and a collaborative project with IB Biology and Physics students. IB assessment Labs will be evaluated according to the IB assessment standards and students will be required to complete the Group 4 Project as outlined in the syllabus.

ASTRONOMY A/B (P)

Course Codes: 83085/83086

Length: 2 Trimesters (10 Units)

Prerequisite: Geometry or teacher consent

College: UC/CSU "d" Lab Science Requirement

Grade Level: 10 - 12

Description: This course provides students an avenue to explore humankind's understanding of the cosmos and the astronomical literacy needed to appreciate the latest discoveries and theories about various phenomena in our Universe. Students will learn how fusion processes work in stars; how a black hole, two million times as massive as the Sun, was discovered in the center of our galaxy; how astronomers discover worlds around other stars; and how astronomers have determined that most of the matter in the Universe is not only invisible, but its nature is completely unknown. While exploring the nature of the Universe, students gain insight into how astronomical knowledge is obtained through observation, mathematics, and reason.

AP ENVIRONMENTAL SCIENCE A/B (AP)(P)

Course Codes: 30511/30521

Length: 2 Trimesters (10 Units)

Prerequisite: Algebra I; Grade of "C" or better in two prior lab courses, one biological and one physical

College: UC/CSU "d" Lab Science Requirement

Grade Level: 11 - 12

Description: This course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

HEALTH

HEALTH EDUCATION (P)

Course Code: 30000

Length: 1 Trimester (5 Units)

College: UC/CSU "g" Elective Requirement

Grade level: 9-10

HEALTH EDUCATION (P)

Principles of Health in Course Registration

Course Code: 30006

Length: 1 Trimester (5 Units)

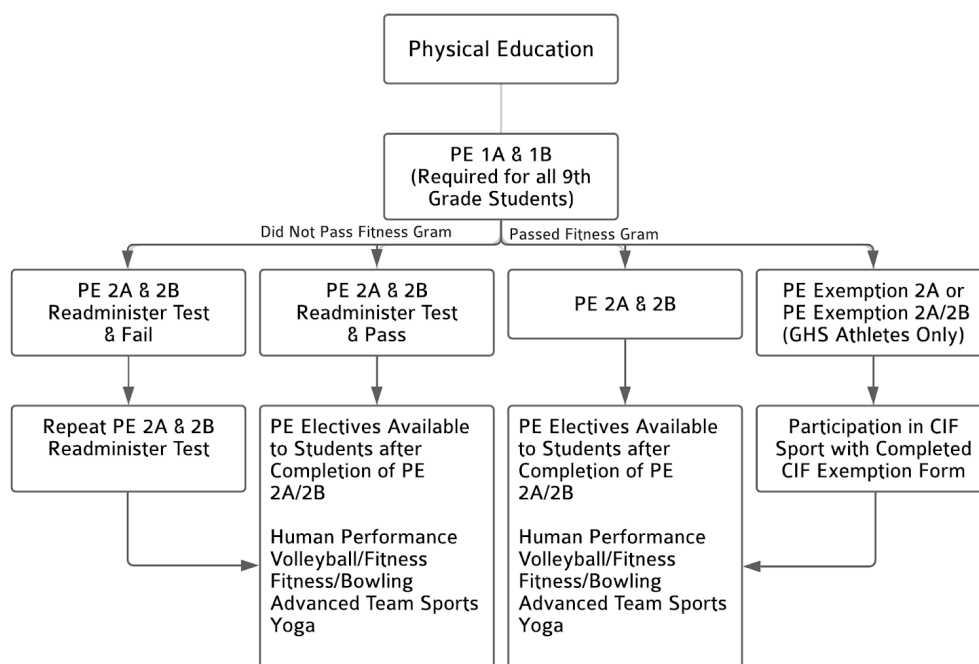
College: UC/CSU "g" Elective Requirement

Grade level: 11-12

Description: The Health Education course will help students to develop life-long, positive health-related behaviors and will provide students with information, decision-making skills, and resources that will encourage thoughtful and responsible behavior. Units of study will include: Nutrition and Physical Activity; Growth, Development, and Sexual Health; Alcohol, Tobacco, and Other Drugs; Mental, Emotional, and Social Health; and Personal and Community Health. This course includes self-directed learning activities that will provide practical skills that will enhance students' health and wellness. Health Education will ensure that students meet the California Health Education Content Standards and fulfill the California Education Code requirements for teaching comprehensive sexual health. This course meets the guidelines of the Health Framework and is a graduation requirement. Alternative assignments will be provided upon written request for students whose parents wish to opt out of the sexual health unit.

PHYSICAL EDUCATION

The Physical Education program is offered throughout the four years of high school. Two years are required for graduation. The program aims to develop a level of physical fitness and health that will enable the student not only to meet the physical requirements of everyday living, but also to enjoy life. Students will be required to continue to enroll in Physical Education each year until they pass the California Physical Fitness Test (Fitnessgram).



PHYSICAL EDUCATION

PHYSICAL EDUCATION 1 A/B

Course Codes: 20810/20820

Length: 2 Trimesters (10 Units)

Grade Level: 9

Description: The Physical Education program at the freshman level emphasizes fitness, team sports, dance and aquatics. Students will learn how to develop their own weight and fitness programs and experience different activities learning beginning to intermediate skills, game strategies and sportsmanship. Students will also learn basic water safety skills and will become more proficient in their swimming abilities.

PHYSICAL EDUCATION 2 A/B

Course Codes: 20830/20840

Length: 2 trimesters (10 units)

Prerequisite: PE 1A/B

Grade Level: 10 - 12

Description: PE 2A/B is designed to introduce students to a variety of sports and physical activities. Each activity will expand upon the foundation provided in the 9th grade curriculum for making appropriate choices for physical wellness and fitness. The purpose is to learn the principles and values of lifetime fitness by participating in physical activities. Participation in these activities will result in a better understanding of lifelong fitness. Students are expected to learn more advanced skills and strategies and demonstrate them in game situations.

PHYSICAL EDUCATION ELECTIVES

HUMAN PERFORMANCE

Course Codes: 20827/20828/20829

Length: 1 Trimester (5 Units) may be repeated for credit

Grade Level: 9 - 12

Description: This class is designed to provide an opportunity during the school day for athletes to participate in a structured strength and athletic enhancement program. This class is geared toward the student who shows an above average interest and ability in physical education through participation on an athletic team. *Please note this is a weight lifting and strength based class. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning.*

ATHLETICS

Course Codes: 88001/88002/88003

Length: 1 Trimester (5 Units) *may be repeated for credit*

Grade Level: JV and Varsity athletes.

Description: Granada High athletes have the opportunity to build athletic time into their day by signing up for Athletics during period five of the trimester that their sport is in season. Listed below are the sports offered each season. Athletes are strongly encouraged to sign up for an athletic fifth period if their sport travel necessitates that they miss significant class time. We encourage all athletes to consider this course if their academic load allows it. Please check with your coach to see how that time period will be utilized. Class is pass/fail

ADVANCED SPORTS ACTIVITIES

Course Code: 20815

Length: 1 Trimester (5 Units)

Prerequisite: PE 2A/B

Description: This is an individual and team sports activity-based course designed for students who wish to continue physical education after successfully completing PE 2A/B. This course will add to students' base of knowledge through activities including badminton, volleyball and basketball, and will introduce a wide range of other activities such as archery, gymnastics/tumbling, tennis and golf.

YOGA/AEROBICS

Course Code: 21010

Length: 1 Trimester (5 Units)

Prerequisite: PE 2A/B

Grade Level: 10 - 12

Description: Aerobics is a one-trimester elective course in which students exercise to music and video aids.

Activities include low-impact aerobic dance, aerobic kickboxing, yoga, Pilates and body sculpting.

BIKING FOR FITNESS

Course Code: 20833

Length: 1 Trimester (5 Units)

Prerequisite: Grade of B- or higher in PE 1 A/B

Grade Level: 10-12

Description: This course is designed to give students the opportunity to continue learning through a comprehensive sequentially planned kinesiology and physical education program, in accordance with the California Model Content Standards for Physical Education. This course will build upon the standards in PE Courses 1 A/B and is designed as an elective PE class for students interested in biking, bike safety and bike maintenance, which are physical activities in which students can enjoy and participate in for a lifetime.

FITNESS/BOWLING

Course Code: 20960

Length: 1 Trimester (5 Units)

Prerequisite: PE 2A/B

Grade Level: 11 - 12

Description: Individualized health and fitness programs will be developed to improve strength, body tone, flexibility and cardiovascular wellbeing. Students will also learn bowling skills and participate in league play. This class includes meetings off-campus three days a week at Granada Bowl. *Students are responsible for transportation to/from the bowling alley.*

VOLLEYBALL/FITNESS

Course Code: 20941

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Description: This course is designed to give students the opportunity to learn through a comprehensive, sequentially planned kinesiology and physical education program, in accordance with the California Model Content Standards for Physical Education. This course will build upon the standards in PE Courses 1A/ B and 2A/B, and is designed as an elective PE class for students interested in the sports of volleyball and lifelong fitness.

CIF SPORTS PE EXEMPTION

Course Codes: 21015/22015/23015

Grade Level: 10 - 12

Prerequisite: Participation in a CIF sport, "B-" or better in PE 1 and passing score on the CA FitnessGram

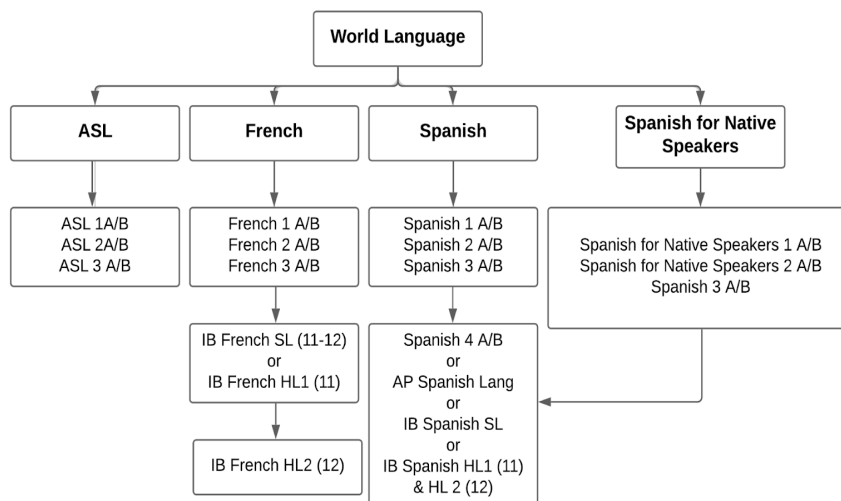
Description: This exemption provides student athletes the option of earning PE credit for their active participation in a CIF approved sport. Refer to the Interscholastic Sports Exemption Contract on the Granada High web page for further details and requirements. Students may earn a maximum of 10 units of credit through this exemption. Class is pass/fail.

CIF Fall Sports	CIF Winter Sports	CIF Spring Sports
<ul style="list-style-type: none">• Cross Country• Football• Girls Golf• Girls Tennis• Girls Volleyball• Girls Water Polo• Boys Water Polo	<ul style="list-style-type: none">• Boys Basketball• Girls Basketball• Girls Soccer• Boys Soccer• Wrestling	<ul style="list-style-type: none">• Baseball• Boys Golf• Boys Lacrosse• Girls Lacrosse• Softball• Stunt• Swim and Dive• Boys Tennis• Track and Field• Boys Volleyball

More information regarding our Athletic Department including sports registration, team websites and athletics forms can be found on our Athletics page located on our website, www.granadahigh.com.

WORLD LANGUAGE

The University of California and California State University systems require a minimum of two years of the same foreign language. Both UC and CSU recommend three years of a foreign language.



AMERICAN SIGN LANGUAGE

AMERICAN SIGN LANGUAGE 1 A/B (P)

Course Codes: 40550/40560

Length: 2 Trimesters (10 Units)

College: UC/CSU "e" Language other than English Requirement

Grade level: 9 - 12

Description: The course introduces the fundamentals principles of American Sign Language (ASL) and basic information about the Deaf community and the Deaf culture. The ASL course covers receptive skills (seeing and understanding) and expressive skills (signing) as well as basic conversation skills, emphasizing vocabulary and correct use of signs. Students will learn the diverse heritage of the hearing impaired world and its people.

AMERICAN SIGN LANGUAGE 2 A/B (P)

Course Codes: 40570/40580

Length: 2 Trimesters (10 Units)

Prerequisite: Completion of ASL 1 with a grade of "C" or better, or consent of instructor

College: UC/CSU "e" Language other than English Requirement

Grade level: 10-12

Description: The course continues the study of the processes and basic structures of ASL to provide a deeper understanding of and an ability to use the language more fluently. Students will build their expressive (signing) and receptive (comprehension) sign vocabulary, use of signing space, and further use of non-manual components of ASL grammar including facial expression and body postures.

AMERICAN SIGN LANGUAGE 3 A/B (P)

Course Codes: 40585/40590

Length: 2 Trimesters (10 Units)

Prerequisite: American Sign Language 2 or teacher consent

College: UC/CSU "e" Language other than English Requirement

Grade level: 11-12

Description: This course provides students with the opportunity to expand their ASL skills through the application of ASL in a variety of discourse and narrative settings. Students will develop their skills through daily structured practice in a variety of contexts including dialogue with native speakers. ASL 3 will focus on semantic awareness analysis, in-depth exploration of ASL grammar, transitions between ideas, and in-depth use of classifiers. Students will acquire knowledge and new insight about the Deaf culture and history in America and throughout the world. Finally, students will be able to determine for themselves the viability of ASL skills in their futures, whether using ASL as a life skill, for enrichment and/or for potential employability.

FRENCH

FRENCH 1 A/B (P)

Course Codes: 40010/40020

Length: 2 Trimesters (10 Units)

Prerequisite: English or teacher consent

College: UC/CSU "e" Language other than English Requirement

Grade level: 9 - 12

Description: French 1 A/B is an introductory course designed for students who are beginning to explore the French language and culture. This yearlong course presents the learner with basic language patterns and vocabulary, helping them begin to communicate in French through listening, speaking, reading and writing, all within a cultural context.

FRENCH 2 A/B (P)

Course Codes: 40030/40040

Length: 2 Trimesters (10 Units)

Grade level: 9 - 12

College: UC/CSU "e" Language other than English Requirement

Prerequisite: Passing grade in French 1 or approval of instructor

Description: French 2 A/B is a course in which learners understand, interpret, and analyze what is heard, read, or viewed in French on a variety of topics. Students will interact and negotiate meaning in spoken, signed, or written conversations to share information, reactions, feelings, and opinions. Students present information, concepts, and ideas to inform, explain, persuade, and narrate on a variety of topics using appropriate media and adapting to various audiences of listeners, readers, or viewers. Students in the class will be required to think, compare and contrast their way of life, their likes and dislikes, with other cultures.

FRENCH 3 A/B (P)

Course Codes: 40050/40060

Length: 2 Trimesters (10 Units)

Prerequisite: Passing grade in French 2 or approval of instructor

College: UC/CSU "e" Language other than English Requirement

Grade level: 9-12

Description: Throughout French 3A/B, students will expand and refine previous knowledge with increasingly complex concepts in language and culture. Within a French/francophone cultural context, and the diversity it entails, and with the use of authentic materials, students will develop the three modes of communication.

IB FRENCH SL (IB)(P)

Course Codes: 40081/40082/40083

Length: 3 trimesters (15 Units)

Prerequisite: "C" or better in French 3 or approval of instructor

College: UC/CSU "e" Language Other than English Requirement (A and B)

Grade Level: 11 - 12

Description: IB French Standard Level focuses on language acquisition, development of language skills and intercultural understanding through the study and use of a range of written and spoken material. This course emphasizes advanced communication in all areas of the language through debates, discussions, skits, essays, blogs, letters, emails, and authentic texts and situations. Such material extending from everyday oral exchanges to literary texts are related to Francophone culture. Core topics address communication and media, global issues, social relationships while optional topics cover cultural diversity, customs and traditions, health, leisure, science and technology. This program develops productive, interactive, and receptive written and oral skills. Emphasis is on fostering reflection on cultural values and behaviors. Immersion instruction and participation in French is required. Students are expected to think critically and communicate effectively in all language modes based on native/ authentic situations and resources. They will engage their creativity and embrace a global perspective via analysis of political and social issues.

IB FRENCH HL 1 (IB)(P)

Part one of a two-year course sequence

Course Codes: 40085/40086

Length: 2 trimesters (10 Units)

Prerequisite: "C" or better in French 3 or approval of instructor

College: UC/CSU "e" Language Other than English Requirement

Grade Level: 11

IB FRENCH HL 2 (IB)(P)

Part two of a two-year course sequence

Course Codes: 40088/40089

Length: 2 trimesters (10 Units)

Prerequisite: "C" or better in French IB HL1

College: UC/CSU "e" Language Other than English Requirement (A and B)

Grade Level: 12

Description: French IB HL2 is the second part of a two- year program of advanced French studies. The focus of this class is language acquisition and intercultural understanding via the extensive study of global issues, communications and media along with social relationships. It also incorporates analysis of literary works. The class is conducted entirely in French and requires the student to be an independent and highly motivated learner. Students will hone their productive, interactive, and receptive skills through the study and use of an extensive array of authentic written and spoken material ranging from oral exchanges to literary texts. This class is geared for students seeking a major or minor in college.

SPANISH

SPANISH 1 A/B (P)

Course Codes: 40210/40220

Length: 2 Trimesters (10 Units)

Prerequisite: English or approval of instructor

College: UC/CSU "e" Language other than English Requirement

Grade level: 9 - 12

Description: Spanish 1 A/B is an introductory course designed for students who are beginning their exploration in the Spanish language and culture. It is a year-long course which presents the learner with basic language patterns and vocabulary to be employed in all four modes of communication: speaking, writing, reading, and listening within a cultural context. Students will study the cultural diversity of the Spanish-speaking world through engaging activities. There will be an emphasis on the fostering of oral skills, and students will be required to speak in Spanish on a variety of topics useful for daily life.

SPANISH 2 A/B (P)

Course Codes: 40230/40240

Length: 2 Trimesters (10 Units)

Prerequisite: Spanish 1 or approval of instructor

College: UC/CSU "e" Language other than English Requirement

Grade level: 9 - 12

Description: Spanish 2 A/B expands previous knowledge with increasingly complex concepts in language and culture, emphasizing the three modes of communication: interpersonal, interpretive and presentational to develop deeper comprehension as well as speaking and writing production in Spanish within a cultural context. Students will study the cultural diversity of the Spanish-speaking world through engaging activities. There will be an emphasis on oral skills, and students will be required to speak in Spanish on a variety of topics useful for daily life (including daily routine, food, parties, health, technology, and the home, etc.).

SPANISH 3 A/B (P)

Course Codes: 40250/40260

Length: 2 Trimesters (10 Units)

Prerequisite: Spanish 2 or approval of instructor

College: UC/CSU "e" Language other than English Requirement

Grade level: 9 - 12

Description: Throughout Spanish 3, students will expand previous knowledge with increasingly complex concepts in language and culture, emphasizing the three modes of communication (interpersonal, interpretive, and presentational) to develop deeper comprehension as well as speaking and writing production in Spanish within a cultural context. Students will study the cultural diversity of the Spanish-speaking world through engaging activities. There will be an emphasis on oral skills and students will be required to speak Spanish on a variety of topics useful for daily life.

SPANISH 4 A/B (P)

Course Codes: 40265/40266

Length: 2 Trimesters - 10 Units

Prerequisite: Spanish 3 (with a grade of "C" or higher) recommended or the approval of instructor

College: UC/CSU "e" Language other than English Requirement Approval

Grade Level: 9 - 12

Description: Spanish 4 is an advanced level Spanish course. Spanish 4 is where previously introduced skills are further practiced, developed and honed: Verb tenses and other components of grammar go under vigorous review, are utilized in extended contexts, and are applied to various frameworks and text types. The main goal of this course is for students to develop, on a daily basis, receptive and productive skills that will allow them to communicate extensively in Spanish and understand the language and its different perspectives through cultural experience. The Spanish 4 course is conducted almost exclusively in Spanish. With appropriate support, students are encouraged to use the target language with their peers and teachers. Students are exposed to literature, lectures, oral presentations, conversations, instructions, news articles, and short stories in the Spanish language. Students will be able to express ideas in written and oral form, analyzing, synthesizing, and critiquing various topics as well as expressing themselves accordingly to their target audience.

AP SPANISH LANGUAGE & CULTURE A/B (AP)(P)

Course Codes: 40270/40280

Length: 2 Trimesters - 10 Units

Prerequisite: "C" or better in Spanish 3 or approval of instructor

College: UC/CSU "e" Language other than English Requirement

Grade level: 10 - 12

Description: AP Spanish Language is a course conducted almost exclusively in Spanish. Students are encouraged to use the target language with their peers and teachers. The course content incorporates a wide variety of academic and cultural topics (the arts, history, current events, literature, culture, sports, etc.). Materials include authentic resources in the form of recordings, films, newspapers, magazines, and websites. The course develops integrated language skills that are useful in themselves and that can be applied to various activities and disciplines rather than a mystery of any specific subject matter. Students will integrate language skills in synthesizing written and aural materials as an integral part of the AP Spanish Language course.

IB SPANISH SL A/B/C (IB)(P)

Course Codes: 40400/40401/40402

Length: 3 trimesters (15 units)

Prerequisite: "C" or better in Spanish 3 or approval of instructor

College: UC/CSU "e" Language Other than English Requirement (A and B)

Grade Level: 11 - 12

Description: International Baccalaureate (IB) Spanish Standard Level (SL) aims to develop students' critical reading and analytical writing skills in Spanish as well as their ability to make interdisciplinary connections and explore linguistic and cultural comparisons. Students are expected to discuss literary texts and their different historical, sociocultural, and geopolitical contexts in a variety of interactive oral and written formats in Spanish. Additionally, students will analyze themes and features of artistic representations, audiovisual materials, and audio sources related to course content, in the target language.

IB SPANISH HL 1 (IB)(P)

Part one of two year course sequence

Course Codes: 40405/40406

Length: 2 trimesters (10 Units)

Prerequisite: "C" or better in Spanish 3 or approval of instructor

College: UC/CSU "e" Language Other than English Requirement

Grade Level: 11

IB SPANISH HL 2 (IB)(P)

Part two of a two year course sequence

Course Codes: 40407/40408

Length: 2 trimesters (10 Units)

Prerequisite: Spanish IB HL1

College: UC/CSU "e" Language Other than English Requirement

Grade Level: 12

Description: International Baccalaureate (IB) Spanish Higher Level (HL) 2 aims to develop students' critical reading and analytical writing skills in Spanish as well as their ability to make interdisciplinary connections and explore linguistic and cultural comparisons. Students are expected to discuss literary texts and their different historical, sociocultural, and geopolitical contexts in a variety of interactive oral and written formats in Spanish. Additionally, students will analyze themes and features of artistic representations, different historical, sociocultural, and geopolitical contexts in a variety of interactive oral and written formats in Spanish. Additionally, students will analyze themes and features of artistic representations, audiovisual materials, and audio sources related to course content, in Spanish.

SPANISH FOR NATIVE SPEAKERS

SPANISH FOR NATIVE SPANISH SPEAKERS 1 A/B (P)

Course Codes: 40390/40395

Length: 2 Trimesters (10 Units)

Grade level: 9 - 12

College: UC/CSU "e" Language other than English Requirement

Description: This course is designed for students who are already proficient in the speaking of Spanish and will focus on the development of writing and reading skills. Students will be placed into the appropriate level based upon an assessment test given to them.

SPANISH FOR NATIVE SPANISH SPEAKERS 2 A/B (P)

Course Codes: 40396/40397

Length: 2 Trimesters (10 Units)

College: UC/CSU "e" Language other than English Requirement

Grade level: 9 - 12

Description: This course is designed for students who are already proficient in the speaking of Spanish and will focus on the development of writing and reading skills. Students will be placed into the appropriate level based upon an assessment test given to them

IB SPANISH SL A/B/C (IB)(P)

See page 44 for course description

IB SPANISH HL 1 A/B (IB)(P)

See page 44 for course description

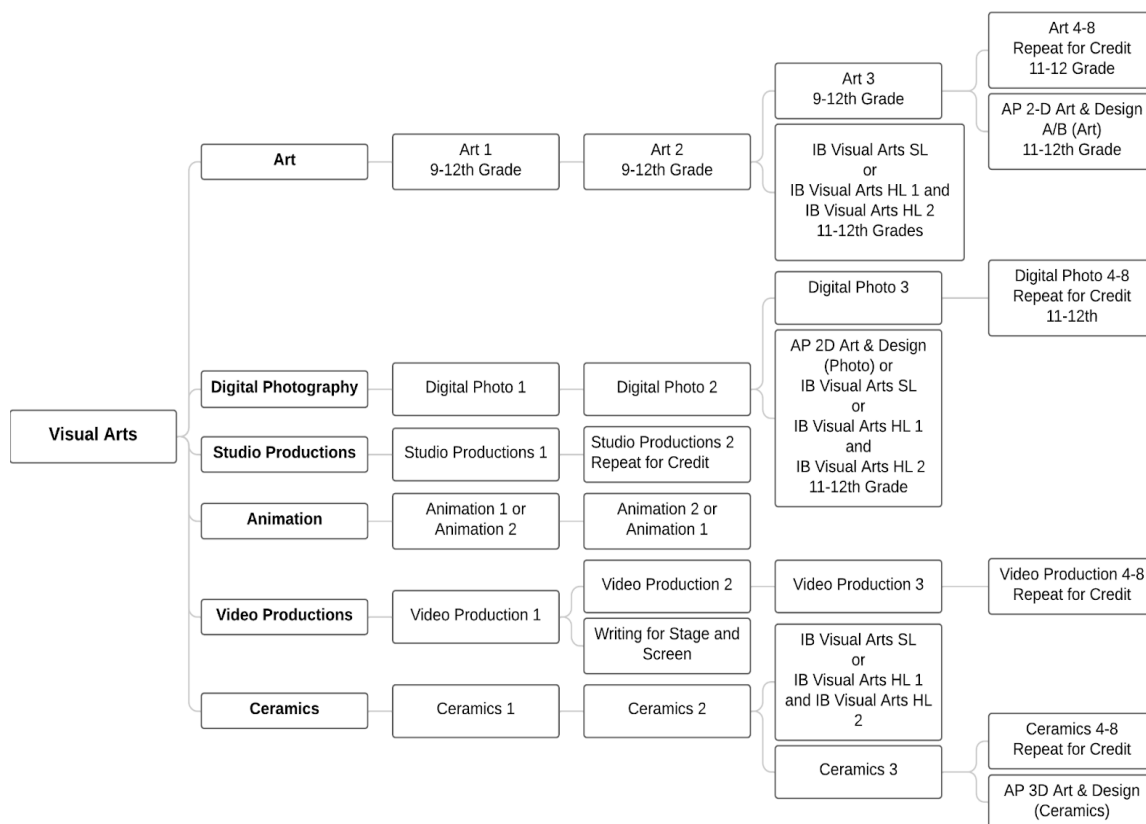
IB SPANISH HL 2 A/B (IB)(P)

See page 44 for course description

VISUAL AND PERFORMING ARTS (VPA)

Students are required to complete 30 units in two of the three categories for high school graduation requirements: Visual and Performing Arts, World Language or Career Technical Education. The UC/CSU system requires a one-year (two-trimester) course of study of one visual or performing art.

VISUAL ARTS



ART 1 (P)

Course Code: 60030

Length: 1 Trimester (5 Units)

College: UC/CSU "f" VPA Requirement

Grade Level: 9-12

Description: This is a studio art class that when taken in conjunction with Art 2, meets the UC/CSU VPA requirement. The emphasis of this course is on drawing and painting. The course will explore the basic Elements of Art. Many drawing and painting techniques will be introduced to the students, and they will have the opportunity to work in a variety of mediums including some 3-dimensional projects. Students will also gain the ability to analyze and respond to various works, including their own. Students will keep work in a processing journal.

ART 2 (P)

Course Code: 60040

Length: 1 Trimester (5 Units)

Prerequisite: Art 1

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: This course is a continuation of Art 1 with a focus on the Principles of Design. Students will be introduced to numerous cultural and historical styles. Through critiques, both written and oral, students will develop the ability to aesthetically value and appreciate works of art, as well as understand the relationship between art, culture and history. Students will keep a processing journal continued from Art 1.

ADVANCED ART 3 (P)

Course Code: 60043

Length: 1 Trimester (5 units) *may be repeated for credit*

Prerequisite: "C" or better in Art 1 and Art 2; portfolio review

College: UC/CSU "g" VPA Requirement

Grade level: 10 - 12

Description: This is an advanced art class, intended for the art student who desires more emphasis on individual skill development. The course will enhance the student's knowledge of art through application of the State Visual Arts Standards and includes both visual and written assignments. It is designed to accommodate the highly motivated advanced art student. Students are encouraged to explore and develop proficiency in a range of mediums including drawing, painting, and collage, and may include printmaking, digital media or 3-dimensional work. Emphasis will be on building a portfolio of finished work and formulating goals for careers in art.

AP DRAWING A/B (AP)(P)

Course Codes: 60180/60185

Length: 2 Trimesters (10 Units)

Prerequisite: Passing grade in Art 3 or consent of instructor

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 11 - 12

Description: This course is designed for students who would like to further their education in the Drawing Arts such as, but not limited to, drawing skills, including mark making, line, surface, space, light, and shade and composition. Work may be drawing (analog and digital), painting, printmaking, and mixed media work. This study will consider how materials, processes and ideas can be used to create work that considers marks that can be used to make drawings, the arrangement of marks, the materials and processes used to make marks, and relationships of marks and ideas. Students will research artists, examining their works for evidence of the elements and principles of design, the artist's influence or reflection on cultural expression and documenting evidence of influence of those artists on the students' works. Students will consider an individualized question of inquiry to explore. In this exploration, they will document in writing the influences, processes, and materials used to create resolved work of art. Students will also produce, show and participate in public displays of art practicing appropriate commentary for exhibiting their works. Students may submit a portfolio to CollegeBoard for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.

DIGITAL PHOTOGRAPHY 1 (P)

Course Code: 60270

Length: 1 Trimester (5 Units)

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 9 - 12

Description: This rigorous course in digital photography will begin with an introduction/review of the elements and principles of art needed for creating photographs, including basic layout and design, color theory, shape, form and composition. This course will familiarize the student with digital photographic equipment, materials and methods through theory and hands-on practice. Students will use software to manipulate photographs in creative manners not possible with traditional photography. Students will also learn about the history of photography and photographers.

DIGITAL PHOTOGRAPHY 2 (P)

Course Code: 60275

Length: 1 Trimester (5 Units)

Prerequisite: Digital Photo 1

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 9 - 12

Description: The continuation of Digital Photography 1, this course will familiarize the student with digital photographic equipment, materials and methods through theory and hands-on practice. Students will continue to study the elements and principles of design through more advanced practice. Students will use software to manipulate photographs in creative manners not possible with traditional photography. Students will also learn about the history of photography and photographers by studying and emulating a variety of photographic styles. Students will learn and utilize traditional photography techniques and experimental styles in the creation of several projects.

DIGITAL PHOTOGRAPHY 3-8 (P)

Course Code: 60276

Length: 1 Trimester (5 Units) *may be repeated for credit*

Prerequisite: "C" or better Digital Photography 1 and 2 or teacher consent.

Approval based on portfolio and/or previous experience.

College: UC/CSU "g" Elective Requirement

Grade level: 9 - 12

Description: This course is a continuation of Digital Photography 1 and 2 and is intended for the student who desires more emphasis on individual skill development. Students will have the opportunity to learn advanced techniques using Photoshop to solve problems that reinforce the principles and elements of design and enhance their knowledge of technology. Students will gain experience in setting up different lighting situations and will be encouraged to experiment with composition. Students will be expected to participate in a rigorous self-evaluation process, as well as contribute informed opinions in group critiques.

AP 2D ART & DESIGN A/B (AP)(P) f/k/a AP STUDIO ART PHOTO A/B (AP)(P)

Course Codes: 60286/60287

Length: 2 Trimesters (10 Units)

Prerequisite: Passing grade in Digital Photo 2 or consent of instructor

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 11 - 12

Description: This course is for students who would like to further their education in the 2-D Arts, such as but not limited to, painting, photography, printmaking, or graphic design. This study will consider how materials, processes, and ideas can be used to create work on a flat surface. Elements and principles of design that will be emphasized are: point, line, shape, plane, layer, form, space, texture, color, value, opacity, transparency, time, unity, variety, rhythm, movement, proportion, scale, balance, emphasis, contrast, repetition, figure/ground relationship, connection, juxtaposition, and hierarchy. Students will research artists, examining their works for evidence of the elements and principles of design, the artist's influence or reflection on cultural expression and documenting evidence of influence of those artists on the students' works. Students will consider an individualized question of inquiry to explore. In this exploration, they will document in writing the influences, processes, and materials used to create resolved works of art. Students will also produce, show, and participate in public displays of art practicing appropriate commentary for exhibiting their work. Students may submit a portfolio to CollegeBoard for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.

CERAMICS 1 (P)

Course Code: 60130

Length: 1 Trimester (5 Units)

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 9 - 12

Description: Students will be introduced to the basic fundamentals of ceramics, including hand building, sculpture, and design. Students will acquire the basic understanding of glazes, application, and kiln firing. The students will learn the elements of art as applied to ceramic works. This knowledge will allow them to analyze and evaluate their work. They will also be able to articulate discussions in regards to their designs and the works of other artists. This course will explore early ceramic culture and history.

CERAMICS 2 (P)

Course Code: 60140

Length: 1 Trimester (5 Units)

Prerequisite: Ceramics 1

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 9 - 12

Description: In this continuation of Ceramics 1, students will learn the principles of design and how they apply to ceramic works. Students will be challenged in the development of creative thought. Students will explore more complex design skills. We will learn creative problem solving and how that can enhance our ceramic success. Students will be introduced to the potter's wheel, and taught the basics for them to practice. Students will continue to explore critique analysis with their creations as well as work of their peers. The course will explore ceramic artists.

ADVANCED CERAMICS 3-8 (P)

Course Code: 60141

Length: 1 Trimester (5 Units) *may be repeated for credit*

Prerequisite: "C" or better in Ceramics 1 and 2

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 10 - 12

Description: This course is intended for the art student who desires more emphasis on individual skill development. An essential part of the course will be challenging students and their creative thought process. Students are encouraged to explore and develop proficiency in wheel throwing, hand building and complex decorating. This course continues to explore historical, cultural and contemporary pottery and sculpture.

AP 3D ART & DESIGN A/B (AP)(P)

Course Codes: 60165/60616

Length: 2 Trimesters (10 Units)

Prerequisite: Passing grade in Art 3, Ceramics 3, Digital Photo 2 or consent of instructor

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 11 - 12

Description: This course is designed for students who would like to further their education in the 3-D Arts, such as but not limited to figurative or non-figurative sculpture, architectural models, metal work, ceramics, glasswork, installation, performance, assemblage, and 3-D fabric fiber arts. This study will consider how materials, processes, and ideas can be used to create work that involves space and form, whether physical or virtual. Elements and principles of design that will be emphasized are: point, line, shape, plane, layer, form, volume, mass, occupied/unoccupied space, texture, color, value, opacity, transparency, time, unity, variety, rhythm, movement, proportion, scale, balance, emphasis, contrast, repetition, connection, juxtaposition, and hierarchy. Students will research artists, examining their works for evidence of the elements and principles of design, the artist's influence or reflection on cultural expression and documenting evidence of influence of those artists on the student's works. Students will consider an individualized question of inquiry to explore. In this exploration, they will document in writing the influences, processes, and materials used to create resolved works of art. Students will also produce, show, and participate in public displays of art practicing appropriate commentary for exhibiting their works. Students may submit a portfolio to CollegeBoard for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.

IB VISUAL ARTS SL (IB)(P)

Course Codes: 60055/60056/60057

Length: 3 trimesters (15 units)

Prerequisite: Ceramics 1, Digital Photo 1 or Art 1

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade Level: 11-12

Description: This course is designed to teach about a variety of different mediums, how to analyze and communicate about art and how to express thematic ideas through exhibitions employing 2 different mediums (painting or drawing, 3-D sculpture and electronic media). Students will maintain a portfolio to demonstrate their knowledge, process and visual experimentation. Regular research and studio work will provide the link between artists representing various visual mediums and the student's theme and personal artistic development of expression. Students will gain experience both inside and outside of the classroom, viewing and critiquing other artists' work and creating their own works.

IB VISUAL ARTS HL 1 (IB)(P)

Year one of a two year course sequence

Course Codes: 60061/60062

Length: 2 trimesters (10 Units)

Prerequisite: "C" or better in 1 Visual Arts elective or portfolio review and approval by instructor

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade Level: 11

IB VISUAL ARTS HL 2 (IB)(P)

Year two of a two year course sequence

Course Codes: 60065/60066

Length: 2 trimesters (10 units)

Prerequisite: "C" or better in Visual Arts IB HL 1

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade Level: 12

Description: Visual Arts IB HL1 and Visual Arts IB HL2 is a two-year course. The Group 6 Visual Arts High Level (HL) course is designed to teach about a variety of different mediums, how to analyze and communicate about art, and how to express thematic ideas through exhibitions employing 3 different mediums (painting or drawing, 3-D sculpture and electronic media). Students will maintain a portfolio to demonstrate their knowledge, process and visual experimentation. Regular research and studio work will provide the link between artists representing various visual mediums and the student's theme and personal artistic development of expression. Students will gain experience both inside and outside of the classroom, viewing and critiquing other artists' work and creating their own works. Students will be expected to participate in a reflective self-evaluation process.

ANIMATION 1 (P)

Traditional Animation

Course Code: 60170

Length: 1 Trimester (5 units)

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: This project-based course in animation and stop-motion Claymation will begin with an introduction/review of the elements and principles of art needed for Animation/Claymation, such as basic layout and design, color theory, texture, shape, form and composition. Students will learn through theory and hands-on practice, the foundations of cartooning, hand-drawn animation, stop-motion animation and a historical perspective of motion pictures including animation.

ANIMATION 2 (P)

Computer-Based Animation; may be taken before Animation 1

Course Code: 60175

Length: 1 Trimester (5 units)

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: This project-based course in 2D and 3D computer-based animation will begin with an introduction/review of the principles of animation, such as basic layout and design, color theory, texture, shape, form and composition. Students will learn, through theory and hands-on practice, techniques in non-linear animation using a computer, and a historical perspective of motion pictures including 2D and 3D computer-based animation. Students will gain an understanding of animated short films using advanced software, drawing tablets, sound recording techniques and editing tools.

VIDEO PRODUCTION 1 (P)

Course Code: 60200

Length: 1 Trimester (5 Units)

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 9 - 12

Description: This course is offered to students who are interested in creating quality artwork using video and audio. Students will learn about the elements and principles of art/design in how they relate to video and audio. Throughout the trimester, students will also analyze work, present their work to peers, collaborate with students, and research influential individuals in the world of video productions.

VIDEO PRODUCTION 2 (P)

Course Code: 60205

Length: 1 Trimester (5 Units)

Prerequisite: Video Production 1 or teacher consent

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade level: 9 - 12

Description: This course allows students to continue to build their pre-production, production, and post-production skills by working on a variety of activities. Students will dive deeper into reading and writing screenplays, building shot lists, and creating storyboards. Students will record footage using higher level cameras and lenses. Students will experience different rolls on a film set. Students will improve their editing skills while creating a documentary, a silent or interpretive film, a scene recreation, and a commercial. Students will explore audio through SoundFX and Foley work. Students will analyze and discuss media related to class activities.

VIDEO PRODUCTION 3 (P)

Course Codes: 60206/60216/60226

Length: 1 Trimester (5 Units) *may be repeated for credit*

Prerequisite: VP 1 and 2 or teacher consent

Grade level: 9 - 12

Description: This course focuses on independent filmmaking, including the roles of the writer, cinematographer, director, and producer. Students experience the creative, organizational, and technical aspects of filmmaking. Each unit introduces new concepts and skills, which transition into the next. Students learn and apply each concept or skill in the production of their independent film projects. Each unit is embedded with multiple written components based on the needs of the project. These include but are not limited to treatments, screenplays, release forms, contracts, production logs and schedules, critiques, and self-reflections.

STUDIO BROADCAST PRODUCTIONS 1 (P)

Course Code: 60199

Length: 1 Trimester (5 units)

College: UC/CSU "g" Elective Requirement

Grade level: 9 - 12

Description: Students in this course will train to create the weekly Video El Aviso. This course is designed to teach the fundamentals of reporting, shooting and lighting, scripting, editing and production of a television/web-delivered newscast. Students will learn how to use cameras, tripods, lights, microphones, editing equipment, and to build/design sets and backdrops. Working in small teams, students will develop the skills necessary to produce daily/weekly broadcasts.

STUDIO BROADCAST PRODUCTIONS 2 (P)

Course Code: 60207/60208/60209

Length: 1 trimester (5 units) *may be repeated for credit*

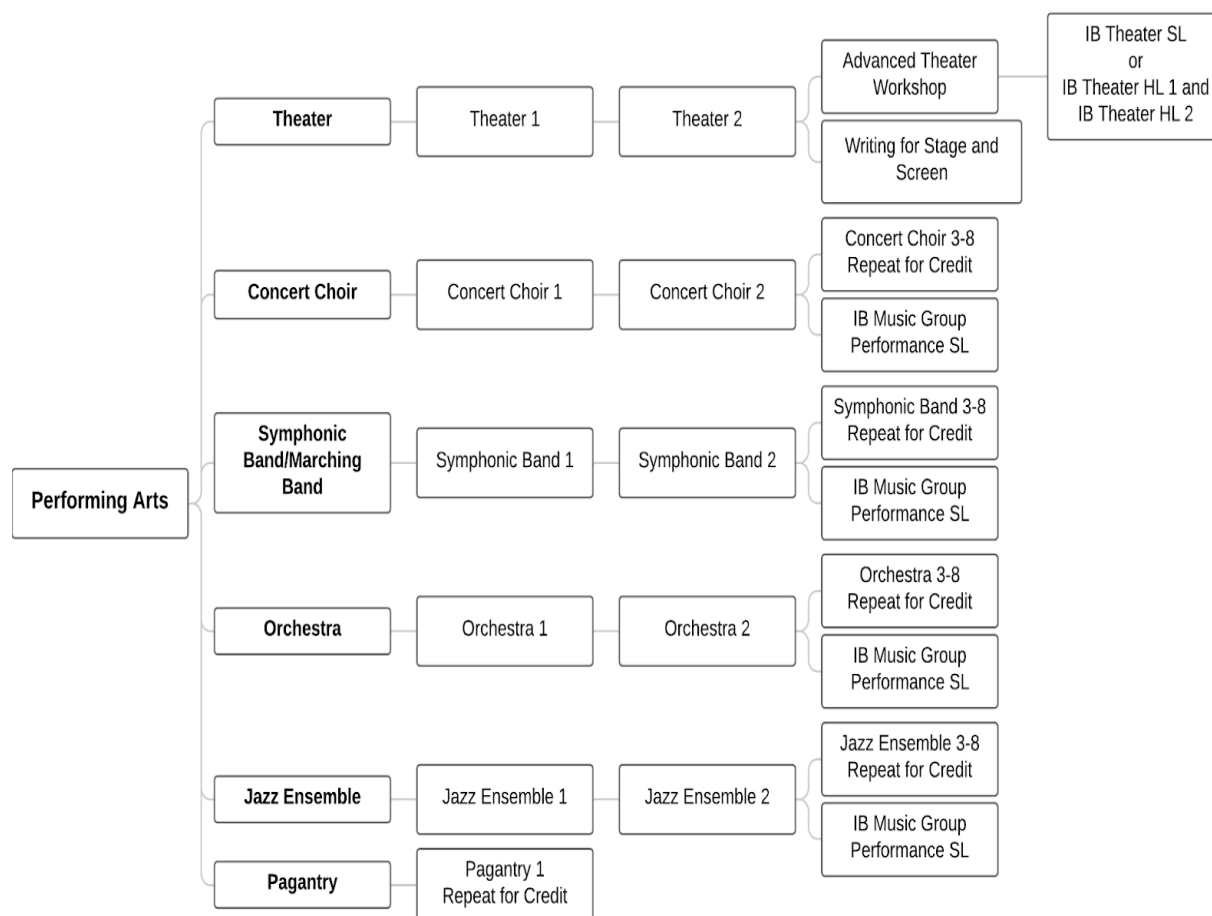
Prerequisite: "C" or better in Studio Broadcast Productions 1 or teacher consent

College: UC/CSU "g" Elective Requirement

Grade level: 9 - 12

Description: Students in this course will create the weekly Video El Aviso. This course builds on the foundation learned in Studio Broadcast Productions 1. Students will learn advanced skills in reporting, shooting and lighting, scripting, editing and production of a television/web-delivered newscast. Students will produce daily/weekly newscasts that air at school and online. Working in small teams, students will develop the skills necessary to produce daily/weekly broadcasts and will direct many of their own creative projects.

PERFORMING ARTS



SYMPHONIC BAND (P)

Course Codes: 87031/87032/ 87041

Length: 2 - 3 Trimesters (5 Units Each) *Year-long enrollment is strongly recommended*

Prerequisite: Advanced reading/playing ability or at least two years experience or teacher consent

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: This is a performance-based music course emphasizing symphonic and marching band techniques and literature. This course includes work in individual instrumental technique, music reading, theory and fundamentals, all done in a large ensemble setting. There are also opportunities for small ensemble and solo performances. Students will be required to participate in concerts, music festivals and various marching band activities, including school events and competitive band reviews. Field trips and tours to various concert and marching events are included in this activity.

ORCHESTRA (P)

Course Codes: 70330/70331/70332

Length: 2 - 3 Trimesters (5 Units Each)

Prerequisite: At least two years experience on violin, viola, cello, string bass or teacher consent. This course is designed for orchestral string players only.

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: This is a performance-based music class emphasizing orchestral technique and literature. The course includes work in individual instrumental technique, music reading, theory and fundamentals, all done in a large ensemble setting. There are also opportunities for small ensemble and solo performances. Students will be required to participate in concerts, music festivals and various field trips/tours. *Year-long enrollment is strongly recommended.*

JAZZ ENSEMBLE (P)

Course Codes: 70130/70131/70132

Length: 3 Trimesters (10 Units)

Prerequisite: At least two years playing experience on instruments used in the traditional Big Band and concurrent enrollment in Symphonic Band or Orchestra or teacher consent.

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: Jazz Ensemble is a performance-based music elective course emphasizing jazz styles, techniques and the performance of jazz literature. The course also explores jazz listening and improvisational skills. Jazz Ensemble uses traditional Jazz Big Band instrumentation; however, small group and/or combo performance opportunities may be included. Students will be required to participate in concert performances, jazz festivals and various field trips and tours. Each half of the course meets for 18 weeks, outside of school day

PAGEANTRY (COLOR GUARD)

Course Code: 81050

Length: 1 Trimester (5 Units) *only offered Trimester 1*

Prerequisite: Students will be required to participate in a tryout/audition. Students **MUST** have teacher consent to enroll.

Grade level: 9 - 12

Description: This course is directly connected to the music program. Pageantry incorporates elements of dance and movement and the use of tall flags, show rifles and ID boards in a "Show Color Guard" format. From August - November, the team performs as an auxiliary to the marching band at school and public performances. From November - April, the team is involved with Winter Guard activities which include indoor performances choreographed to pre-recorded music.

CONCERT CHOIR (P)

Course Codes: 70010/70020/70025

Length: 1 - 3 Trimesters (5 Units Each) *may be repeated for credit*

College: UC/CSU "f" VPA Requirement when Concert Choir 1 and 2 are taken

Grade level: 9 - 12

Description: (Large Ensemble) The Concert Choir is designed for students to learn to increase their vocal skills, and to explore and study choral music. The students receive instruction in vocal development and technique, music reading and music theory. A wide variety of choral literature and music styles are presented. The students learn stylistic interpretation, performance practice, critical analysis and observation techniques, and leadership skills. The students learn how to work as a cohesive unit while contributing individual talent to the group. Members of the class are introduced to solo, ensemble and independent singing. The students are involved in choir tours to exchange music with other high schools and attend clinics and music festivals. This choir performs in at least two major concerts per trimester, which are mandatory. *Students may choose to take Concert Choir for 1, 2 or 3 trimesters. Year long enrollment is recommended.*

IB MUSIC SL 1 A/B (IB)(P)

Course Codes: 70377/70378/70379

Length: 3 Trimesters (15 units)

College: UC/CSU "f" VPA Requirement, UC Honors credit

Prerequisite: Advanced reading/playing ability or at least two years experience or approval by instructor

Grade level: 11-12

Description: IB Music SL is a 1-year course with a similar curriculum to IB Music HL but with fewer required class hours and 3 IB assessments instead of 4 at HL. In this course, students and teachers engage in a journey of imagination and discovery through partnership and collaboration. Students develop and affirm their unique musical identities while expanding and refining their musicianship. Throughout the course, students are encouraged to explore music in varied and sometimes unfamiliar contexts. By experimenting with music, students will gain hands-on experience while honing musical skills. Through realizing and presenting samples of their musical work with others, students also learn to communicate critical and artistic intentions and purpose. As students develop as young musicians, the course challenges them to engage practically with music as researchers, performers and creators, and to be driven by their unique passions and interests while also broadening their musical and artistic perspectives. The course will focus on four Areas of Inquiry: Music for sociocultural and political expression, Music for listening and performance, Music for dramatic impact, movement and entertainment and Music technology in the electronic and digital age. At SL, Students will complete three recorded/written assessments: Exploring Music in Context, Experimenting with Music and Presenting Music. Students may opt to submit their IB Music SL assessments to IB to potentially earn college credit. IB Music SL will be run within the Symphony Band, Choir, Orchestra or Jazz Ensemble class sections as a blended course.

IB MUSIC HL 1 A/B (IB)(P)

Year one of a two year course sequence

Course Codes: 70380/70381

Length: 2 Trimesters (10 units)

Prerequisite: Advanced reading/playing ability or at least two years experience or consent of instructor

College: UC/CSU "f" VPA requirement, UC Honors credit

Grade Level: 11

IB MUSIC HL 2 A/B (IB)(P)

Year two of a two year course sequence

Course Codes: 70382/70383

Length: 2 Trimesters (10 units)

Prerequisite: Successful completion of IB Music HL I A/B

College: UC/CSU "f" VPA requirement, UC Honors credit

Grade Level: 12

Description: In this course, students and teachers engage in a journey of imagination and discovery through partnership and collaboration. Students develop and affirm their unique musical identities while expanding and refining their musicianship. Throughout the course, students are encouraged to explore music in varied and sometimes unfamiliar contexts. By experimenting with music, students will gain hands-on experience while honing musical skills. Through realizing and presenting samples of their musical work with others, students also learn to communicate critical and artistic intentions and purpose. As students develop as young musicians, the course challenges them to engage practically with music as researchers, performers and creators, and to be driven by their unique passions and interests while also broadening their musical and artistic perspectives. The course will focus on four Areas of Inquiry: Music for sociocultural and political expression, Music for listening and performance, Music for dramatic impact, movement and entertainment and Music technology in the electronic and digital age. At HL, Students will complete four recorded/written assessments: Exploring Music in Context, Experimenting with Music, Presenting Music and The Contemporary Music Maker. At the end of Year 2, students may opt to submit their IB Music HL assessments to IB to potentially earn college credit. IB Music HL will be run within the Symphony Band, Choir, Orchestra or Jazz Ensemble class sections as a blended course.

WRITING FOR STAGE AND SCREEN (P)

Course Code: 70403

Length: 1 Trimester (5 Units)

Prerequisite: Video Production 1 or Drama 1 or Instructor consent

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: This course focuses on the art of writing scripts for both the movie industry and for the theatrical stage. Students will first learn basic formatting of scripts and the differences between scripts for filming and scripts for performing and what information each script needs. Then, utilizing a two tiered approach, students will begin the writing feedback, and revision process for scripts in both disciplines. The class will culminate with each student choosing a script they have previously written in the class and developing it into a full one-act play or short film which will then be stored for possible performing/filming in future advanced classes.

THEATER ARTS 1 (P)

Course Code: 70410

Length: 1 Trimester (5 Units)

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: Students will learn basics of dramatic performance and literature, and are provided exposure to technical theater and theater history. Students will learn the foundations of performance: pantomime, improvisation, voice, diction, movement and technical theater.

THEATER ARTS 2 (P)

Course Code: 70420

Length: 1 Trimester (5 Units)

Prerequisite: Theater Arts 1

College: UC/CSU "f" VPA Requirement when taken with Drama 1

Grade level: 9 - 12

Description: The second part of the drama sequence will build on what students began in Theater Arts 1. In addition, students will complete a variety of performance pieces and written assignments that will demonstrate practical and critical thinking skills and meet performance criteria.

THEATER ARTS 3-8 (P)

Course Code: 70420

Length: 1 Trimester (5 Units)

Prerequisite: Theatre Arts 2

Grade Level: 9-12

Description: Students will build upon the skills and knowledge they obtained in Theatre Arts 1 and Theatre Arts 2 to produce informal and formal performances that will steadily grow longer and more challenging. Throughout the course, students will explore all aspects of theater by creating original pieces of theater, performing scripted original creations and/or devised theater, as well as responding to a variety of different forms of theater. Students will work in larger and larger groups until eventually the class culminates with a performance that utilizes all the students working as a single, cohesive unit.

ADVANCED THEATER WORKSHOP (P)

Course Codes: 70450/70460/70470

Length: 1 Trimester (5 Units Each)

Prerequisite: Drama 1 and 2

College: UC/CSU "f" VPA Requirement

Grade level: 9 - 12

Description: Students apply processes and skills in acting, designing and producing formal theater productions. Students undergo the entire rehearsal/ production process as either a performer or technical support member. Student actors will make acting choices using script analysis, character research, reflection and revision to create characterizations effectively portraying their role(s) in the play. Student technical staff will design all technical elements, i.e., sets, props, costumes, hair and make-up, lighting and sound effects, and provide technical support during performances. Students complete a specified portfolio process to document their entire formal production experience.

IB THEATER ARTS SL (IB)(P)

Course Codes: 70475/70476/70477

Length: 3 trimesters (15 Units)

College: UC/CSU "f" Visual and Performing Arts Requirement (A and B)

Grade Level: 11 or 12

Description: Theater Arts IB Standard Level offers students both individual and collaborative experiences and engagement in a variety of theater activities, practices and tradition. Students will engage in all aspects of creating theater, including set and costume design, lighting, casting, script writing, scene blocking, and performance. IB Theater emphasizes student participation as creators of theater, not merely participants in theater. Students will gain knowledge of theatrical traditions from other cultures and theatrical genres and apply research to develop their performance pieces. Student activities will engage them in analytical and imaginative interpretation of performance, ask them to reflect on personal growth, and demonstrate initiative and perseverance in individual and group projects.

IB THEATRE ARTS HL 1 (IB)(P)

Year one of a two year long course sequence

Course Codes: 70481/70482

Length: 2 trimesters (10 Units)

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade Level: 11

IB THEATRE ARTS HL 2 (IB)(P)

Year two of a two year course sequence

Course Codes: 70485/70486

Length: 2 trimesters (10 Units)

Prerequisite: "C" or better in Theater Arts IB HL 1

College: UC/CSU "f" Visual and Performing Arts Requirement

Grade Level: 12

Description: Theater Arts IB HL1 and Theater Arts IB HL 2 is a two-year course sequence. It offers students both individual and collaborative experiences and engagement in a variety of theater activities, practices and traditions. Students will engage in all aspects of creating theater, including set and costume design, lighting, casting, script writing, scene blocking, and performance. IB Theater emphasizes student participation as creators of theater, not merely participants in theater. Students will gain knowledge of theatrical traditions from other cultures and theatrical genres and apply research to develop their performance pieces. Student activities will engage them in analytical and imaginative interpretation of performance, ask them to reflect on personal growth, and demonstrate initiative and perseverance in individual and group projects.

IB DANCE SL A/B/C (IB)(P)

Course Codes: 23050/23051/23052

Length: 3 trimesters (15 units)

College: UC/CSU "f" VPA requirement

Grade Level: 11-12

Description: IB Dance SL is a comprehensive college-level dance course. IB Dance SL students should have a strong interest in studying, creating and performing dance. The IB Diploma Programme dance course curriculum aims for a holistic approach to dance, and embraces a variety of dance traditions and dance cultures—past, present and looking towards the future. Students will be expected to choreograph, perform, and critique dance, and performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. This course facilitates the development of students who may become choreographers, dance scholars, performers or those, more broadly, who seek life enrichment through dance. In order to complete the IB Dance SL course, students will be required to choreograph their own dances and offer analysis of the composition process. Students will also be required to explore, compare and contrast dances from different cultures and/or traditions. Students may opt to submit their IB Dance SL assessments to IB to potentially earn college credit.

IB DANCE HL 1 A/B (IB)(P)

Year one of a two year course sequence

Course Codes: 23060/ 23061

Length: 2 trimesters (10 Units)

College: UC/CSU "f" VPA requirement, UC Honors credit

Grade Level: 11

IB DANCE HL 2 A/B (IB)(P)

Year two of a two year course sequence

Course Codes: 23070/23071

Length: 2 trimesters (10 Units)

Prerequisite: Successful completion of IB Dance HL1

College: UC/CSU "f" VPA requirement, UC Honors credit

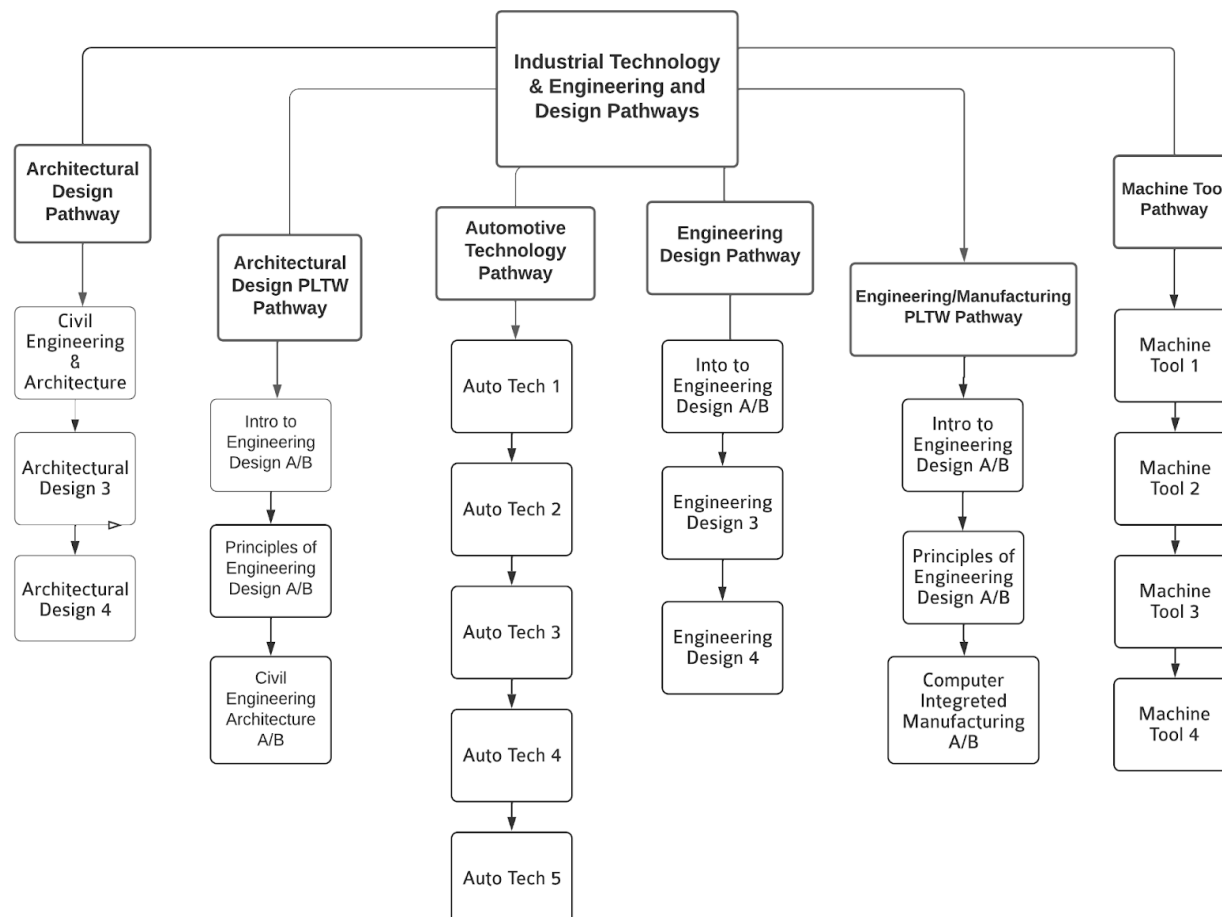
Grade Level: 12

Description: IB Dance HL 1 and IB Dance HL 2 is a two-year comprehensive college-level dance course that covers a similar curriculum to IB Dance SL but in more depth. IB Dance HL students should have a strong interest in studying, creating and performing dance. The IB Diploma Programme dance course curriculum aims for a holistic approach to dance, and embraces a variety of dance traditions and dance cultures—past, present and looking towards the future. Students will be expected to choreograph, perform, and critique dance, and performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. This course facilitates the development of students who may become choreographers, dance scholars, performers or those, more broadly, who seek life enrichment through dance. In order to complete the IB Dance HL course, students will be required to choreograph their own dances and offer analysis of the composition process. Students will also be required to explore, compare and contrast dances from different cultures and/or traditions. Students may opt to submit their IB Dance HL assessments to IB to potentially earn college credit.

CAREER AND TECHNICAL EDUCATION (CTE) COURSES

INDUSTRIAL TECHNOLOGY & ENGINEERING AND DESIGN

The Industrial Technology program examines the wide variety of technical skills that are used in industry today. These include basic mechanical skills, safe use of tools and equipment, blueprint reading, welding, maintenance and repair of automobiles, architectural design and alternative forms of energy. Courses include both elementary and advanced work in metals, electronics, architectural design and technical drawing.



INTRODUCTION TO ENGINEERING DESIGN A/B (PLTW)(P)

Course Codes: 52007/ 52008

Length: 2 Trimesters (10 Units)

Grade Level: 9-12

College: UC/CSU “g” Elective Requirement

Description: In PLTW Introduction to Engineering Design (IED), students work individually and collaboratively on activities and projects to learn various aspects of engineering design including material selection, human-centered design, manufacturability, ease of assembly, and sustainability. Students develop skills in technical representation and documentation through three-dimensional (3D) computer modeling using a Computer Aided Design (CAD) application to produce precise 3D-printed engineering prototypes using an additive manufacturing process. Students will design and create an automata box as a final project using a laser cutter.

PRINCIPLES OF ENGINEERING A/B (PLTW)(P)

Course Codes: 52017/ 52018

Length: 2 Trimesters (10 Units)

Grade Levels: 10-12

College: UC/CSU “d” Lab Science Requirement

Prerequisite: Completion of Geometry

Description: Principles of Engineering exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study, including mechanisms, electronics, robotics, energy sources, energy applications, fluid power, statics, material properties, material testing, statistics and kinematics. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through Activity-, Project-, and Problem-Based (APPB) learning. Used in combination with a team approach, APPB learning challenges students to continually hone their interpersonal and problem-solving skills along with their creative abilities focused on engineering concepts. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various engineering challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

COMPUTER INTEGRATED MANUFACTURING A/B (PLTW)(P)

Course Codes: 83370/83371

Length: 2 Trimesters (10 units)

Grade Level: 11-12

College: UC/CSU "g" Elective Requirement

Prerequisite: Introduction to Engineering Design and Principles of Engineering or Machine Tool 1

Description: Computer Integrated Manufacturing is one of the specialization courses in the PLTW Engineering Pathway. This course deepens the skills and knowledge of an engineering student within the context of efficiently creating the products all around us. Students build upon their Computer Aided Design (CAD) experience through the use of Computer Aided Manufacturing (CAM) software. CAM transforms a digital design into a program that a Computer Numerical Controlled (CNC) mill uses to transform a block of raw material into a product designed by a student. Students learn and apply concepts related to integrating robotic systems; such as, Automated Guided Vehicles (AGV) and robotic arms into manufacturing systems. Throughout this course, students learn about manufacturing processes and systems. This course culminates with a capstone project where students design, build, program, and present a manufacturing system model capable of creating a product.

CIVIL ENGINEERING AND ARCHITECTURE A/B (P)

Course Codes: 52015/ 52016

Length: 2 Trimesters (10 Units)

Grade Levels: 10-12

College: UC/CSU "g" Elective Requirement

Prerequisite: "C" or better in Geometry; consent of instructor

Description: Civil Engineering and Architecture (CEA) is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many aspects involved in building design and construction: including, building components and systems, structural design, stormwater management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry. The major focus of the CEA course is to expose students to the design and construction of residential and commercial building projects, communication methods, engineering standards, and technical documentation and how design teams work. Through activities, projects and design problems, students will analyze, design and build electronic and physical models of residential and commercial facilities. While producing these designs students will continually hone their interpersonal skills, creative abilities and understanding of the design construction process.

ARCHITECTURAL DESIGN 3

Course Code: 52035

Length: 1 Trimester (5 Units)

Grade Level: 10 - 12

Prerequisite: Civil Engineering and Architecture

Description: Students develop knowledge and skills in residential construction and architectural communication. Students will begin developing a working floor plan.

ARCHITECTURAL DESIGN 4

Course Code: 52045

Length: 1 Trimester (5 Units)

Grade Level: 10 - 12

Prerequisite: Architectural Design 3

Description: The continuation of Architectural Design 3 will teach students to produce a set of working drawings for a residential design, including floor and electrical plans, plot plans, elevation plans and related details drawings, interior and exterior perspectives, isometric drawings and renderings using CAD drawing and study model techniques.

ENGINEERING DESIGN 3

Course Code: 50055

Length: 1 Trimester (5 Units)

Grade Level: 10 - 12

Prerequisite: Introduction to Engineering Design

Description: A variety of drafting areas are included in this course such as dimensioning, tolerancing and geometric construction, as well as working and assembly drawings.

ENGINEERING DESIGN 4

Course Code: 50065

Length: 1 Trimester (5 Units)

Grade Level: 10 - 12

Prerequisite: Engineering Design 3

Description: This is a continuation of Engineering Design 3 with experiences in related career areas such as mold design, electronic drafting, CAM design and structural design. *This is the third course in the Engineering Design Pathway*

AUTOMOTIVE TECHNOLOGY 1

Course Code: 58010

Length: 1 Trimester (5 Units)

Grade Level: 10-12

Description: This beginning course teaches students about the operation of the automobile through lecture and laboratory work. Students will learn basic principles of maintenance and care of the automobile through the topics of safety, engines, electrical systems, cooling and lubrication.

AUTOMOTIVE TECHNOLOGY 2

Course Code: 58020

Length: 1 Trimester (5 Units)

Grade Level: 10-12

Prerequisite: Automotive Technology 1

Description: This continuation of Automotive Technology 1 teaches students about the operation of the automobile through lecture and lab work. Students will learn the basic principles of maintenance and care of the automobile through the topics of drivetrains and axles, suspensions, steering and brakes.

ADVANCED AUTOMOTIVE TECHNOLOGY 3

Course Code: 58040

Length: 1 Trimester (5 Units)

Grade Level: 10-12

Prerequisite: Automotive Technology 2 with a "C" or better

Description: In this course, students will learn how to diagnose and service the major systems of the automobile, such as engines, electrical systems, cooling and lubrication, and drivetrains.

ADVANCED AUTOMOTIVE TECHNOLOGY 4

Course Code: 58050

Length: 1 Trimester (5 Units)

Grade Level: 10-12

Prerequisite: Automotive Technology 3 with a "C" or better

Description: The continuation of Automotive Technology 3 provides students with an opportunity to learn how to diagnose, repair and service the major systems of the automobile, such as transmissions, clutches, axles, suspensions, steering and brakes.

MACHINE TOOL 1

Course Code: 55010

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Description: This course is an introduction to the metal industry. Students use some of the traditional metal working machines and hand tools. Topics include shop safety, hand tools, lathe, milling machine, measurement and CAD/CAM machining. Topics are taught using both class lectures and assigned projects. This course is recommended for students planning a career in the engineering or manufacturing industries.

MACHINE TOOL 2

Course Code: 55020

Length: 1 Trimester (5 Units)

Grade Level: 9 -12

Prerequisite: Machine Tool 1

Description: In this second course, students use skills from Machine Tool 1 and are assigned projects that are more complex. Students are given the opportunity to produce a project on their own.

ADVANCED MACHINE TOOL 3

Course Code: 59040

Length: 1 Trimester (5 Units)

Grade Level: 10-12

Prerequisite: Machine Tool 2

Description: In this third course, students are required to design and produce projects using their own designs. There is additional emphasis on project development and technical writing. Students work on an individual basis to develop skills in advanced metal work.

ADVANCED MACHINE TOOL 4

Course Code: 59050

Length: 1 Trimester (5 Units)

Grade Level: 10-12

Prerequisite: Advanced Machine Tool 3

Description: In this course students will design and produce projects on their own. There is additional emphasis on project development and technical writing. Students work on an individual basis. Students may also arrange with instructor for an independent study contract to develop skills in advanced metal work

ROBOTICS 1

Course Code: 46005

Length: 1 Trimester (5 units)

Grade Level: 9 - 12

Description: Robotics is an entry-level course for students interested in exploring careers in science, engineering or technology-related fields. Students will be introduced to theoretical and practical concepts related to robotics, control systems, programming, electronics and mechanics. Students will work in structured teams to solve problems and create robots to perform specified tasks.

ROBOTICS 2

Course Code: 46006

Length: 1 Trimester (5 units)

Grade Level: 9 - 12

Description: Robotics 2 continues the study and application of concepts developed in Robotics 1

EDUCATION, CHILD DEVELOPMENT AND FAMILY SERVICES

HUMAN DEVELOPMENT AND RELATIONSHIPS (P)

Course Code: 66050

Length: 1 Trimester (5 Units)

Grade Level: 11-12

College: UC/CSU "g" Elective Requirement

Description: Human Development and Relationships is a one trimester course in the Consumer Family Department that explores human development while introducing theories of how and why people grow and learn. Students will examine the foundations of development and stages of growth focusing on; prenatal, infancy, toddlerhood, adolescence, and early adulthood. Students will investigate the life cycle of families; dating, marriage, and parenting. Participants will practice newly learned parenting skills in caring for a computerized baby. A variety of careers relevant to the field will be explored and employability skills will be applied through various activities. This is a concentrator course for the Family and Human Services Career Pathway.

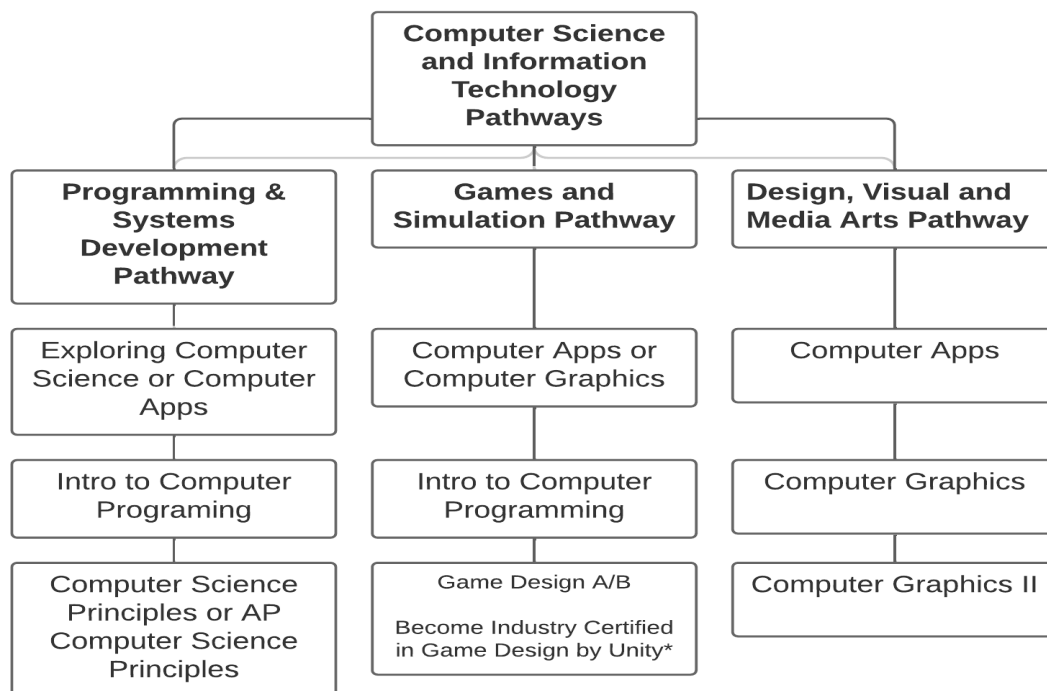
DEVELOPMENTAL PSYCHOLOGY OF CHILDREN I & II (ROP)(P)

See page 67 in the ROP Courses for course information

HIGH SCHOOL TUTOR

See page 74 in Non-Departmental Courses for course description.

COMPUTER SCIENCE & INFORMATION TECHNOLOGY



EXPLORING COMPUTER SCIENCE A/B (P)

Course Codes: 43510/43511

Length: 2 Trimesters (10 units)

Grade Levels: 9 -12

College: UC/CSU “g” Elective Requirement

Prerequisite: “C” or better in Algebra 1 A/B or teacher approval

Description: Exploring Computer Science is a rigorous curriculum that develops high-level computing skills. The curriculum makes use of real world, socially relevant, interdisciplinary, and creative applications of computing. It is a yearlong course consisting of six units of study: human/computer interaction, problem solving, web design, programming, data modeling, and robotics. Ethical and social issues in computing, and careers in computing, are woven throughout the six units. Assignments and instruction are contextualized to be socially relevant and meaningful for diverse student groups. Units utilize a variety of tools and platforms, and culminate with final projects based on each of the six major units. *Students are not required to take the A/B sections in the same school year but it is recommended.*

COMPUTER APPLICATIONS

Course Code: 45080

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Description: This is an elective course that introduces students to computer operations, keyboarding, and productivity software. In this course, students will learn basic computer operations, including use of the internet. Students will explore the use of word processing, spreadsheet, and presentation software to create a variety of business documents. Students will also explore computer graphics and take a brief look into programming.

INTRODUCTION TO COMPUTER PROGRAMMING (P)

Course Code: 44100

Length: 1 Trimester (5 units)

Prerequisite: Algebra 1 A/B

College: UC/CSU “g” Elective

Grade 9-12

Description: Introduction to Computer Programming is an elective course that introduces students to the field of programming and computer science using the C# programming language. Students will learn how to create various user interfaces, use variables and data types, and write programming constructs and algorithms.

COMPUTER GRAPHICS I

Course Code: 45020

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Prerequisite: Computer Applications, Exploring Computer Science or Introduction to Computer Programming

Description: This course is designed for computer literate students who wish to expand their computer and creative skills and learn how to apply them to Graphic Design. Using the Adobe Creative Suite of products, including Photoshop and Illustrator, students will learn how to produce professional quality flyers, brochures and advertisements. Students complete work on a variety of graphic design projects with an emphasis on the needs of business enterprises. Students will build an individual portfolio of sample work.

COMPUTER GRAPHICS II

Course Code: 45030

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Prerequisite: Computer Graphics 1

Description: The course is an extension of Computer Graphics 1 and is an opportunity for students who are interested in pursuing a career in Graphic Design or Print Production. Students will further develop the skills learned in Computer Graphics 1 through a combination of instruction and the completion of actual jobs for clients in the school and local community. *This course may be repeated for credit.*

WEB PAGE DESIGN

Course Code: 45005

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Prerequisite: Exploring Computer Science or Introduction to Computer Programming

Description: Students learn how to create personal and professional-style web pages and publish them on the web using Adobe Creative Suite applications such as Dreamweaver, Fireworks and Flash. The topics we cover are page layout and design, importing images, style sheets, interactive pages (forms), graphic design, animation and internet privacy and ethics.

GAME DESIGN 1 A/B (P)

Course Codes: 44400/ 44401

Length: 2 Trimesters (10 Units)

Grade Level: 10 - 12

College: UC/CSU "g" Elective Requirement

Prerequisite: Exploring Computer Science or Introduction to Computer Programming

Description: This course is part of our Game Design and Integration Pathway, which prepares students for careers within the game design industry and other related technical fields. Over the course of study, students will develop foundational knowledge in game design, computer software, animation, graphics, and hardware. Participants will learn how to integrate previous knowledge and skills in mathematics, physics, English language arts, social science, and entrepreneurship and will apply them to the Game Design Industry Standards. Students will learn the 21st Century skills of creativity, critical thinking, communication, collaboration, and technical expertise while increasing their employability for the current job market. In Game Design 1, students will learn the principles of game theory, basic programming, technical reading, writing, drawing, and animation. Students will use industry standard tools, working individually and collaboratively, to create a variety of two-dimensional games in the traditional and digital formats.

COMPUTER SCIENCE PRINCIPLES A/B (PLTW)(P)

Course Codes: 43500/43501

Length: 2 Trimesters (10 units)

Grade Levels: 10-12

College: UC/CSU "d" Science Requirement

Prerequisite: Algebra I and Exploring Computer Science or Introduction to Computer Programming

Description: This course is part of our Project Lead the Way curriculum, emphasizing the power of computational thinking and analytical inquiry. The 4 units of study are: 1) Algorithms, which covers concepts such as iteration, objects, classes, events, and code efficiency; 2) The Internet, including code writing, networking concepts, privacy, and security; 3) Data Information Science, which introduces discrete mathematics, probability and association, and data visualization; 4) Intelligent Behavior where students predict solutions and develop strategies for handling large projects.

AP COMPUTER SCIENCE PRINCIPLES A/B (PLTW)(AP)(P)

Course Codes: 47078/47079

Length: 2 Trimesters (10 units)

Grade Levels: 10 - 12

College: UC/CSU "d" Lab Science Requirement; counts as student's 3rd or 4th recommended year of science

Prerequisite: "C" or better in Introduction to Computer Programming or Exploring Computer Science Grade

Description: AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. Through the course, students will be introduced to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Students will also have the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. Through the AP Computer Science Principles course, students will be provided with valuable skills that will benefit them in many future areas of study and careers. Using Python® as a primary tool and incorporating multiple platforms and languages for computation, students will develop computational thinking, learn about career paths that utilize computing, and will be introduced to professional tools that foster creativity and collaboration. Through this course, students will complete the AP Computer Science Principles Digital Portfolio and will gain support in learning the standards on the AP Computer Science Principles test.

AP COMPUTER SCIENCE A/B (AP)(P)

Course Codes: 47060/47065

Length: 2 Trimesters (10 units)

Grade Levels: 11 - 12

College: UC/CSU "c" Mathematics

Prerequisite: "C" or better in Computer Science Principles or Exploring Computer Science or Introduction to Computer Programming or AP Computer Science Principles

Description: AP Computer Science A is designed for students seeking an in-depth study of computer science for the purpose of taking the Computer Science A Advanced Placement Test. A major component of the course is built around the development of computer programs that correctly solve a given problem. This course emphasizes design issues that make programs understandable and adaptable. Accordingly, students will learn how to develop and analyze algorithms, how to develop and use data structures, how to recognize and adapt standard algorithms and typical applications, and how to understand basic hardware and software components of computer systems. *If a student plans to take both AP Computer Science Principles and AP Computer Science, it is recommended that AP Computer Science Principles should be taken first.*

IB COMPUTER SCIENCE SL A/B/C (IB)(P)

Pending UC/CSU approval

Course Codes: 43540/43541/43542

Length: 3 Trimesters (15 units)

Grade Level: 11 - 12

College: UC/CSU Honors "d" Science Requirement

Prerequisite: "C" or better in Computer Science Principles or Exploring Computer Science or Introduction to Computer Programming or AP Computer Science Principles, or instructor approval

Description: IB Computer Science Standard Level (SL) SL A/B/C focuses on enabling and empowering student innovation, exploration, and the acquisition of further knowledge of computer science. Topics covered in the SL course include System fundamentals, Computer organization, Networks, and Computational thinking, problem-solving and programming. Students will also study one of the following options: Databases, Modelling and simulation, Web science or Object-oriented programming (OOP). Students will learn how to think procedurally, logically, concurrently, abstractly, and recursively, to utilize an experimental and inquiry-based approach to problem-solving and to develop algorithms and express them clearly. Students will also become aware of how computer scientists work and communicate with each other and with other stakeholders in the successful development and implementation of IT solutions and learn hands-on real-world practical application of skills through the development of a product. In this project, students will work with members of the community as "clients" to identify a problem or unanswered question, design, prototype and test a proposed solution, and work with their clients to evaluate the success of the proposed solution and make recommendations for future developments. Examples of possible solutions include creating a new system, such as an OOP program, a relational database, a simulation or a stand-alone/ web-based application, or adding functionality to an existing system, such as connecting a webpage(s) to a database, writing a function for Moodle, writing a plug-in, or developing a stand-alone application. Students may be eligible to earn college credit by taking the IB Computer Science SL

IB COMPUTER SCIENCE HL 1 A/B (IB)(P)

Pending UC/CSU "d" science approval

Year one of a two year course sequence

Course Codes: 43545/43546

Length: 2 Trimesters (10 units)

Grade Level: 11

College: UC/CSU Honors "d" Science Requirement - Pending

Prerequisite: "C" or better in Computer Science Principles or Exploring Computer Science or Intro to Computer Programming or AP Computer Science Principles, or instructor approval

Description: IB Computer Science Higher Level (HL) 1 A/B is the first year of a two-year course focusing on enabling and empowering student innovation, exploration and the acquisition of further knowledge of computer science. Topics covered in the HL course include System fundamentals, Computer organization, Networks, Computational thinking, problem-solving and programming, as well as the HL extension topics of Abstract data structures, Resource management and Control. HL Students will also learn through Case Studies and study one of the following options: Databases, Modelling and simulation, Web science or Object-oriented programming (OOP). Students will learn how to think procedurally, logically, concurrently, abstractly, and recursively, to utilize an experimental and inquiry-based approach to problem-solving and to develop algorithms and express them clearly. Students will also become aware of how computer scientists work and communicate with each other and with other stakeholders in the successful development and implementation of IT solutions and learn hands-on real-world practical application of skills through the development of a product. In this project, students will work with members of the community to identify a problem or unanswered question, design, prototype and test a proposed solution, and work with clients to evaluate the success of the proposed solution and make recommendations for future developments. Examples of possible solutions include creating a new system, such as an OOP program, a relational database, a simulation or a stand-alone/ web-based application, or adding functionality to an existing system, such as connecting a webpage(s) to a database, writing a function for Moodle, writing a plug-in, or developing a stand-alone application. Students may be eligible to earn college credit by taking the IB Computer Science HL Exam at the end of year two of the course.

PLTW CYBERSECURITY A/B (PLTW)(P)

Course Codes: 52081/52082

Length: 2 Trimesters (10 Units)

Grade Level: 10 - 12

College: UC/CSU "d" Science

Prerequisite: Introduction to Computer Programming or Exploring Computer Science or CSP

Description: This course is part of our Project Lead the Way (PLTW) curriculum, emphasizing the power of computational thinking and analytic inquiry. PLTW Cyber Security provides students with a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, "outside-the-box" thinking. Students will master informational technology fundamentals such as an understanding and application of personal cybersecurity, system security, network security, and applied cybersecurity. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. In addition, the course will help prepare students to pursue the Security + Certification Exam.

CYBERSECURITY: ICT ESSENTIALS I (ROP)(P)

See page 70 in the ROP Courses for course information

BUSINESS, FINANCE AND MARKETING

Granada offers several courses that will prepare students for a future in business, some of which are a part of the ROP program. These courses are ideal for students with an interest in the workings of various types of businesses and marketing, and integrate many hands-on learning opportunities.

INTRODUCTION TO BUSINESS CAREERS

See page 71 in the ROP Courses for course information

ECONOMICS OF BUSINESS OWNERSHIP (ROP)(P)

See page 71 in the ROP Courses for course information

INTEGRATED MARKETING COMMUNICATIONS (ROP)(P)

See page 72 in the ROP Courses for course information

CULINARY

FOODS/HEALTHY LIVING 1

Course Code: 65010

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Description: This is an introductory, one-trimester core course emphasizing a healthy lifestyle. It serves as a foundation for Home Economics Careers and Technology (HECT) career pathways. This course will incorporate nutrition knowledge and choices, food safety and sanitation, kitchen equipment, table service, meal etiquette and consumer guidelines for wise decision-making. Students gain skills through hands-on food preparation using a variety of recipes.

INTERNATIONAL CUISINE

Course Code: 65000

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Prerequisite: Completion of Foods/Healthy Living with a grade of "C" or better

Description: International Cuisine is an intermediate one trimester course that explores global awareness of cultural food habits and traditions, ingredients, equipment and cooking techniques. A variety of cultural foods such as Chinese, Italian, French, and Mexican, will be studied. Students will explore and research additional countries and report to class.

REGIONAL FOODS (FOODS 2)

Course Code: 65020

Length: 1 Trimester (5 Units)

Grade Level: 9 - 12

Prerequisite: Completion of Foods/Healthy Living with passing grade

Description: This is an intermediate one trimester course concentrating on the historical and regional cuisines of the United States. Emphasis will be placed on continued studies of concepts in nutrition and health, food preparation, techniques, and equipment, herbs and spices and easy adaptations of classic recipes.

CULINARY ARTS I

Course Code: 65030

Length: 1 Trimester (5 Units)

Grade Level: 11-12

Prerequisite: Completion of Foods/Healthy Living and one additional foods class with a passing grade

Description: Culinary Arts I is an in-depth one semester course, which emphasizes advanced culinary skills. During this course, the instructor will provide students with the most current trends in gourmet food preparation and presentation, utilizing the use of technology. This course will provide skills in the area of food services and hospitality. These lessons are applicable to a capstone course in food service in the career pathway for Hospitality, Recreation and Tourism industry sector. The students receive training in kitchen safety and sanitation, equipment and facility use, knife skills, food preparation to include: cold pantry, salads, soups and sauces, meats and poultry. Students will participate in the planning, costing, preparation, serving, storage, and critique of meals in project-based learning. Nutrition and applied academic skills are incorporated in each unit. Career seeking and transferable skills are incorporated into this curriculum culminating in a portfolio.

CULINARY ARTS II

Course Code: 65035

Length: 1 Trimester (5 Units)

Grade Level: 11-12

Prerequisite: Completion of Culinary I or consent of instructor

Description: An in-depth one-trimester course which presents a wide range of dough-based products from pastries to yeast breads and a variety of baked goods such as cakes, cookies, and custards. Professional procedures in the Food Service and Hospitality sector will be emphasized while practicing industry standards for safety, sanitation, costing, presentation, menu planning, and career options. Community College credit available.

REGIONAL OCCUPATIONAL PROGRAM (ROP)

Tri-Valley Regional Occupational Program (ROP) offers career-technical classes to high school students. ROP provides elective courses that satisfy A-G requirements for UC and CSU, college credit through partnerships with local community colleges, preparation for college and careers through rigorous and relevant instruction, hands-on learning and internships, and instruction by industry professionals.

ROP classes are designed to expose students to industry sectors including:

- Arts, Media and Entertainment
- Education, Child Development & Family Services
- Health Services and Medical Technology
- Information and Communications Technologies
- Marketing, Sales and Service
- Public Services
- Transportation

REGISTRATION

High school students select ROP classes during the annual course selection time. Students interested in taking an ROP course should speak to the College and Career Specialist in the Counseling and Career Center for any prerequisites or class requirements that may apply. Some classes require students to submit an application, interview and/or attend an orientation in the spring, prior to the academic year that the student plans to take the course. If selected, students commit to enroll for the duration of the class. Students must provide their own transportation for off-campus courses.

HIGH SCHOOL CREDIT

Credit for ROP courses is determined by the number of hours in which the student is enrolled. A two period course equals 20 credits per year, while a one period course equals 10 credits per year. Some ROP courses offer flexible credits and offer the opportunity to earn more than 10 credits per year per course.

COMMUNITY COLLEGE ARTICULATION

Most ROP courses are articulated with local community colleges and allow students to earn college credits by successfully completing the ROP course. Additionally, many ROP courses offer special certifications following course completion.

OFF-SITE ROP COURSES

Some ROP courses are located off-campus at other school sites or community sites as noted in the course description. Enrollment in these off-campus courses will require the student to travel and coordinate with their school sites any schedule changes and conflicts. *Further explanation/information is available from our College and Career Specialist located in the Counseling and Career Center. Additional information about the ROP program can be found on their website, www.tvrop.org.*



ARTS, MEDIA AND ENTERTAINMENT ROP COURSES

VIDEO GAME ART & DESIGN (ROP)(P)

Course Codes: 83345/83346/83347

School Site: [Dublin High School](#)

Length: 1 Year/1 Period - 10 Units

Grade Level: 11 - 12

College: UC/CSU "f" Visual & Performing Arts Requirement

College Credits: 3 Units

Certificate Earned: Prepares students for the Adobe Certified Associate and Autodesk Certified User (Dublin High School is a testing center for Certiport)

Description: Video Game Art & Design students get hands-on experience working in Autodesk Maya learning the skills to be a 3D Modeler. Students spend the majority of the year exploring the methods used to develop 3D models for games, including the ability to prepare and generate textures for their models in Adobe Photoshop. The class also touches on game engines, such as Unreal and Unity, as well as 3D sculpture tools Zbrush and Mudbox. While exploring the development of games, students learn about ludology, the theory of gameplay, in order to understand why people play games and their reaction to game mechanics. All students will develop a portfolio of their work, which can be used when seeking internships and/or to gain admission in post-secondary game design programs. Students may also complete the Autodesk Certified User and Adobe Certified Associate certification exams.

ANIMATION & MOTION GRAPHICS I (ROP)(P)

Course Codes: 83155/ 83156/ 83157

School Site: [Dublin High School](#)

Length: 1 Year/2 Periods - 20 Units

Grade Level: 11 - 12

College: UC/CSU "f" Visual & Performing Arts Requirement

College Credit: 3 Units

Certification Earned: Prepares students for the Adobe Certified Associate and Autodesk Certified User (Dublin High School is a testing center for Certiport)

Description: Animation students develop their mastery of the skills required to be a professional digital graphic artist or animator. Animation and Motion Graphics combines theory, such as the 12 Principles of Animation, with the knowledge to expertly navigate and use the various digital design programs. Throughout the year, we will be using Adobe Photoshop for digital editing and pre-production, followed by ToonBoom Harmony for our 2D Animation or Autodesk Maya for our 3D work. Students learn the steps of working through a professional animation work-flow, working on our new iMac workstations daily and with access to our assortment of Wacom drawing tablets. Projects from this class are shared through internet media such as YouTube, for purposes of leaving the class with a final portfolio of your work to show to possible employers or college institutions. Students may also complete the Autodesk Certified User and Adobe Certified Associate certification exams.

HONORS ARTIST PORTFOLIO (ROP)(P)

Course Codes: 83090/ 83091/ 83092

School Site: [Dublin High School](#)

Length: 3 Trimesters - 10 Units

Grade Level: 12

College: UC/ CSU "f" Visual & Performing Arts Requirement

Certificate Earned: Prepares students for the Adobe Certified Associate and Autodesk Certified User

Description: The Honors Artist Portfolio course is a challenging course that focuses on building a body of work for student's professional portfolios. Successful students will demonstrate their development of technical skills and application of the elements and principles of art. The class will focus on the strengthening of independent thinking and creativity, the development of personal style and technique, as well as critical thinking skills through problem solving. This course is designed for students who are committed to improving their skills in visual art and are planning to take AP Studio Art and/or pursue art in college and career. Coursework will expose students to art through history from international cultures and movements. Students will do written analysis and critique of their own art and other artists, and review and respond to a current gallery or museum exhibition. During the class, students will write formal self and group critiques, analysis and statements about artwork. Honors Artist Portfolio students will participate in preparing and exhibiting their work publicly.

EDUCATION, CHILD DEVELOPMENT AND FAMILY SERVICES ROP COURSES

DEVELOPMENTAL PSYCHOLOGY OF CHILDREN I (ROP)(P)

Course Codes: 83130/83135/83136

Length: 3 Trimesters (2 periods/day) - 20 units

School Site: Granada High School

Grade Level: 10 - 12

Prerequisite: Proof of a current TB Test, provided by the student, to work in the community

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: 6 Units

Certification: California Commission on Teacher Credentialing (CCTC), Early Childhood Assistant, CPR Cert

Description: Interested in a career involving children? Considering a career as a pediatrician, teacher, psychologist or social worker? If so, the Developmental Psychology of Children (DPOC) course is for you. DPOC is a course that combines classroom instruction and off-campus internships. That means you learn about the development of children, while you actually get to work with them. Internships take place during the scheduled class time at local elementary schools, child care centers or preschools. Opportunities for after-school paid internships are also available. Throughout the school year, you will study a variety of child growth and development topics, and you will learn how to work with children ages birth to adolescence. In addition, you will be trained in CPR. After successfully completing the course, you are eligible to receive transferable college credits (for free) from Las Positas College. Make a difference in a child's life and enroll in Developmental Psychology of Children.

DEVELOPMENTAL PSYCHOLOGY OF CHILDREN II (ROP)(P)

Course Codes: 83137/83138/83139

Length: 3 Trimesters (2 periods/day) - 20 units

School Site: TBD

Grade Level: 11-12

Prerequisite: Developmental Psychology of Children I

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: 6 Units

Certification: California Commission on Teacher Credentialing (CCTC), Early Childhood Assistant, CPR Certification

Description: This is an advanced course in child development and education. Students increase their knowledge, experience and job skills at an internship placement. Advanced projects further develop skills. Students will focus on: observation of children and programs; communicating with children, staff and parents; planning age-appropriate curriculum; and understanding the history, theories, philosophies and legal aspects of careers related to children.

HEALTH SCIENCE AND MEDICAL TECHNOLOGY ROP COURSES

MEDICAL OCCUPATIONS (ROP)(P)

Course Codes: 83210/83215/ 83216

Length: 3 Trimesters (2 periods/day) - 20 units

School Site: Granada High School

Grade level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: 6 Units

Certificate Earned: California Certified Medical Assistant Administrative (CCMA-A) (Must pass exam)

BLS CPR Certification

Requirements for Clinical: Current immunization record and CPR BLS Healthcare Provider training must be completed prior to the first day of class. Flu shot (required for all students per hospital policy) is administered in September. Quantiferon TB test is required to be completed 60 days prior to the beginning of clinical work-based learning placement. Additional immunizations may be required by employer partners (for example, COVID vaccination and booster). Clinical work-based learning placements require that students provide their own transportation. Students must be available for work-based learning placements daily. Uniforms Required.

Description: Medical Occupations provides an introduction and broad exploration into several careers within the medical field including: Medical Assisting, Emergency Medicine, Veterinary Medicine, Dental Assisting/Hygienist, Geriatric Assistant, Physical Therapy, Surgical Technician and Nursing. Instruction is combined with a hands-on learning experience through instructor approved clinical internships at local medical facilities. After completion of the course, students are eligible to take the California certification exam for Medical Assistants and become a California Certified Medical Assistant-Administrative (CCMA-A). *Spring orientation is required to become enrolled in the program and must be attended by the student and parent(s).*

INTRO TO HEALTH CAREERS (ROP)(P)

Course Codes: 83217/ 83218

School Site: [Livermore High School](#)

Length: 2 Trimesters (10 units)

Grade Level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: Up to 2 units with a "B" or better

Certificate Earned: BLS CPR Certification

Description: This course is designed to expose students to the healthcare industry by surveying the wide spectrum of health care occupations and equipping them with the entry level knowledge and skills that apply to a variety of health occupations. Students who successfully complete this course will acquire the necessary knowledge and skills that will allow them to pursue an education and career in the healthcare industry. Students will be trained in hands-on skills, taking vitals, etc. Students will earn their Basic Life Support CPR Certification. Students will develop a professional career portfolio, job shadow health care professionals and be required to earn volunteer service hours in the healthcare field and possibly qualify for the United Way Volunteer Service Award. This is highly desirable for college and entry level job applications.

NURSING CAREERS (ROP)(P)

Course Codes: 83275/83280/83281

School Site: [Foothill High School](#)

Length: 3 Trimesters (20 Units; all 3 trimesters are double-booked)

Grade Level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: 6 Units

Internship: Community Classroom (unpaid) Clinical Internship is a required component of the program and students must provide their own transportation.

Requirements for Clinical: 2 Step TB Clearance, flu shot, current immunization record and CPR BLS Healthcare Provider training. These prerequisites must be completed prior to the first day of school with the exception of the flu shot (required for all students per hospital policy) administered in October. Clinical internships require that students provide their own transportation and be available from 1:00-5:00 pm on weekdays for community classroom/internship scheduling.

Description: Nursing Careers offers a comprehensive introduction to the field of nursing while studying the care of patients and the role nurses provide in a variety of healthcare systems. Focus is given to the various specialties within the field and studies include a basic understanding of the systems of the body, medical terminology, diseases, basic patient care, taking vital signs, charting, medical ethics and understanding patient privacy laws. Instruction is combined with a hands-on learning experience through instructor approved internships at local hospitals, clinics and physician offices.

EMERGENCY MEDICAL RESPONDER (ROP)

Course Code: 83380

School Site: [Foothill High School](#)

Course Length: 10 weeks (5 Units)

Grade Level: 11 - 12

College Credit: 3 Units

Description: This course develops the knowledge and skills necessary for recognizing and caring for emergency situations,, including CPR, prevention of disease transmission, and automated external defibrillation. Designed for first responders in an emergency. Successful completion of the skills test with an 80% or better qualifies students for the American Safety and Health Institute (ASHI) First Responder certificate and an American Heart Association Basic Life Support Healthcare Provider certificate. *This class is held 2x a week in the evenings for 10 weeks during Fall or Spring semester. College credits are available.*

SPORTS MEDICINE/ATHLETIC TRAINER I (ROP)(P)

Course Codes: 83350/83351

Length: 2 Trimesters (15 units including required internship)

School Site: Granada High School

Grade Level: 10 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: Up to 8 units with grade of "B" or better

Internship: 60 hours of Community Classroom (unpaid) Internship, outside of the school day, is a required component of the program, and students must provide their own transportation as necessary.

Up to 5 additional units may be earned - 1 unit for every 18 hours of internship beyond the required hours.

Description: Sports medicine/athletic training is an exciting, growing field with employment opportunities in athletic training, sports medicine and physical therapy. Instruction encompasses the study of anatomy, physiology, nutrition, pharmacology and kinesiology to understand the aspects of the field. Students are introduced to associated medical terminology and the practice of classification and assessment of injuries. Through internships, students apply skills learned in class to the prevention of injuries, the understanding of human body modalities and rehabilitation, the procedures of training rooms, and the safety factors related to sports medicine.

SPORTS MEDICINE II (ROP)(P)

Course Codes: 83353/83354

School Site: Livermore High

Length: 2 trimesters (10 units)

Grade Level: 11 - 12

Prerequisite: Sports Medicine/Athletic Trainer I

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: Up to 4 Units

Internship: Up to 90 hours of community classroom (unpaid) internship, outside of the school day, is a required component of the program and students must provide their own transportation as necessary. Up to 5 additional units may be earned - 1 unit for every 18 hours of internship beyond the required 90 hours.

Required hours will differ based on semester/trimester schedules.

Description: Sports Medicine II provides an excellent opportunity for students to continue exploring their interest in the fields of health science and medicine. This class provides a framework of advanced skills for understanding functional anatomy and kinesiology, building on the concepts of anatomy/physiology learned in Sports Medicine I. The lecture/lab format focuses on clinical hands-on learning, including evaluation, assessment, treatment and events, assisting the Head Athletic Trainer or Team Physician, and working with other health care professionals. Integrated throughout the course are career technical education standards, which include basic academic skills, communication, career planning, technology, problem solving, safety, responsibility, ethics, teamwork and technical knowledge.

INFORMATION AND COMMUNICATIONS TECHNOLOGY ROP COURSES

CYBERSECURITY: ICT ESSENTIALS I (ROP)(P)

Course Codes: 44410/ 44411

School Site: [Livermore High School](#)

Length: 2 Trimesters(10 Units)

Grade Level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: 4 Units

Description: An in-depth exposure to computer hardware and operating systems. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Through hands-on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot problems. An introduction to computer networking is included.

INTERNET ENGINEERING I (CCNA1)(ROP)(P)

Course Codes: 83383/ 83384

School Site: [Livermore High School](#)

Length: 2 Trimesters (10 Units)

Grade Level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: 3 Units

Description: CCNA Routing and Switching curriculum is a gateway to entry-level networking jobs and IT Careers. The curriculum consists of 4, 70-hour courses: Introduction to Networks (Internet Engineering 1 (CCNA1)), Routing and Switching Essentials (Internet Engineering 2 (CCNA2)). Internet Engineering I is an interdisciplinary course designed to prepare students for post-secondary success in the Information and Communication Technologies (ICT) field. The course engages students with studies of: the history and implications of network communications; the protocols which make the Internet possible; how networks provide access to services; and college and career preparation in the ICT field. This course integrates the theory and application of network communications, and exposes students to media that invites them to consider how Internet engineers think, design, and solve problems. Students have several opportunities to produce college-ready writing, collaborate, research, develop study skills, and develop 21st century skills in this course. *This is the first course in a series of three that prepares students for the Cisco CCNA Networking Certification and the A+ Certification Exam.*

INTERNET ENGINEERING II (CCNA2)(ROP)(P)

Course Codes: 83385/ 83386

School Sites: Livermore High School

Length: 2 Trimesters (10 Units)

Grade Level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: 3 Units

Description: Internet Engineering II is a follow-up course to Internet Engineering I. It is designed to prepare students for postsecondary success in the Information and Communication Technologies (ICT) field. The course engages students with studies of the network protocols which make the Internet possible; how networks communicate with one another; methods used to increase scalability, reliability, and security in the modern network; and college and career preparation in the ICT field. This course integrates the theory and application of network communications, exposing students to media that invites them to consider how Internet engineers think, design, and solve problems. Students will produce college-ready writing, collaborate with peers and mentors, research solutions to complex challenges, improve student skills and strategies, and develop a Person Learning Network. *This is the second course in a series of three that prepares students for the Cisco CCNA Networking Certification and A+ industry certification.*

MARKETING, SALES AND SERVICE ROP COURSES

Economics of Business Ownership and Marketing are cooperative (co-op) work-based learning classes, in which students who are employed in a related field in which the course curriculum is directly associated with the students "on-the-job" experience are eligible to receive variable credits based on the number of hours worked. Students earn 1 credit for every 18 hours they work, up to 10-30 credits per year. Students are encouraged to work 10-15 hours per week at teacher approved sites in the Tri-Valley area with their current job. Note: Students must provide their own transportation.

INTRODUCTION TO BUSINESS/CAREERS

Course Code: 46032

Length: 1 Trimester (5 Units)

School Site: Granada High School

Grade Level: 9 - 12

Description: Introduction to Business Careers is a single trimester elective course that introduces students to the world of business. Students will explore the foundations of business operations and gain knowledge and skills required to succeed in today's marketplace. This is a recommended class for students in grades 9-12 who have an interest in general business or entrepreneurship.

ECONOMICS OF BUSINESS OWNERSHIP (ROP)(P)

Course Codes: 83260/83265

Length: 2 Trimesters (10 Units/up to 30 with Co-Op)

School Site: Granada High School

Grade Level: 10 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: Up to 7 units

Description: Learn the process of starting and managing a business. Students with an entrepreneurial interest learn skills related to organization, effective decision making, and goal setting. Students develop comprehensive business plans including research & development of ideas, product planning, finance and marketing. Students research how marketing, management, ethics and communication play an important role in business success. Students gain practical experience by managing a student-run business and receive training in constructing resumes, employment applications, cover letters and references and interviewing skills. Students complete a career portfolio to prepare for entry into the job market with a competitive edge. Business concepts and leadership skills are reinforced through co-curricular participation in the Career and Technical Student Organization, DECA. DECA is an integral component to this program and provides additional focus on developing written and oral presentation skills, as well as leadership and social professional skills that will build self-confidence for college and career success. DECA offers the opportunity for students to participate in competitive events throughout the year, in a variety of locations at local, state and international levels. Students have the opportunity to receive recognition, awards and scholarships. DECA is endorsed by the United States Department of Education and the California Department of Education.

INTEGRATED MARKETING COMMUNICATIONS (ROP)(P)

Course Codes: 83268/83269

Length: 2 Trimesters (10 Units /Up to 30 with Co-Op)

School Site: Granada High School

Grade Level: 10 - 12

College : UC/CSU "g" College-Prep Elective Requirement

College Credit: Up to 6 units

Description: Interested in business? Got an idea for a new business product? Are you creative? This course is designed to educate and prepare students for college and entry level jobs in the field of Marketing and Business. Students will learn the process of product development, promotion, selling, advertising and the many fundamentals of a successful business. This is a hands-on, project-based class that offers the opportunity to learn presentation skills, practice professionalism, expand leadership skills and prepare for real world success in college and your chosen career. Shark Tank, The Apprentice and other video case studies are used to bring realistic situations to learning. Bring your ideas and creativity to this fun class. Marketing concepts and leadership skills are reinforced with participation in DECA, a student organization that "Prepares Emerging Leaders and Entrepreneurs in Marketing, Management, Finance and Hospitality". Café Ole is the student-run business that provides opportunities for real world experiences in a business lab setting.

PUBLIC SERVICES ROP COURSES

INTRODUCTION TO CRIMINAL JUSTICE (CJ/CSI)(ROP)(P)

Course Codes: 83180/83185/83186

Length: 3 Trimesters (15 units)

School Site: Livermore High School

Grade Level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

College Credit: 6 Units

Certificate Earned: CPR Certification

Description: This course provides students with a strong overview of law enforcement as a career. Each portion of the course helps students obtain a proficiency in understanding the different components of the criminal justice system. Students are provided with an overview of career opportunities, including but not limited to sworn personnel such as police officers, sheriffs, highway patrol, and non-sworn personnel such as dispatchers, evidence technicians, lab technicians, and attorneys. The course is tied together utilizing curriculum in crime scene investigation. Students employ skills learned on hands-on projects, including investigating a mock crime scene.

CRIMINAL JUSTICE ACADEMY (ROP)(P)

Course Codes: 83187/ 83188/ 83189

School Site: [Las Positas College](#)

Length: 1 year (20 units; all 3 trimesters are doubled-booked)

Grade Level: 11 - 12

College Credit: 16 Units

Fulfills a-g: UC/CSU "g" College-Prep Elective Requirement

Certificate Earned: CPR Certification

Description: Students will have the unique opportunity to participate in a variety of exciting activities designed to enhance their learning. Activities include field trips, career exhibitions, leadership opportunities, mentoring, ride alongs, and academy competitions. Students will complete physical training at the RTC facility in the Alameda County Sheriff's campus and have the opportunity to complete the confidence course just like a cadet! Each student will be assigned a law enforcement professional mentor to help them develop their professional skills. Students will learn the historical development, philosophy of law, and constitutional provisions of administrative justice. Students will explore the ethical, legal, and moral complexities of law enforcement in a democracy; they will examine the complex, dynamic relationship between communities and the justice system. Students will write investigative reports with an emphasis on accuracy and details necessary, including arrest reports, incident reports, and miscellaneous field reports. Volunteer hours are a required component of this course. Academy cadets will have the opportunity to wear a law enforcement uniform (uniforms required) and show commitment to the principles of public service through volunteerism. Certificate earned - CPR Certification.

TRANSPORTATION ROP COURSES

AUTO BODY REPAIR I (ROP)(P)

Course Codes: 83107/ 83108/ 83109

School Site: Livermore High School

Length: 3 Trimesters (15 Units)

Grade Level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

Certificate Earned: Automotive Service Excellence (ASE) Certification.

Description: Examine the world of auto collision repair and refinishing by learning the industry skills necessary for a successful career in the field. Students explore trends and future technologies of the collision repair and refinishing industry and practice identifying auto body damage and the relationship to cost estimation. Instruction focuses on giving students hands-on experience in learning the skills of the trade, including: how to straighten and repair auto bumper covers, replace panels, prep cars for paint, rebuild and repaint auto bodies, MIG weld and detail cars.

ADVANCED AUTO BODY REPAIR (ROP)(P)

Course Codes: 83126/ 83127/ 83128

School Site: Livermore High School

Length: 3 Trimesters (15 Units)

Prerequisite: Auto Body Repair I

Grade Level: 11 - 12

College: UC/CSU "g" College-Prep Elective Requirement

Certificate Earned: Automotive Service Excellence (ASE) Certification.

Description: This course is for students interested in a career in auto collision repair and refinishing. Students study advanced topics and complete projects that include learning the skills required for color matching to industry specifications. Instruction focuses on students applying skills and knowledge learned to identify frame damage and methods of repair and measuring. Students will become proficient in shop management, team leadership and business principles.

AUTOMOTIVE TECHNOLOGY (ROP)(P)

Course Codes: 83111/ 83112/ 83113

School Site: Livermore High School

Length: 3 Trimesters (20 Units; all 3 trimesters are double-booked)

Grade Level: 11 - 12

College Credit: 4 Units

College: UC/CSU "g" College-Prep Elective Requirement

Certificate Earned: Automotive Service Excellence (ASE) Certification.

Description: Automotive Technology is a comprehensive, hands-on course that allows students to explore and practice the necessary skills needed to repair car engines and parts. Instruction includes: steering and suspension, brakes, electrical, maintenance, engine diagnostics and repair, rear axle, automatic transmissions and emission controls. Students gain experience in tire repair, changing and high-speed tire balancing, brake and wheel bearing inspection, measuring and repairing and front and four-wheel alignment. Desired business and shop practices are studied, along with advanced automotive theory used in the industry. Students practice test preparation and procedures for the Automotive Service Excellence (ASE) certification and learn the benefits of gaining ASE certifications. Students may work on their own car or a family car with approval from the instructor.

MIDDLE COLLEGE LAS POSITAS COMMUNITY COLLEGE ROP PROGRAM

MIDDLE COLLEGE AT LAS POSITAS COMMUNITY COLLEGE

Grade Level: 11-12

High school students have the opportunity to apply for Middle College, a junior and senior year program, that provides dual enrollment in both high school and college. Middle College is managed by the Tri-Valley Regional Occupational Program (TVROP) and is located on the campus of Las Positas College. The program is open to students enrolled at public high schools in Livermore, Pleasanton and Dublin. For more information, please visit: www.tvrop.org/domain/4

NON-DEPARTMENTAL ELECTIVES

FRESHMEN IN TRANSITION (F.I.T.)

Course Code: 80009

Length: 1 Trimester (5 Units)

Grade level: 9

Description: Freshmen in Transition (F.I.T.) is a cross- curricular course designed to bridge the transition to high school by providing students with academic and social/emotional support. Students will learn organizational, note taking and study skills; technology etiquette and computer basics; character development; and Granada High School ethics and expectations. Upon completion of F.I.T., freshmen will understand the demands of high school and be prepared to succeed through their four years at Granada. Students will also complete a four-year academic and career success plan.

YEARBOOK PRODUCTION A/B/C (P)

Course Codes: 10610/10615/10616

Length: 3 Trimesters (15 Units)

Prerequisite: Must have passed 8th grade English with a D+ or higher

Grade level: 9 - 12

College: UC/CSU "g" Elective Requirement

Description: This is a project-based course that will culminate in a professionally published annual yearbook that describes the "student experience" of an LVJUSD High School's student body. Students will learn the basics of photography, journalism, page design, and marketing and use those skills to design, promote and sell their published product. Because this course is deadline driven, students will have required participation outside of regular class hours. Through the course students will act as employees of a book packaging company, working with a publisher, adhering to publishing deadlines and project budgets. Students will learn publishing technology that will ensure the quality of their annual meets industry standards.

LEADERSHIP A/B/C (P)

Course Codes: 81040/81045/81046

Length: 3 Trimesters (15 Units)

Prerequisite: Student must go through the election or appointment process and earn a spot in the class

Grade level: 9 - 12

College: UC/CSU "g" Elective Requirement

Description: The Leadership class is designated to facilitate the Student Government program. It is a project-based course intended to provide time for Associated Student Body (ASB) members to accomplish their goals and duties as representatives of the student body. Students develop their leadership skills in goal setting, time management, organization, communication, school and community service, interpersonal relations, problem solving, team building, and evaluation and reflection. They will utilize reading and writing to develop their knowledge of leadership types and how best to present their ideas to others.

Fall Leadership Activities	Winter Leadership Activities	Spring Leadership Activities
<ul style="list-style-type: none"> • Matador Days • Back to School Activities • Freshman Elections • Homecoming Activities • Student Recognition • Staff Support • Staff Luncheon • Publicity • Spirit Item Designing and Selling • Spirit Activities • Rallies 	<ul style="list-style-type: none"> • Staff Kids Holiday Party • Mr. Matador • Lip Dub • Staff Support\ • Staff Luncheon • Publicity • Student Recognition • Spirit Activities • Black Light Rally/Rallies 	<ul style="list-style-type: none"> • Granada's Got Talent • ASB/Class Elections • Powder Puff Football • End of Year Activities • Student Recognition • Publicity • Staff Support/Luncheon • Lip Dub • Spirit Activities • Rallies

LIBRARY SERVICES

Course Code: 86405

Length: 1 Trimester (5 Units)

Grade: 9-12

Library Services is a course designed to provide work experience in a school library. Students must be able to work independently through the course modules. Students develop skills in library ethics, customer service, collection development, and marketing. This is an ideal course for students considering careers in librarianship or education, as well as those who hope to work in their university libraries.

HIGH SCHOOL TUTOR

Course Code: 86550

Length: 1 Trimester (5 Units) *may be repeated for credit*

Prerequisite: Consent of an administrator

Grade level: 11 - 12

Description: This course provides an opportunity for Granada students to help their peers in the areas of Math, Science and English. If you are committed, dependable and motivated by the satisfaction that comes with helping others to meet academic challenges, see your counselor or vice principal.

SPECIAL EDUCATION CLASSROOM AIDE

Course Code: 80580

Length: 1 Trimester (5 Units) *may be repeated for credit*

Prerequisite: Teacher consent

Grade level: 11-12

Description: This course is designed for students who want to work with developmentally delayed students. Students assist with functional academics, vocational skills, social skills and independent living skills. They must enjoy working with people and have a positive attitude.

WORK EXPERIENCE EDUCATION (WEE)

Course Codes: 85120/85130/85140

Length: 1 - 3 Trimesters (5 Units Each)

Prerequisite: Students must have or must obtain a job on their own within two weeks of the start of the course

Grade level: 11 - 12

Description: Work Experience Education (WEE) is an elective course that combines paid employment or paid internships with classroom instruction. Students develop strong work habits, positive attitudes, self-confidence, and job related skills. Students will develop a portfolio that highlights their abilities, knowledge and skills achieved.

Students may enroll in only one of the following courses each academic year:

TEACHER ASSISTANT

Course Code: 86300

Length: 1 Trimester (5 Units)

Prerequisite: Teacher or staff approval.

Grade level: 11 - 12

Description: This program is designed to give students an opportunity to obtain experience in various phases of classroom operations. Students gain clerical and other types of office experience and in some cases may assist with some of the teaching duties. *This course earns elective credit and will be graded as Pass/Fail.*

OFFICE ASSISTANT/IWE-OFFICE

Course Code: 86118

Length: 1 Trimester (5 Units)

Prerequisite: Teacher or staff approval. Forms in Student Services and Counseling and Career Center.

Grade level: 11 - 12

Description: This program is designed to give students an opportunity to obtain experience in various phases of school office operations. The student will be placed in a specific office. Students gain clerical and other types of office experience. Students must uphold confidentiality, be personable, reliable, motivated and able to work independently. This course earns elective credit and will be graded as Pass/Fail.

POST-HIGH SCHOOL PLANNING: COLLEGE AND CAREER GUIDE

VOCATIONAL SCHOOLS/TRAINING PROGRAMS

Vocational schools train students for a specific line of work, (healthcare, automotive technician, carpenters, electricians). Vocational schools are different from typical college programs because the programs are less academic and more job-focused. Students can explore these opportunities with some of our local programs: <https://www.abcnorcal.org/>, <https://www.ctcnc.org/> and <http://www.calapprenticeship.org/>.

MILITARY

Students enlist in the military for various reasons including honoring our country and to receive advanced technical training in a variety of careers. To learn more about the military, recruitment and enlistment, students should connect with one of our assigned recruiters. Students can visit the Counseling & Career Center for recruiter contact information or stop by one of the local offices. Students can also explore the military, military academies and ROTC programs at <https://www.todayismilitary.com/>.

Students who are interested in applying to a military academy should connect with a recruiter from the specific academy early. The application process for the military academies sometimes begins during junior year.

The Reserve Officer Training Corps (ROTC) is a college program offered at more than 1,700 colleges and universities across the country that prepares young adults to become officers in the US military. In exchange for a paid college education and a guaranteed post-college career, participants, or cadets, commit to serve in the military after graduation. Each service branch has its own take on ROTC so it is important to connect with the ROTC recruiter from a specific branch.

COLLEGE

- Community College
- The California State University (CSU)
- The University of California (UC)
- Private and Out-of-State Colleges

COMMUNITY COLLEGE

Community colleges offer various programs for students. Many students attend community college with a plan to transfer to a four-year college. Students typically spend two years at a community college and then two years at the college to which they transfer. Students work with their community college counselor to ensure they are taking the correct transfer courses, and then usually transfer as juniors. Those who do not plan to transfer may pursue an associate's degree or certificate in a vocational field with the goal of entering the workforce after community college. To enroll in a community college, students must be 18 years of age or high school graduates. Students do not need to take specific courses or tests to enroll in community college. However, prior to registering, students may be required to take self-guided placements to determine the course level of math and English at which they will begin. *Examples of community colleges are Las Positas (Livermore), Chabot (Hayward), Ohlone (Fremont), and Diablo Valley College (Concord/San Ramon).*

THE CALIFORNIA STATE UNIVERSITY

The California State University (CSU) is a system of 23 campuses: Bakersfield, Channel Islands, Chico, Dominguez Hills, Fresno, Fullerton, East Bay, Humboldt, Long Beach, Los Angeles, Monterey Bay, Northridge, Pomona, Sacramento, San Bernardino, San Diego, San Francisco, San José, San Luis Obispo, San Marcos, Sonoma, Stanislaus and Maritime Academy. Factors included in CSU admissions can be viewed at www.calstate.edu/apply. Students should also review the website for the particular campuses of interest for more information.

THE UNIVERSITY OF CALIFORNIA

The University of California (UC) is composed of nine undergraduate campuses: Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara and Santa Cruz. The UC system uses a "Comprehensive Review" to select candidates for enrollment. Factors included in UC admissions can be viewed at www.universityofcalifornia.edu. Students should also review the website for the particular campuses of interest for more information.

PRIVATE AND OUT-OF-STATE COLLEGES

There are thousands of out-of-state and private colleges throughout the world. Private and out-of-state colleges have different admissions requirements than the UCs/CSUs so it is important to work with your counselor to make sure you are on track for admissions. Many of these colleges use www.commonapp.org, www.coalitionforcollegeaccess.org/ or their own online applications for admissions. Students should also review the website of particular campuses of interest for more information and application instructions.

COLLEGE ADMISSIONS TESTING

The tests below are nationally standardized assessments, which, along with courses taken and GPA, have historically been used to determine a student's eligibility for admission and/or scholarship to some four-year colleges and universities. Students who are planning to attend a community college, do not need to take the SAT or ACT. In response to the Covid-19 pandemic, many colleges and universities have changed their testing policies (test-blind, test-optional, test-free). It is important to check with individual colleges for requirements and test deadlines.

- PSAT: Preliminary SAT is designed for juniors as a means to prepare for the SAT, enter the National Merit Scholarship Program, and receive information from colleges. *This test is given once a year in October at Granada High School. Registration is done through GHS in September.*
- SAT/ACT: Some four-year colleges and universities require scores from either of the following tests for admissions. SAT information can be found at www.collegeboard.org and ACT testing information www.actstudent.org

Fall of Junior Year	PSAT
Winter of Junior Year	Receive PSAT results & prepare for official test
Spring of Junior Year	SAT and/or ACT
Fall of Senior Year:	Retake SAT and/or ACT (if needed)

FINANCIAL AID

Financial aid for college expenses may be awarded based on merit (academic achievement), financial need, or some combination of both. Colleges themselves may be the greatest sources of financial aid. Aid from colleges is usually awarded as a package consisting of grants, loans and work-study. Popular financial aid programs include:

- The FAFSA (Free Application for Federal Student Aid) is required by all colleges in order to apply for financial aid. Interested students should go to www.fafsa.ed.gov. The FAFSA may be filed beginning October 1 of the student's senior year. California's FAFSA deadline is March 2nd. There is no fee to file the FAFSA.
- The California Student Aid Commission administers the Cal Grant Program to provide scholarships to California residents for California colleges and universities based on their need and academic performance. More information is available at www.csac.ca.gov and all senior GPA's are automatically uploaded to the California Student Aid Commission each year unless a parent opts out of this process.
- Students who are not U.S. citizens, national or permanent residents, or do not fulfill all of the FAFSA requirements can apply for the California Dream Act at <https://dream.csac.ca.gov/>.
- Colleges may also require the CSS College Profile, offered through the College Scholarship Service, the financial aid division of the College Board. More information is available at www.collegeboard.org. There is a fee associated with this filing. Individual institutions may also require their own financial aid form.

Be sure to check with the colleges to which you are applying to be sure you complete all necessary financial aid application requirements, as some colleges may require additional forms. Please note that financial aid deadlines differ for each college. Local and national organizations also offer thousands of dollars to graduating seniors every year. Juniors and seniors should regularly check the scholarship list on the College & Career Center website.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

All students who wish to compete in college level athletics must register with the NCAA, ideally during spring of sophomore year, in order to be considered an eligible athlete. High school courses required by the NCAA may vary from general college requirements. As soon as a student considers participating in college level athletics, the student needs to visit the NCAA website and ensure they are taking the correct high school courses. It is the student's responsibility to track their progress toward becoming NCAA eligible. It is important that any student who may wish to compete at the college level refer to the NCAA Eligibility Center website at NCAA.org.

A-G REQUIREMENTS FOR CALIFORNIA PUBLIC UNIVERSITIES

Both the University of California (UC) and California State University (CSU) college systems require first-time freshman applicants to complete, with a grade of C- or better in each course, a 15-course comprehensive A-G pattern of college preparatory work. The UC/CSU systems calculate GPA for eligibility using the 10th and 11th grade years. While A-G courses are required for minimum admission eligibility to the UC/CSU system, all LVJUSD students are strongly encouraged to complete the A-G course requirements. To determine which courses meet A-G requirements for Granada, visit <https://hs-articulation.ucop.edu/agcourselist> or refer to the A-G course list located on page 79.

SUBJECT	GRANADA HIGH GRAD REQUIREMENTS	UC/CSU (A – G) ADMISSIONS
HISTORY & SOCIAL SCIENCE <i>H, AP, IB options available in all subject areas</i>	35 Credits of History Social Science A (5) World History 10 A/B (10) US History 11 A/B (10) Civics (5) & Economics (5)	2 years - 20 credits World History 10 A/B (10 credits) US History 11 A/B (10 credits)
ENGLISH	40 Credits of English English 9 A/B (10) English 10 A/B (10) English 11 A/B (10) English 12 <i>and/or</i> Core Options (10)	4 years - 40 Credits English 9 A/B (10) English 10 A/B (10) English 11 A/B (10) English 12 <i>and/or</i> Core Options (10)
MATHEMATICS	20 Credits of Math All students must complete Algebra 1 to earn a high school diploma	3 years - 30 Credits UC recommends 4 years of Math Algebra A/B (10) Geometry A/B (10) Algebra II A/B (10)
SCIENCE	20 Credits of Science <i>May be lab or non-lab sciences</i> Biology (10) Physical Science (10)	2 years - 20 Credits 2 years required/3 recommended <i>Both courses MUST be a Lab science</i> Life Science (10) Physical Science (10)
CAREER TECHNICAL EDUCATION	30 Credits Credits must be in at least two of the three categories. For example: 1 year of VPA & 2 years of World Language <i>or</i> 2 years of CTE and 1 year of VPA	Approved A-G CTE classes will be used for admissions; check course description
WORLD LANGUAGE		2 years - 20 Credits 2 years required/3 recommended to be competitive for UC/CSU admissions Mastery of at least level 2 in the same World Language
VISUAL AND PERFORMING ARTS		1 year - 10 Credits 2 trimesters of the same VPA (10)
PHYSICAL EDUCATION	20 Credits of PE PE 1 A/B (10) PE 2 A/B (10)*	Not counted in UC/CSU GPA
HEALTH	5 Credits of Health Health (5)	UC/CSU (G) Group Heath is not required for UC/CSU but will be used as a college-prep elective for admissions
ELECTIVES	70 Credits of Electives Elective Courses	UC/CSU (G) Group - 10 Credits Two trimesters of any (P) elective

A-G COURSE LIST			
A-Social Science Social Science 9A Social Science 9 A/B (H) Social Science 9 A/B MYP Social Science 9 A/B Honors MYP* World History 10 A/B World History 10 A/B (H) World History 10 A/B MYP World History 10 A/B Honors MYP* US History 11 A/B AP European History A/B* AP US History A/B* IB Hist. of the Americas HL 1* IB Hist. of the Americas HL 2* Civics 12A AP US Govt & Politics* Women in American History Ethnic Studies: Amer Social Change	B-English English 9 A/B English 9 A/B (H) English 9 A/B MYP English 9 A/B Honors MYP English 10 A/B English 10 A/B (H) English 10 A/B MYP English 10 A/B Honors MYP* English 11 A/B English 9 A/B (dELD) English 10 A/B (dELD) English 11 A/B (dELD) English 12 A/B (dELD) AP Eng Lang and Comp A/B* AP Eng Lit. and Comp A/B* IB Lang. and Lit. HL 1 A/B* IB Lang. and Lit. HL 2 A/B* English 12A English 12B Mythology Satire Short Story Shakespeare Social Justice in Literature Fantasy and Science Fiction American Ident. Thru Ethnic Lit.	C-Mathematics Algebra 1 A/B Algebra 1 A/B MYP Geometry A/B Geometry A/B MYP Algebra II A/B Algebra II A/B MYP IB Math App/Interp Prep SL1 IB Math App/Interp SL A/B/C IB Math Ana/App Prep SL1 IB Math Ana/App SL A/B/C* IB Math Ana/App HL 1 A/B* IB Math Ana/App HL 2 A/B/C* PreCalculus A/B Calculus A/B AP Calculus AB A/B* AP Calculus BC A/B/C* Multivariable Calculus* AP Computer Science A/B* Statistics A/B AP Statistics A/B* Trigonometry	D-Lab Science Astronomy A/B Biochemistry Biology 1 A/B Biology 1 A/B MYP AP Biology A/B* IB Biology SL A/B/C* IB Biology HL 1 A/B* IB Biology HL 2 A/B* Biotechnology 1 A/B Biotechnology 2 A/B Chemistry 1A/B Chemistry 1 A/B MYP AP Chemistry A/B* IB Chemistry SL A/B/C* AP Computer Sci Princ. A/B* Conceptual Physics 1 A/B Conceptual Physics A/B MYP AP Environmental Sci. A/B* Intro to Engineering A/B Field Biology A/B Marine Biology A/B Physics 1 A/B AP Physics C: Mechanics* IB Physics SL A/B/C* Physiology 1 A/B PLTW Computer Science Prin PLTW Cybersecurity PLTW Principles of Eng. IB Computer Science HL 1 A/B* IB Computer Science SL A/B*
E-World Language American Sign Lang 1 A/B American Sign Lang 2 A/B American Sign Lang 3 A/B French 1 A/B French 2 A/B French 3 A/B IB French SL 1 A/B/C* IB French HL 1 A/B* IB French HL 2 A/B* Spanish 1 A/B Spanish 1 A/B MYP Spanish 2 A/B Spanish 2 A/B MYP Spanish 3 A/B Spanish 3 A/B MYP Spanish 4 A/B AP Spanish Lang & Cult. A/B* IB Spanish HL 1 A/B* IB Spanish HL 2 A/B* Span. Native Speakers 1 A/B Span. Native Speakers 2 A/B	F-Visual Performing Arts Art 1-2 Art 1-2 MYP Adv. Art 3-8 AP Drawing A/B* IB Visual Arts SL A/B/C* IB Visual Arts HL 1-2 A/B* Animation 1-2 ROP Anim. & Motion Graph IB Dance SL IB Dance HL 1-2 Theater Arts 1-2 Adv. Theater Workshop 1-2 IB Theatre Arts SL IB Theatre Arts HL 1 A/B IB Theatre Arts HL 2 A/B* Ceramics 1-3 AP 3-D Art and Design* Concert Choir A/B Digital Photography 1-3 AP Studio Art Photo A/B* Video Production 1-2 Video Production 3 Video Production Design MYP ROP Video Game Art & Des. ROP Visual Communications Jazz Ensemble A/B Orchestra A/B Symphonic Band A/B IB Music Group Perf SL* Writing for Stage & Screen	G-College Prep Electives Consumer Math A/B Creative Writing Economics 12B Health Education Journalism 1 A/B Adv. Journalism A Positive Psychology Sports Psychology IB Psychology SL A/B/C* IB Psych HL 2 A/B* IB Theory of Knowledge A/B* Introduction to Business A/B ROP Auto Body Repair A/B ROP Adv. Auto Body Rep. A/B ROP Automotive Tech A/B ROP CTE IT Essentials A/B ROP Dev Psych of Child I/II ROP Econ of Bus Ownership ROP Int. Marketing Comm ROP Int. Criminal Justice ROP Intro to Health Careers A/B ROP Med. Occupations ROP Nursing Careers ROP Sports Med-Ath. Train. I/II Studio Broadcast Prod. 1/2 Game Design 1 Civil Engineering and Arch. Exploring Computer Sci. A/B Yearbook A/B/C Leadership A/B/C	KEY *= Class that has been approved by CSU/UC for extra honors credit (A=5, B=4, C=3) AP = Advanced Placement course H = Indicates an honors course IB = Indicates an International Baccalaureate course MYB = Indicates a Middle Years Programme course (part of the IB program) ROP = Indicates a Regional Occupational Program course

FOUR YEAR PLAN

All students will complete a four year plan in Freshmen in Transition (FIT) class that students take during the first trimester of freshmen year. A fillable version of this document can be found in EXPO Central on our website.

<u>CAREER PLAN</u> Industry Sector _____ Pathway _____ Career _____	MY 4 YEAR PLAN Name _____	<u>ACADEMIC PROGRAM PLAN</u> <input type="checkbox"/> Diploma/Career/Community College <input type="checkbox"/> Community College/Transfer to 4 yr <input type="checkbox"/> 4 YR College <input type="checkbox"/> 4 YR College - Highly Competitive
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FRESHMEN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1. _____	1. _____	1. _____	1. _____
2. _____	2. _____	2. _____	2. _____
3. _____	3. _____	3. _____	3. _____
4. _____	4. _____	4. _____	4. _____
5. _____	5. _____	5. _____	5. _____
6. PE 1A	6. _____	6. _____	6. _____
7. PE 1B	7. PE 2A	7. _____	7. _____
8. ELT	8. PE 2B	8. _____	8. _____
9. _____	9. _____	9. _____	9. _____
10. _____	10. _____	10. _____	10. _____
11. _____	11. _____	11. _____	11. _____
12. _____	12. _____	12. _____	12. _____
13. _____ *	13. _____ *	13. _____ *	13. _____ *
14. _____ *	14. _____ *	14. _____ *	14. _____ *
15. _____ *	15. _____ *	15. _____ *	15. _____ *

*Enrolling in 12 courses is full-time and on track to graduate.

<u>GRANADA HIGH SCHOOL GRAD REQUIREMENTS</u> <input type="checkbox"/> Social Science - 35 Units <input type="checkbox"/> English - 40 Units <input type="checkbox"/> Math - 20 Units (<i>must pass Alg 1A/B</i>) <input type="checkbox"/> Science - 20 Units (<i>10 units Bio and 10 units Physical Science</i>) <input type="checkbox"/> VPA or World Language or CTE - 30 Units (<i>in at least 2 of 3 categories</i>) <input type="checkbox"/> PE - 20 Units <input type="checkbox"/> Health - 5 Units <input type="checkbox"/> Electives - 70 Units TOTAL: 240 Units	<u>UC/CSU ENTRANCE REQUIREMENTS</u> <input type="checkbox"/> a. History/Social Science 2 years <input type="checkbox"/> b. English 4 years <input type="checkbox"/> c. Mathematics 3 years (4 recommended) <input type="checkbox"/> d. Lab Science 2 years (3 recommended) <input type="checkbox"/> e. World Language 2 years (3 recommended) <input type="checkbox"/> f. Visual/Performing Arts 1 year <input type="checkbox"/> g. College Prep Elective 1 year <input type="checkbox"/> Exam Requirement: Check admissions website Students must complete 110 units (11 a-g courses) with a grade of C- or better by the end of 11th grade.
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