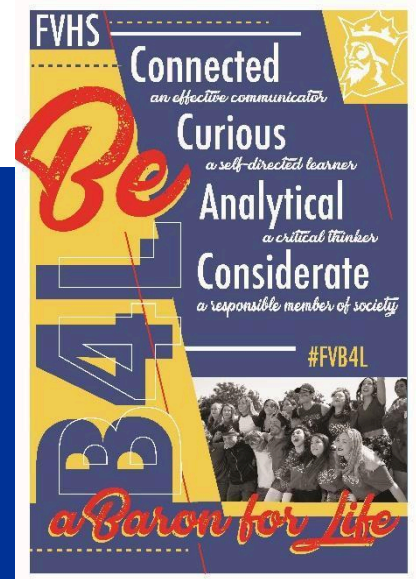


# Fountain Valley High School

## Course Guide

HIGH SCHOOL GRADUATION  
COLLEGE ADMISSION  
CAREER READINESS

■  
FOUNTAIN VALLEY HIGH SCHOOL  
17816 Bushard Street  
Fountain Valley, California



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# Introduction

Dear Parents of FVHS Barons:

This guide is a brief introduction to the variety of courses offered at Fountain Valley High School. It is designed to assist you in making appropriate course selections. Included in this guide are graduation requirements, college admission requirements, an outline of placement criteria, and a brief description of courses.

The mission of Fountain Valley High School is

***“to maximize the learning, growth, and development of every student through the mentoring efforts of a dedicated and caring staff, in partnership with parents and community. Our students will become critical thinkers, effective communicators, self-directed learners and responsible members of society.”***

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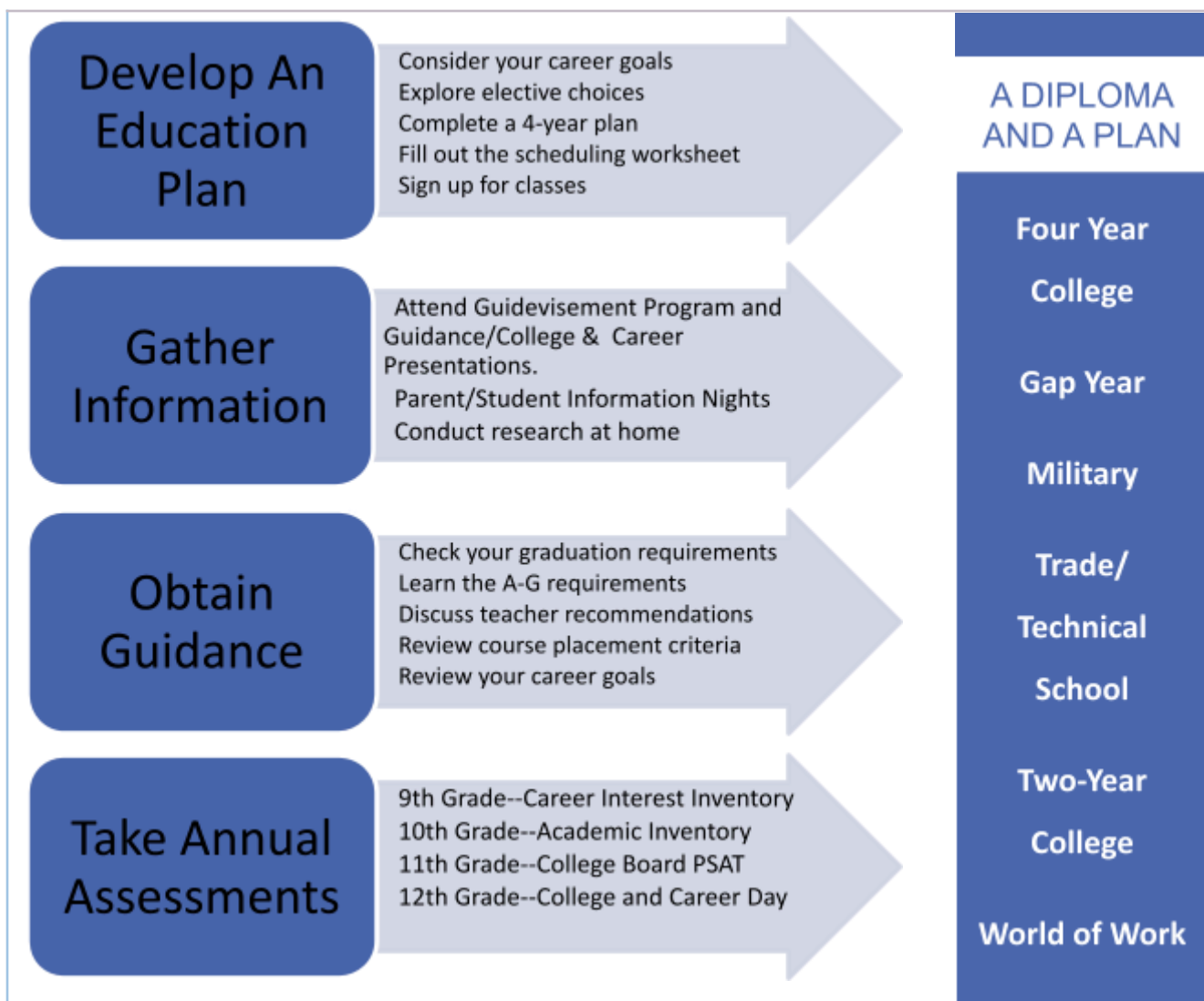
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# Planning for High School Graduation, College Admission, and Career Readiness



Every student will have an active and current personal education plan to prepare for life beyond high school. All students will review their plan annually and are encouraged to revise their plan as their interests develop.

# Fountain Valley High School Graduation and UC/CSU A-G Requirements

## Side-by-Side Comparison

High School Graduation Requirements	UC/CSU A-G Requirements
<b>History</b> 3 Years (30 Credits)	<b>A. History</b> 2 Years Required; 3 Recommended
<b>English</b> 4 Years (40 Credits)	<b>B. English</b> 4 Years Required
<b>Mathematics</b> 3 Years (30 Credits) Must Include Algebra 1	<b>C. Mathematics</b> 3 Years Required; 4 Recommended Algebra 2 or Above
<b>Science</b> 2 Years (20 Credits) 1 Biology / 1 Physical	<b>D. Science (must be lab science)</b> 2 Years Required; 3 Recommended
<b>Visual/Performing Arts or World Language or Applied Curriculum</b> 1 Year (10 Credits)	<b>E. Language Other Than English</b> 2 Years of Same Language Required; 3 Recommended
<b>Additional Electives</b> (65 Credits)	<b>F. Visual and Performing Arts</b> 1 Year Required
<b>Physical Education</b> 2 Years (20 Credits)	<b>G. College Preparatory Elective</b> 1 Year Required
<b>Health</b> 1 Semester (5 Credits)	
<b>Total</b> (220 Credits)	

### ARE YOU ON TARGET TO GRADUATE?

9 <sup>th</sup> Grade	Complete 60 Credits
10 <sup>th</sup> Grade	Complete 120 Credits
11 <sup>th</sup> Grade	Complete 170 Credits
12 <sup>th</sup> Grade	Complete 220 Credits and Graduate

### ALL A-G COURSES MUST BE COMPLETED WITH A GRADE OF C OR BETTER FOR ACCEPTANCE TO A 4-YEAR COLLEGE

- 7<sup>th</sup> and 8<sup>th</sup> grade courses in Math and World Language do count toward A-G subject requirements. However, the credits are not counted towards the high school diploma
- One year of lab science may be completed in grade 9; CSU requires both biological and physical science.
- A one-semester community college World Language or VPA course will also meet the one year CSU/UC admission requirement and earn transferable degree credit. Community college credit must be transferred to the CSU/UC and may not be used toward a high school diploma.
- Refer to the UC approved course list for all courses offered <https://doorways.ucop.edu/list/>

# Academic Recognition Programs

The Scholar with Distinction, Scholar with Honors, and Scholar with Expertise programs are offered by the HBUHSD to increase academic motivation, broaden university admission options, provide access to competitive majors, prepare for college admission exams, and develop strong academic skills. All students completing these Academic Recognition Programs will receive recognition at the commencement ceremony and a special notation on the transcript. Coursework, grade point average and additional assessments may be used to calculate eligibility for the Academic Recognition Program. Each graduating class of students will have the opportunity to be honored with **Summa Cum Laude**, a cumulative 7th semester GPA of 4.40+, and **Magna Cum Laude**, a 7th semester cumulative GPA of 4.00 – 4.39. Each school administrative team determines recognition regalia that coincide with awards and graduation ceremonies.

## Career Technical Education (CTE) Honor Cord

Career Technical Education (CTE) is a program of study that involves a multiyear sequence of courses that integrates core academic knowledge with technical and occupational knowledge to provide students with a pathway to postsecondary education and careers

Students that are receiving the CTE Honor Cord must:

- Complete the pathway sequence of courses (at least two full years) in the required order.
- CTE Pathway GPA of 3.0. (Note: This refers to the CTE Pathway sequence only, not the overall GPA.)
- No Honor Code Violations
- Demonstrate good citizenship skills, leadership qualities, and positive participation in classes.

## Academic Awards

<b>Scholar With Distinction</b>	Gold Stole	Meets UC Requirements, 3.6+ GPA in all A-G courses, Academic Honesty (1st Honor Code=may lose; 2nd Honor Code=will lose), 3 years same language, 4 years Math (4th year level beyond Alg2/Trig), 3 years lab science, 4 AP Courses, 1 year VPA/CTE
<b>Scholar With Honors</b>	Gold Cord	Meets CSU Requirements, 3.0+ GPA in all A-G Courses, Academic Honesty (1st Honor Code=may lose; 2nd Honor Code=will lose), 2 years same language, 4 years Math (including Alg2), 2 years lab science, 1 year VPA/CTE
<b>Scholar With Expertise</b>	White Cord	Meets CSU Requirements, 2.5+ GPA in all A-G Courses, Academic Honesty (1st Honor Code=may lose; 2nd Honor Code=will lose), 2 years same language, 3 years Math (including Alg2), 2 years lab science, 1 year VPA/CTE. Concentration area: 6 semesters with grade of B or better in Athletics, Business, Consumer/Family, Leadership, Performing Arts, Visual Arts

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# Collegiate Sports Eligibility

## Required NCAA core academic curriculum for Division I:

4 years English (same as high school diploma requirement)  
3 years Math (Algebra 1 or above)  
2 years Social Science (such as World History, U. S. History, U. S. Government)  
2 years Natural or Physical Science (including one year of Lab Science)  
1 year additional course in English, Math, or Science (3rd/4th year[s])  
4 years additional core courses in any above area or Foreign Language  
16 total NCAA core courses

**NCAA Approved Core Academic Courses:** ([www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)) To encourage a student to take as many university preparatory courses as possible, the NCAA GPA will be computed during college admission evaluation using the best grades earned in a prescribed pattern fulfilling the required NCAA academic core curriculum. No PE grades are computed! Ten core courses completed before the start of seventh semester. Seven of ten must be in English, Math, or Natural/Physical Science.

**NCAA Examination and NCAA GPA requirements:** Students must request that each ACT or SAT test score be sent directly from the testing company to the Clearinghouse. Students must meet a sliding index system of ACT or SAT and NCAA GA; the scale is such that any drop in NCAA GPA must be offset by additional points on the test.

NCAA GPA	ACT (SUM OF SCORES)	SAT (TOTAL V + M)
3.55 and above	37	400
3.50	39	420
3.00	52	620
2.50	68	820
2.40	71	860
2.20	79	940
2.00	86	1020

It is often easier to improve grades in academic classes than test scores. You must send transcripts to NCAA from all high schools attended outside the HBUHSD as well as your present school transcript. The NCAA does not use the results of the writing portion of either the ACT or SAT.





## Course Request Worksheet for 9<sup>th</sup> Grade

# 9

<b>1. English</b> ____ CP English 1 ____ CP English 1 Honors * *summer reading assignment required for Honors	<b>6. Elective (Required)</b> <b>Visual Arts</b> Animation (2 year pathway) Art 1 Ceramics Graphic Design Yearbook (requires interview) <b>Performing Arts</b> Banner Flag ("Color Guard") Instrumental 1 (Wind/Brass) ("Concert Band") Orchestra Percussion Ensemble Theater 1 Vocal Production (Choir) Music Theory (Beginning Piano) <b>World Languages</b> French 1 Japanese 1 Spanish 1 Spanish 2, 3 (Recommendation required) Español Uno (Spanish 1 for Spanish Speakers) <b>Additional Electives</b> AP Human Geography ASB (Application required) Medical Careers Mindset for Success Senate (Application required) AVID Model United Nations / WG Honors Newspaper "Baron Banner" (baronnews.com) Yearbook  <b>CTE Pathways (Each is 2 Years)</b> Computer Science Digital Photo/Design Entrepreneurship Business Fashion Design Robotics and Engineering  <b>Electives Requiring Teacher Approval to Join</b> BBN, ASB, Senate
<b>2. Science</b> ____ Physical Science ____ Physical Science CP (Lab) ____ Honors Biology	
<b>3. Mathematics</b> Math placement will be determined by FVHS staff using multiple measures. <ul style="list-style-type: none"><li>• Algebra Mindsets (Algebra Prep)</li><li>• Algebra 1</li><li>• Geometry / Accelerated Geometry</li><li>• Algebra 2 / Algebra 2 Trig</li></ul>	
<b>4. Health</b> All students take Health for one semester paired with a one semester of an exploratory elective.	
<b>5. Physical Education</b> All 9th grade students will be automatically enrolled into a PE class. Other freshman PE options that require a try-out or audition include: <ul style="list-style-type: none"><li>• Athletics</li><li>• Marching Band/Flag Ensemble</li><li>• Cheer/Song</li><li>• Dance PE</li><li>• Dance Team</li></ul> ----- <b>Request for Zero Period:</b> Yes ____ No ____	



# Course Request Worksheet 10<sup>th</sup> Grade

# 10

STUDENT NAME: \_\_\_\_\_ FVHS STUDENT ID# \_\_\_\_\_

Please check one course in each box. 6 classes are required

<p>1. <b>English (Required)</b> ____ CP English 2 ____ CP English 2 Honors</p>	<p><b>6. Elective</b> <b>Visual Arts</b> Animation (2 year pathway) AP Art History AP Art (Drawing, 2D, 3D) Art 1, 2, or 3 Ceramics 1, 2, 3 Graphic Design <b>Performing Arts</b> Dramatic Production or Theatrical Prod/Design Dance, Flag, or Marching Band Choir Instrumental (Wind/brass) ("Concert Band") Music Appreciation (includes Guitar / Rock Band) Music Theory (includes Piano) Orchestra Percussion Theater <b>World Languages</b> Spanish, French, Japanese Español (Spanish for Spanish Speakers) <b>CTE Pathways (Each is 2 Years)</b> Food Service and Hospitality ("Culinary Arts") Design, Visual, and Media Arts ("Digital Media") Emergency Response ("EMR, EMT") [New offering] Fashion Design and Merchandising Legal Practices Entrepreneurship Business Honors Robotics and Engineering Software &amp; Systems Development ("Computer Science") AP Cybersecurity [New offering] <b>Non-CTE Pathways (Each is 2 Years)</b> Health Careers [New offering] Nursing [New offering] Psychology [New offering] <b>Physical Education</b> PE2, Dance PE, PE2 hybrid P0 <b>Additional Electives</b> AP Human Geography AVID BBN Video Broadcasting Medical Careers Newspaper "Baron Banner" (baronnews.com)  <b>Electives Requiring Teacher Approval to Join</b> Yearbook, ASB, Senate</p>
<p>2. <b>Mathematics (Required)</b> ____ Algebra 1 w/ Programming ____ Geometry ____ Accelerated Geometry ____ Algebra 2 ____ Algebra 2 Trig ____ Precalculus ____ Precalculus - Hybrid ____ Precalculus w/ Dual Enrollment (no PO-4 students) ____ Precalculus Honors</p>	
<p>3. <b>Science (Required)</b> ____ Honors Biology ____ Biology ____ Chem Comm ____ Chemistry</p>	
<p>4. <b>World History (Required)</b> ____ World History ____ World History Honors/MUN ____ AP European History</p>	
<p>5. <b>Physical Education (Required)</b> All students must complete two years of PE to earn a diploma. Students who want to participate in athletics, cheer, dance, color guard, and marching band must try out and/or be pre approved by coach or program director. PE Dance can be taken as an alternative to regular PE. ____ Hybrid</p>	
<p><b>Request for Zero Period:</b> Yes ____ No ____ Still Need Health? _____</p>	



# Course Request Worksheet 11<sup>th</sup> Grade

# 11

STUDENT NAME: \_\_\_\_\_ FVHS STUDENT ID# \_\_\_\_\_

Please check one course in each box.

<p>1. <b>English (Required)</b></p> <p>____ CP English 3</p> <p>____ AP Eng Lang &amp; Comp</p> <p>____ AP Eng Lang &amp; Comp w/ Dual Enrollment (2 year pathway) <u>(no P0-4 students)</u></p> <p>____ Hybrid format if available</p>	<p>5. <b>Elective</b></p> <p><b>Visual Arts</b></p> <p>Animation (2 year pathway)</p> <p>AP Art History</p> <p>AP Art (Drawing, 2D, 3D)</p> <p>Art 1, 2, or 3</p> <p>Ceramics 1, 2, 3</p> <p>Graphic Design</p> <p><b>Performing Arts</b></p> <p>Dramatic Production or Theatrical Prod/Design</p> <p>Dance, Flag, or Marching Band</p> <p>Choir</p> <p>Instrumental (Wind/brass) ("Concert Band")</p> <p>Music Appreciation (includes Guitar / Rock Band)</p> <p>Music Theory (includes Piano)</p> <p>Orchestra</p> <p>Percussion</p> <p>Theater</p> <p><b>World Languages</b></p> <p>Spanish, French, Japanese</p> <p>Español (Spanish for Spanish Speakers)</p> <p><b>CTE Pathways (Each is 2 Years)</b></p> <p>Food Service and Hospitality ("Culinary Arts")</p> <p>Design, Visual, and Media Arts ("Digital Media")</p> <p>Emergency Response ("EMR, EMT") [New offering]</p> <p>Fashion Design and Merchandising</p> <p>Legal Practices</p> <p>Entrepreneurship Business</p> <p>Honors Robotics and Engineering</p> <p>Software &amp; Systems Development ("Computer Science")</p> <p>AP Cybersecurity [New offering]</p> <p><b>Non-CTE Pathways (Each is 2 Years)</b></p> <p>Health Careers [New offering]</p> <p>Nursing [New offering]</p> <p>Psychology [New offering]</p> <p><b>Physical Education</b></p> <p>Dance PE, Weight Training, PE2 (hybrid P0)</p> <p><b>Additional Electives</b></p> <p>AP Human Geography</p> <p>AVID</p> <p>BBN Video Broadcasting</p> <p>Life Management</p> <p>Medical Careers</p> <p>Newspaper "Baron Banner" (baronnews.com)</p>
<p>2. <b>Mathematics (Required)</b></p> <p>____ Geometry</p> <p>____ Algebra 2</p> <p>____ Algebra 2 Trig</p> <p>____ Probability/Statistics</p> <p>____ Precalculus</p> <p>____ Precalculus - Hybrid</p> <p>____ Precalculus w/ Dual Enrollment <u>(no P0-4 students)</u></p> <p>____ Precalculus Honors</p> <p>____ AP Statistics</p> <p>____ AP Calculus A/B</p> <p>____ AP Calculus A/B - Hybrid</p> <p>____ AP Calculus B/C</p>	
<p>3. <b>US History (Required)</b></p> <p>____ US History</p> <p>____ US History - Hybrid</p> <p>____ US History Honors/MUN</p> <p>____ AP US History</p> <p>____ US History w/ Dual Enrollment</p>	
<p>4. <b>Science</b></p> <p>____ AP Biology</p> <p>____ AP Environmental Science</p> <p>____ Chem Comm, Chemistry or AP Chemistry</p> <p>____ Earth Science</p> <p>____ Forensic Science</p> <p>____ Marine Biology</p> <p>____ Physics, AP Physics 1, or AP Physics 2</p> <p>____ Physiology</p> <p>____ Sports Medicine</p>	
<p><b>Request for Zero Period:</b> Yes ____ No ____</p> <p>Still Need Health? _____</p>	<p><b>Electives Requiring Teacher Approval to Join</b></p> <p>Yearbook, ASB, Senate</p>



# Course Request Worksheet 12<sup>th</sup> Grade

# 12

STUDENT NAME: \_\_\_\_\_ FVHS STUDENT ID# \_\_\_\_\_

1. **English (Required)**

- \_\_\_\_ Literature in Modern Media
- \_\_\_\_ AP Eng Lit & Comp
- \_\_\_\_ AP Eng Lit & Comp w/ Dual Enrollment  
(2 year pathway) (no P0-4 students)
- \_\_\_\_ Hybrid format if available

2. **US Government/Economics (Required)**

- \_\_\_\_ US Government/Economics
- \_\_\_\_ US Government/Economics - Honors MUN
- \_\_\_\_ AP Government/AP Economics
- \*Seniors will take Government and Economics one semester each

3. **Science**

- \_\_\_\_ AP Environmental Science
- \_\_\_\_ AP Biology
- \_\_\_\_ Chem Comm, Chemistry or AP Chemistry
- \_\_\_\_ Earth Science
- \_\_\_\_ Forensic Science
- \_\_\_\_ Marine Biology
- \_\_\_\_ Physics, AP Physics 1, or AP Physics 2
- \_\_\_\_ Physiology
- \_\_\_\_ Sports Medicine

4. **Mathematics**

- \_\_\_\_ Consumer Math
- \_\_\_\_ Algebra 2
- \_\_\_\_ Algebra 2 Trig
- \_\_\_\_ Probability/Statistics
- \_\_\_\_ Precalculus
- \_\_\_\_ Precalculus - Hybrid
- \_\_\_\_ Precalculus w/ Dual Enrollment (no P0-4 students)
- \_\_\_\_ Precalculus Honors
- \_\_\_\_ AP Statistics
- \_\_\_\_ AP Calculus A/B
- \_\_\_\_ AP Calculus A/B - Hybrid
- \_\_\_\_ AP Calculus B/C

Zero Period: Yes \_\_\_\_ No \_\_\_\_

Still Need Health? \_\_\_\_\_

5. **Elective**

**Visual Arts**

- Animation (2 year pathway)
- AP Art History
- AP Art (Drawing, 2D, 3D)
- Art 1, 2, or 3
- Ceramics 1, 2, 3
- Graphic Design

**Performing Arts**

- Dramatic Production or Theatrical Prod/Design
- Dance, Flag, or Marching Band
- Choir
- Instrumental (Wind/brass) ("Concert Band")
- Music Appreciation (includes Guitar / Rock Band)
- Music Theory (includes Piano)
- Orchestra
- Percussion
- Theater

**World Languages**

- Spanish, French, Japanese
- Español (Spanish for Spanish Speakers)

**CTE Pathways (Each is 2 Years)**

- Food Service and Hospitality ("Culinary Arts")
- Design, Visual, and Media Arts ("Digital Media")
- Emergency Response ("EMR, EMT") [New offering]
- Fashion Design and Merchandising
- Legal Practices
- Entrepreneurship Business
- Honors Robotics and Engineering
- Software & Systems Development ("Computer Science")
- AP Cybersecurity [New offering]

**Non-CTE Pathways (Each is 2 Years)**

- Health Careers [New offering]
- Nursing [New offering]
- Psychology [New offering]

**Physical Education**

- Dance PE, Weight Training, PE2 (hybrid P0)

**Additional Electives**

- AP Human Geography
- AVID
- BBN Video Broadcasting
- Life Management
- Medical Careers
- Newspaper "Baron Banner" (baronnews.com)

**Electives Requiring Teacher Approval to Join**  
Yearbook, ASB, Senate

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# **COURSE DESCRIPTIONS**

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# History and Social Science— UC/CSU “A” Requirement

<b>15B</b>	<b>WORLD GEOGRAPHY</b>
<b>Credit:</b>	<b>5 Credits      Semester</b>
<b>Open to:</b>	<b>Grade 9</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>No</b>

**Description:** Geography is a one semester elective survey course that pairs perfectly with Health. This class allows students to figuratively travel the world, offering a brief insight into how humans adapt to the needs and demands of local and global geography. The course provides excellent context for future social studies courses by analyzing possible solutions to modern problems that affect the regions under inquiry. Topics include earth’s ecosystems, culture, religion, language, population, migration and everyone’s favorite, food! Students will participate in several practical interactive classroom activities with minimal work required outside the classroom. *World Geography meets HBUHSD matriculation requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

<b>15C</b>	<b>WORLD GEOGRAPHY HONORS/MUN</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to:</b>	<b>Grade 9</b>
<b>Prerequisite:</b>	<b>Placement may be determined by reading test scores, grades, and teacher recommendation</b>
<b>UC Approved:</b>	<b>Yes; fulfills the “A” History/Social Science requirement</b>

**Description:** World Geography Honors MUN is a year-long honors level course that combines the study of political, cultural, and economic geography with participation in the Model United Nations program. The course emphasizes research and debate with a focus on current events. Students attend a minimum of four local novice MUN conferences where they will research United Nations and country policy to debate and create solutions to global issues. Students must enroll in World Geography Honors MUN as a freshman if they wish to partake in the MUN program as a sophomore. Approximately 0 - 3 hours of homework per week (varies drastically per student and focuses on month long research assignments in preparation for conferences, rather than nightly work).

<b>10P</b>	<b>AP HUMAN GEOGRAPHY</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to:</b>	<b>Grades 9-12</b>
<b>Prerequisite:</b>	<b>Placement may be determined by reading assessments, grades and teacher recommendation.</b>
<b>UC Approved:</b>	<b>Yes</b>

**Description:** This Advanced Placement elective is designed for the strongly motivated, academically curious students who are interested in the global community, exploring economic, social, political and environmental issues through the lens of geography. This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth’s surfaces. Students will investigate geographic perspective and analyze historical and current patterns of migration, population, political organization of space, agriculture, food production, land use, industrialization and economic development. Coursework adheres to the College Board’s guidelines for AP Human Geography and students will have the option to take the AP Human Geography test in May. *AP Human Geography meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

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**10A**                      **WORLD HISTORY**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 10**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes**

Description:            The course is designed to teach the history of the world from a truly global stance placing emphasis on worldwide historical processes and connections among the whole gamut of human societies. This course teaches historical facts in the context of how progressive changes—environmental, social, scientific, and political—influenced the various societies they touched, as well as how these groups interacted with each other. The course is organized by five defining time periods, “periodization” that facilitates seeing both the continuities and changes over time that form the framework for understanding world history. *World History meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

**10C**                      **WORLD HISTORY HONORS/MUN**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 10**  
**Prerequisite:**        **World Geography Hon/MUN; placement subject to review by program coordinators**  
**UC Approved:**       **Yes fulfills the “A” History/Social Science requirement**

Description:            This class is part of the Model United Nations Program. Students in this class will study contemporary world history with an emphasis on the 20<sup>th</sup> century. In addition, participation in four required local MUN conferences throughout the year will supplement the regular course of study. Students attend a minimum of four local novice MUN conferences where they will research United Nations and country policy to debate and create solutions to global issues. Approximately 0 - 3 hours of homework per week (varies drastically per student and focuses on month long research assignments in preparation for conferences, rather than nightly work).

**10G**                      **AP EUROPEAN HISTORY**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 10**  
**Prerequisite:**        **"B" or above both semesters in AP Human Geography, "A" in English Honors I, and 3.5 GPA overall in academic classes. Summer reading assignment may be required.**  
**UC Approved:**       **Yes**

Description:            The course will study European history from the Renaissance to the present introducing students to cultural, economic, political, and social developments that played a fundamental role in shaping the world. It is the first advanced placement opportunity for most students at FVHS and many universities consider it the premier litmus for higher education success. Students will develop an understanding of principal themes in modern European history, an ability to analyze historical evidence and historical interpretation, and express historical understanding in writing. The class will incorporate numerous primary and secondary sources and frequent writing assignments. Many colleges/universities will grant credit for introductory western civilization class for a score of 3 or above on the exam. *AP European History meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

**12E**                      **U.S. HISTORY**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 11**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes**

Description:            This historical survey course traces American political, economic, and cultural trends from 1877 to the present. It introduces the themes of balance between unity and diversity, the shaping of democracy, the search for opportunity, and the influence of geographical factors. Emphasis is given to major historical trends such as: industrialization, progressive political movements, growth of economic influence, social and cultural development, and America’s role in a global setting. The course strives to help students develop critical thinking skills through the analysis of challenges faced by the U.S. in both foreign and domestic policies. Students will develop research and writing skills through periodic research projects. *U.S. History meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

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**12I**                      **U.S. HISTORY HONORS/MUN**  
**Credit:**              **10 Credits**              **Year**  
**Open to:**              **Grade 11**  
**Prerequisite:**        **MUN pathway 9-10<sup>th</sup> grade, teacher approval**  
**UC Approved:**        ***Yes; fulfills the "A" History/Social Science requirement***

Description:              This survey course traces America's political, economic, and cultural trends from 1877 to present. It introduces the themes of balance between unity and diversity, the shaping of democracy, the search for opportunity, and the influence of geographical factors. Emphasis is given to major historical trends such as: industrialization, progressive political movements, growth of economic influence, social and cultural development, and America's role in a global setting. In addition, participation in a minimum of four local advanced MUN conferences throughout the year will supplement the regular course of study. At these conferences students will research United Nations and country policy to debate and create solutions to global issues. Approximately 0 - 3 hours of homework per week (varies drastically per student and focuses on month long research assignments in preparation for conferences, rather than nightly work)

**12K**                      **AP U.S. HISTORY**  
**Credit:**              **10 Credits**              **Year**  
**Open to:**              **Grade 11**  
**Prerequisite:**        **"B" or above both semesters in AP European History or "A" in World History both semesters and 3.5 GPA overall in academic classes and teacher recommendation. Summer reading assignment may be required.**  
**UC Approved:**        **Yes**

Description:              The course is a two-semester survey of American history that will examine the way in which the United States has evolved from the Age of Exploration through the end of the Cold War in the 20th century. Students will not only learn the factual information necessary to do well on the AP exam, but also the practical skills of critical analysis of historical information and documents. Students will read and analyze primary and secondary source materials to gain insight into challenges of interpretation and the ways in which historical events have shaped American society and culture. AP US History is meant to be the equivalent of an introductory freshman college course in American history and many colleges and universities grant credit for the class with a score of 3 or better on the AP exam. *AP US History meets the UC/CSU university entrance exam requirements and is approved for the Scholar with Distinction/Honors/Expertise programs.*

**13E**                      **U.S. GOVERNMENT**  
**Credit:**              **5 Credits**              **Semester**  
**Open to:**              **Grade 12**  
**Prerequisite:**        **None**  
**UC Approved:**        **Yes**

Description:              This course is an introduction to the basic concepts of American government, the American political process and the rights and responsibilities of citizenship. This semester course pairs with Economics. The course serves to create more informed citizens who are prepared to experience the challenges and pride that come from being an actively involved citizen. Course work will pay particular attention to our own government, with the primary goals of fostering an understanding of the system, an appreciation of its diversity and continuity, and a desire in staying actively involved in government. *U.S. Government meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

**13I**                      **U.S. GOVERNMENT HONORS/MUN**  
**Credit:**              **5 Credits**              **Semester**  
**Open to:**              **Grade 12**  
**Prerequisite:**        **MUN Pathway/Teacher approval**  
**UC Approved:**        **Yes; fulfills the "G" College-Prep Elective requirement (½ year only)**



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**Description:** United States Government is a one semester course required of all twelfth-grade students. The course encompasses the following major themes: The American Constitution, the executive, legislative, and judicial branches of **government**; functions of both formal and informal political groups; the decision-making process (individuals and groups); political and legal theories; comparative political, legal and economic systems. In addition, participation in a minimum of four local advanced MUN conferences throughout the year will supplement the regular course of study. At these conferences students will research United Nations and country policy to debate and create solutions to global issues. Approximately 0 - 3 hours of homework per week (varies drastically per student and focuses on month long research assignments in preparation for conferences, rather than nightly work).

**13K**                      **AP U.S. GOV'T/POLITICS**  
**Credit:**                **5 Credits**                **Semester**  
**Open to:**              **Grade 12**  
**Prerequisite:**        **"B" or above in AP European History and/or AP U.S. History or "A" in U.S History and teacher recommendation**  
**UC Approved:**        **Yes**

**Description:** As an Advanced Placement course, this course will focus on the various institutions, groups, beliefs, and ideas that constitute United States politics. Students will gain an analytical perspective on government and politics in the United States both by studying the general concepts used to interpret U.S. politics and by analyzing specific examples. Students will learn how to analyze and interpret basic data relevant to U. S. government and politics. Students will be prepared to take the AP U.S. Government and Politics in May. Many colleges and universities will grant one college semester credit for introductory U.S. Government class for a score of 3 or above on the AP exam. *AP U.S. Government meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

**14E**                      **ECONOMICS**  
**Credit:**                **5 Credits**                **Semester**  
**Open to:**              **Grade 12**  
**Prerequisite:**        **None**  
**UC Approved:**        **Yes**

**Description:** This one semester class is designed to provide students with an overview of general economic theories and principles in order to prepare students to make economic decisions on their own related to life after high school graduation. The study of economics addresses basic economic problems, the nature of economic systems, the making of economic decisions in a market society, economic growth, economic fluctuations, national income and distribution. The nature of consumer decision making, money and sources, consumer buying, and the rights and responsibilities of consumers, producers and citizens are also examined. This course is a requirement to graduate. UC Elective.

**14G**                      **ECONOMICS HONORS/MUN**  
**Credit:**                **5 Credits**                **Semester**  
**Open to:**              **Grade 12**  
**Prerequisite:**        **MUN Pathway/Teacher approval**  
**UC Approved:**        **Yes; fulfills the "G" College-Prep Elective requirement (½ year only)**

**Description:** This is a one semester course required of all twelfth-grade students. This course provides students with an overview of general economics theories and principles. It prepares students to make economic decisions especially related to life on their own after high school graduation. The study of economics addressed basic economic problems and nature of economics systems, making of economic decisions in society, economic growth, economic fluctuations, national income and distribution. The nature of consumer decision making, money, and social consumer buying, and the rights of responsibilities of consumers and citizens involved. In addition, participation in a minimum of four local advanced MUN conferences throughout the year will supplement the regular course of study. At these conferences students will research United Nations and country policy to debate and create solutions to global issues.

**14K**                      **AP ECONOMICS (Macro)**  
**Credit:**                **5 Credits**                **Semester**

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**Open to:** Grade 12  
**Prerequisite:** None  
**UC Approved:** Yes

Description: This one semester class is designed to provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course is intended to prepare students to take the Advanced Placement exam in Macroeconomics and is also a requirement to graduate. UC Elective.

**14P** **AP PSYCHOLOGY**  
**Credit:** 10 Credits Year  
**Open to:** Grade 11-12  
**Prerequisite:** "A" or "B" in any previous honors (this includes Sophomore English Honors) and/or AP class.  
**UC Approved:** Yes

Description: This AP elective is two-semesters focusing on the study of the behavior and mental processes of both humans and animals. Through discussions, readings, simulations and other activities, students will delve into what makes us think and act the way we do. The course will allow students to understand themselves and the people around them based on scientific psychological research and the ethics involved when discovering the human mind. Topics include mental illness, learning, therapy, states of consciousness and much more. Mature and controversial subjects such as human sexuality, violence and racism will be discussed. Students will gain insight into the human experience and be prepare for the AP Psychology test. Many colleges and universities will grant one semester of elective credit with a score of 3 or above on the AP exam. *AP U.S. Psychology meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

**15E** **SOCIAL PSYCHOLOGY**  
**Credit:** 10 Credits Year  
**Open to:** Grade 11-12  
**Prerequisite:** None  
**UC Approved:** Yes

Description: Psychology is an elective two semester course intended for juniors and seniors. It is intended to give students a broad picture of the study of human relationships. Topics include the family, social groups, minorities, propaganda, education, and rural and urban problems. This is an elective course. Some of the topics studied are principles of learning, types of personality, understanding human behavior, patterns of behavior, emotional and behavioral adjustments, group influences, and psychology and society. *Psychology meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

**[TBD]** **Origins of Our Community (Meets "Ethnic Studies" state requirement)**  
**Credit:** 5 Credits Semester  
**Open to:** Grade 9-12  
**Prerequisite:** None  
**UC Approved:** Yes

Description: The course aims to help students develop 21st Century Learning skills, such as collaboration, communication, creativity, and critical thinking. Additionally, students will develop their critical reading, writing, listening and speaking skills needed for academic success along with personal and community transformation. Origins of Our Community builds upon the diverse histories and experiences in our local communities and throughout the United States to aid students in making connections between larger systems of power and their communities and identities. Students will examine how key social movements organize with communities and different approaches to civic engagement.

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# English—UC/CSU “B” Requirement

<b>01C</b>	<b>CP ENGLISH 1</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to:</b>	<b>Grade 9</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>Yes</b>

Description: CP English 1 is a literature-based course, which integrates the study of writing, literature, vocabulary, speaking, listening, and library skills. The emphasis is on writing and literature and on the critical thinking skills necessary in these areas. English 1 introduces the basic types of literature through classic works. Students study short stories, poetry, novel, drama, and nonfiction. *English 1 meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

<b>01G</b>	<b>CP ENGLISH HONORS 1</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to:</b>	<b>Grade 9</b>
<b>Prerequisite:</b>	<b>Placement may be determined by test scores (ex. SBAC), grades and teacher recommendation. Summer reading assignment is required: <a href="http://bit.ly/FVEnglishSummer">bit.ly/FVEnglishSummer</a>.</b>
<b>UC Approved:</b>	<b>Yes</b>

Description: CP English Honors 1 is a challenging year-long literature and composition course that meets all of the elements of the English 1 course offering. Additionally, students enrolled in English Honors 1 receive regular homework, are accountable for short and long-range assignments, and are responsible for extensive reading outside of class—all of which require high-order thinking. *English Honors 1 meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs..*

<b>02C</b>	<b>CP ENGLISH 2</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to:</b>	<b>Grade 10</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>Yes</b>

Description: CP English 2 will continue to develop the skills mentioned in the description of English 1. *English 2 meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs*

<b>02G</b>	<b>CP ENGLISH HONORS 2</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to:</b>	<b>Grade 10</b>
<b>Prerequisite:</b>	<b>To receive Honors Committee recommendation, students need an 80% or above both semesters in English Honors 1, or a 93% or above both semesters in English 1. Summer reading assignment is required: <a href="http://bit.ly/FVEnglishSummer">bit.ly/FVEnglishSummer</a>.</b>
<b>UC Approved:</b>	<b>Yes</b>

Description: CP English Honors 2 reinforces and expands competencies initiated in Honors English 1. This is an accelerated class specifically designed for outstanding, serious students who are challenged to read, to analyze, and to write extensively, using higher-level critical thinking skills. *English Honors 2 meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs*

<b>03E</b>	<b>CP ENGLISH 3</b>
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**Credit:** 10 Credits      Year  
**Open to:** Grade 11  
**Prerequisite:** None  
**UC Approved:** Yes

Description: CP English 3 is a challenging academic course designed for serious, college-bound students. Readings from American Literature, classroom discussion, writing assignments, and regular homework stimulate high levels of critical thinking. *CP English 3 meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

**03K                      AP ENGLISH 3 (LANGUAGE)**

**Credit:** 10 Credits      Year

**Open to:** Grade 11

**Prerequisite:** To receive Honors Committee recommendation, students need an 80% or above both semesters in English Honors 2, or a 93% or above both semesters in English 2. Summer reading assignment is required: [bit.ly/FVEnglishSummer](http://bit.ly/FVEnglishSummer).

**UC Approved:** Yes

Description: AP English 3 is a challenging academic course that focuses on persuasive expository reading and writing. While promoting writing in many contexts for a variety of purposes, the AP English Language course focuses on the rhetorical strategies authors employ to achieve their purpose. Here students think deeply about language as a persuasive tool and about the dynamic relationship of writer, audience, and argument. *AP English 3 meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs. Summer Reading Required. Fees involved for Advanced Placement Exams and materials.*

**04O                      LITERATURE-BASED READING AND WRITING: BRITISH**

**Credit:** 10 Credits      Year

**Open to:** Grade 12

**Prerequisite:** None

**UC Approved:** Yes

Description: This scaffolded and thoughtfully paced college-prep course is a chronological study of historical, philosophical, and cultural backgrounds of British literature. Students who receive a low grade for junior-year's English will benefit from this course while simultaneously preparing for college- level work. *Literature-Based Reading and Writing (LBRW) meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**05A                      AP ENGLISH 4 (LITERATURE)**

**Credit:** 10 Credits      Year

**Open to:** Grade 12

**Prerequisite:** To receive Honors Committee recommendation, students need an 80% or above both semesters in AP English 3 (Language), or a 93% or above both semesters in English 2. Summer reading assignment is required: [bit.ly/FVEnglishSummer](http://bit.ly/FVEnglishSummer).

**UC Approved:** Yes

Description: AP English 4 engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts (novels, plays, and poetry), students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. *AP English 4 meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs. Summer reading required. Fees involved for Advanced Placement Exam and materials.*

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**050**                      **LITERATURE AND MODERN MEDIA**  
**Credit:**                **10 Credits**                **Year**  
**Open to:**              **Grade 12**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes**

Description:            The course work is a chronological study of historical, philosophical, and cultural backgrounds of British literature along with analysis of contemporary forms of mass media and culture. *Literature and Modern Media meets UC/ CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.*

**06D**                      **JOURNALISM: NEWS**  
**Credit:**                **10 Credits**                **Year**  
**Open to:**              **Grade 9-12**  
**Prerequisite:**        **Permission of instructor required.**  
**UC Approved:**       **No**

Description:            This course provides students with hands-on experience of working collaboratively to produce the student newspaper, Baron Banner, and its online companion BaronNews.com. Students will have opportunities to learn and practice the skills of writing, communication, investigation, illustration, layout, design, photography, and/or online publishing as they tell the stories of Fountain Valley High School and share their opinions and insights about the world around them. Elective Credit only— not English credit.

**54F**                      **COLLEGE/CAREER LITERACY 1 (READING)**  
**Credit:**                **10 Credits**                **Year**  
**Open to:**              **Grade 9**  
**Prerequisite:**        **HBUHSD Reading Placement Guidelines will be used to place students.**  
**UC Approved:**       **No**

Description:            This course is recommended for all freshmen who score 1050 or below on the Reading Inventory. The course is also offered as an elective to any ninth grade student who recognizes his/her need for improving reading skills. It is designed on an individualized, diagnostic and prescriptive basis and is a remedial course for basic skills.

# Program for English Language Learners (PELL) English Language Development (ELD)

## DESIGNATED ELD

Designated English language development.

**The California ELA/ELD Framework:** "Designated ELD is a protected time during the regular school day when teachers use the CA ELD standards as the focal standards in ways that build into and from content instruction in order to develop critical English language skills, knowledge, and abilities needed for content learning in English. Designated ELD is not separate and isolated from ELA, science, social studies, mathematics, and other disciplines; rather, it is an opportunity during the regular school day to support ELs in developing the discourse practices, grammatical structures, and vocabulary necessary for successful participation in academic tasks in all content areas. During this protected time, ELs are actively engaged in collaborative discussions in which they build their awareness of language and develop their skills and abilities to use language."

## ENGLISH LANGUAGE DEVELOPMENT

These courses are required each year for all English Learners. These courses provide language support through programmed instruction at four levels of difficulty until students score a 4 on the ELPAC and become proficient in reading according to the Reading Inventory. Working toward the goal of reclassifying students as fluent English proficient (FEP), this class focuses on fluency in the English language through reading, writing, listening and speaking. The English Language Development standards build a foundation for eventual mastery of all California content area standards.

**07L**                      **ENGLISH LANG. DEVELOPMENT 1**  
**Credit:**                **10 Credits        Year**  
**Open to:**              **Grade 9-12**  
**Prerequisite:**        **Test scores, ELPAC, Reading Inventory**  
**UC Approved:**       **No**

**07M**                      **ENGLISH LANG. DEVELOPMENT 2**  
**Credit:**                **10 Credits        Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Test scores, ELPAC, Reading Inventory**  
**UC Approved:**       **No**

**07N**                      **ENGLISH LANG. DEVELOPMENT 3**  
**Credit:**                **10 Credits        Year**  
**Open to:**              **Grade 9-12**  
**Prerequisite:**        **Test scores, ELPAC, Reading Inventory**  
**UC Approved:**       **No**

**07O**                      **ENGLISH LANG. DEVELOPMENT 4**  
**Credit:**                **10 Credits        Year**  
**Open to:**              **Grade 9-12**  
**Prerequisite:**        **Test scores, ELPAC, Reading Inventory**  
**UC Approved:**       **No**

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# Mathematics—

## UC/CSU “C” Requirement

### **20I1 ALGEBRAIC MINDSETS**

**Credit:** 10 Credits Year

**Open to:** Grade 9

**Prerequisite:** 8th Grade teacher recommendation.

**UC Approved:** No

Description: This one-year course begins with the essential and foundational skills necessary to prepare students for a rigorous Algebra 1 curriculum. Areas of focus include order of operations, integers, absolute value, combining fractions, solving one and two step equations, graphing functions, probability, and data analysis. The course continues with study of algebraic axioms and their application to solutions of linear equations, inequalities in one and two variables, construction of formulae and graphs, operations with fractions, and equation solving. Additionally, students will learn note taking and study skills required for college success. Throughout the course, students will practice a Mathematical growth mindset, which will prepare them for Algebra 1, Geometry and Algebra 2.

### **20J1 ABSTRACT TO VISUAL: ALGEBRA 1 WITH PROGRAMING**

**Credit:** 10 Credits Year

**Open to:** Grade 10-12

**Prerequisite:** Placement for 10<sup>th</sup>-12<sup>th</sup> grade requires grade of “C” or above in Algebraic Mindsets and teacher recommendation, or credit recovery for Algebra 1

**UC Approved:** Yes

Description: In this course, students make the abstract concrete by learning Algebra 1 in a programming context. Through direct instruction, weekly discussion and programming projects, students are able to visualize the Algebra 1 topics examined in the course. These topics include linear functions, exponential functions, and quadratic functions as outlined in the CA Math Standards. Students design, develop, implement, maintain, and manage programming skills using Google CoLab with an introduction to the Python Language. In addition, students will explore algebraic concepts through Desmos Activities, differentiated instruction through Math iXL, and hands-on learning through lessons from the Irvine Math Project. By doing so, students develop effective habits of mind --making sense of problems and persevere in solving them, reasoning abstractly and quantitatively, constructing viable arguments, and critiquing the reasoning of others, modeling with mathematics, using appropriate tools strategically, attending to precision, looking for and making use of structure, and looking for and expressing regularity in repeated reasoning. Lastly, students develop college and career readiness skills via collaboration, communication, critical thinking, and creativity by transforming abstract thinking into concrete products using Algebra 1 within the context of programming. (*Abstract to Visual: Algebra 1 with Programing meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors program.*)

### **21I ALGEBRA 1**

**Credit:** 10 Credits Year

**Open to:** Grade 9-12

**Prerequisite:** 9th grade placement is determined by District Placement exam; 8th grade teacher recommendation and grades. Placement for 10th-12th grade requires teacher recommendation

**UC Approved:** Yes

Description: Algebra 1 provides an introduction to higher mathematics beyond arithmetic, including statistics. Areas of study include algebraic axioms and their application to solutions of linear equations, inequalities in one and two variables, construction of formulae and graphs, operations with fractions and equation solving, relation and function concepts, systems of rational and irrational numbers, and solutions of quadratic and exponential equations and inequalities. *Algebra 1 meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors program.*



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**22A**                      **GEOMETRY**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 10-12**  
**Prerequisite:**        **Passing grade in both semesters of Algebra 1.**  
**UC Approved:**        **Yes**

Description:            Geometry includes the study of measurement, angles, perpendicular and parallel lines, congruent and similar triangles, polygons, and right triangles, coordinate geometry, circles, area of polygonal regions, surface area and volume of solid regions, and probability. *Geometry meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors program.*

**22C**                      **ACCELERATED GEOMETRY**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 9-12**  
**Prerequisite:**        **9th grade placement is determined by District Placement exam, 8th grade teacher recommendation and grades. Placement for 10th-12th grade requires grade of “B” or above in Algebra 1 and teacher recommendation**  
**UC Approved:**        **Yes**

Description:            Accelerated Geometry includes all the topics of the Geometry course. The concepts covered also include proofs and derivations of theorems and postulates. In addition, students will write proofs within all topics covered throughout the year. *Accelerated Geometry meets UC/CSU University entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**21K**                      **ALGEBRA 2**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 10-12**  
**Prerequisite:**        **“C” or better in both semesters of Algebra 1 and Geometry or a passing grade in Accelerated Geometry**  
**UC Approved:**        **Yes**

Description:            Algebra 2 reviews and reinforces the concepts learned in Algebra 1, and continues with an extension of these concepts including piecewise functions, linear systems in three variables, and the complex number system. Main topics of Algebra 2 include the study of polynomial functions, exponential and logarithmic functions, sequences and series, statistics and a brief introduction to trigonometry. *Algebra 2 meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**21S1**                    **ALGEBRA 2 Trig**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 10-12**  
**Prerequisite:**        **Algebra 1 and Accelerated Geometry with a “B” or above in each semester or Geometry with an “A” in each semester, teacher recommendation, and passing the Alg 2 Trig Placement Exam**  
**UC Approved:**        **Yes**

Description:            Algebra 2 Trig is a challenging course that includes all the topics of the Algebra 2 course in the first three quarters of the school year. The concepts covered also include proofs and derivations of formulas and a deeper analysis of these concepts. The study of trigonometry during the fourth quarter includes the unit circle, trigonometric and inverse trigonometric functions, graphs of trigonometric functions, and proofs of trigonometric identities/formulas. This is an advanced course specifically designed for students who have a strong mathematical background and are challenged to read, analyze and explain mathematical concepts. *Algebra 2 Trig meets UC/CSU university entrance requirements and is approved for the Scholar with Honors/Scholar with Expertise programs.*



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**22R**                      **PROBABILITY/STATISTICS & TRIGONOMETRY**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**               **Grade 11-12**  
**Prerequisite:**        **Passing grade in both semesters of Algebra 2.**  
**UC Approved:**        **Yes**

Description:            This year-long course is available to students who have completed Algebra 2 or higher. First semester focuses on Probability and Statistics and includes normal distribution, counting, probability, correlation, and other related topics. Second semester centers around Trigonometry, and includes solving triangles, the unit circle, trigonometric graphs, trigonometric identities/formulas, and other related topics. The course is a good alternative to pre-Calculus or Calculus, or in preparation for the Trigonometry used in pre-Calculus and Calculus. *Probability/Statistics & Trigonometry meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**22S**                      **AP STATISTICS**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**               **Grade 11-12**  
**Prerequisite:**        **"A" in Algebra 2 Trig; OR "B" or better in Prob/Stat/Trig or Precalculus each semester; OR "C" or better in Precal Honors each semester.**  
**UC Approved:**        **Yes**

Description:            AP Statistics is the science of collecting, organizing, analyzing, and drawing conclusions from data. Units of study include Exploring One- and Two-Variable Data, Collecting Data, Probability & Random Variables, Sampling Distributions, and Statistical Inference. Students will apply statistics to applications in business, psychology, environmental science, and other important fields. The course will also utilize many statistical features of the TI-84 Graphing Calculator. Please note that this course may be taken concurrently with either of the Pre-Calculus or AP Calculus courses. *AP Statistics meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**22J**                      **PRE-CALCULUS**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**               **Grade 11-12**  
**Prerequisite:**        **"C" or better in both semesters of Algebra 2\* / Algebra 2 Trig**  
                              **\*("C" in Alg 2 not usually recommended for Pre-Calculus)**  
**UC Approved:**        **Yes**

Description:            Pre-Calculus reinforces the concepts from Algebra 2, especially functions and their properties. The course combines many of the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus, and strengthens their conceptual understanding of applications and mathematical reasoning in solving problems. Main topics include linear, quadratic, polynomial and rational functions, logarithmic and exponential functions, polar coordinates and trigonometry - the unit circle, trigonometric functions, their inverses and graphs, and trigonometric identities. *Pre-Calculus meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**22L**                      **PRE-CALCULUS HONORS**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**               **Grade 11-12**  
**Prerequisite:**        **Algebra 2 Trig with a "B" or above in each semester**  
**UC Approved:**        **Yes**

Description:            Pre-Calculus Honors is a rigorous year long course that includes topics from Pre-Calculus and more to prepare students for AP Calculus B/C. The course expands on many topics that were initially introduced in Algebra 2 Honors. Students will develop Trig identities, and apply logarithms to real world situations. Students will also be introduced to limits, the definition of a derivative, and techniques for finding tangent lines for relations, functions and parametric equations. *Pre-Calculus Honors meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

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**23I**                      **AP CALCULUS/AB**  
**Credit:**                **10 Credits        Year**  
**Open to:**              **Grade 11-12**  
**Prerequisite:**        **"C" or better in each semester of Pre-Calculus Honors or a "B" or better in Pre-Calculus**  
**UC Approved:**        **Yes**

Description:            AP Calculus AB is a beginning Calculus course which includes the topics of limits and continuity, derivatives and applications, and integrals and applications. Additionally, concepts from Pre-Calculus are reviewed. *AP Calculus AB meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**23B**                      **AP CALCULUS/BC**  
**Credit:**                **10 Credits        Year**  
**Open to:**              **Grade 11-12**  
**Prerequisite:**        **Pre-Calculus Honors with a "B" or above in each semester.**  
**UC Approved:**        **Yes**

Description:            AP Calculus BC is a challenging Calculus course which includes all the topics of the AP Calculus AB course. This course also includes additional integration techniques such as integration by parts and integration by partial fractions, improper integrals, sums and convergence and divergence of infinite series and calculus of parametric and polar functions. *AP Calculus BC meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**24G**                      **CONSUMER MATH**  
**Credit:**                **10 Credits        Year**  
**Open to:**              **Grade 12**  
**Prerequisite:**        **Fulfilled state algebra requirement**  
**UC Approved:**        **No**

Description:            Consumer math is a senior course which covers the math problems required to be an informed consumer. Students study topics such as banking, buying and owning a car, income tax, and insurance and budgeting.

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# Science—UC/CSU “D” Requirement

<b>26A</b>	<b>PHYSICAL SCIENCE</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to:</b>	<b>Grade 9</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>Yes      “G” elective</b>

Description:      **Physical Science is a one-year freshman level class. One semester is a survey of chemistry and earth science; the other semester is a survey of physics and space science.** Units of study are: observation and measurement, matter--its forms and changes, forces, forms of energy, the makeup of Earth and its features; and the structure and formation of the Universe. The student is given a basic treatment of the subject with an emphasis on practical application. Students will develop skills related to the reading of technical text, scientific writing, and real world science applications. This course meets the physical science graduation requirement and the UC/CSU elective “g” requirement for admission.

<b>28K</b>	<b>PHYSICAL SCIENCE CP – Lab Science</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to:</b>	<b>Grade 9</b>
<b>Prerequisite:</b>	<b>Placement is determined by multiple measures including HBUHSD math placement test scores, 7th Grade CAASPP scores, 8th grade teacher recommendation and grades.</b>
<b>Co-Requisite:</b>	<b>Algebra 1</b>
<b>UC Approved:</b>	<b>Yes</b>

Description:      **Physical Science CP is a one-year college preparatory course that introduces freshman students to the basics of earth science, chemistry, space science, and physics.** It establishes an understanding of the Atomic Model of Matter through the completion of experiments, which characterize, separate, and identify elements and compounds. Emphasis is placed upon the reporting of scientific observations, handling of laboratory equipment, mastery of the mathematics of science, and upon critical thinking in the writing of scientific interpretations. The course establishes a foundation for chemistry, planetary science, earth science, and physics. The course meets the physical science graduation requirement and the UC/CSU “d” requirement for admission.

<b>27O</b>	<b>HONORS BIOLOGY</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to</b>	<b>Grade 9-12</b>
<b>Prerequisite:</b>	<b>(9th grade): Placement is determined by multiple measures including HBUHSD math placement test scores, 7th Grade CAASPP score of "Met or Exceeded Standard" for Math and ELA, 8th grade teacher recommendation and grades. (10th-12th GRADE): “B” or above in 28K Physical Science CP or “A” in 26A Physical Science with teacher recommendation</b>
<b>UC Approved:</b>	<b>Yes</b>

Description:      Honors Biology is an engaging and rigorous course that delves into the world of life sciences while nurturing critical thinking and scientific inquiry. This advanced high school level program in biology focuses on a comprehensive exploration of cellular structure, genetics, biotechnology, evolution, ecology, and human anatomy. Through a combination of classroom discussions, interactive activities, and hands-on laboratory experiments, students will immerse themselves in exploring the complexities of life sciences. Emphasizing critical analysis and problem-solving, this course encourages students to think creatively and collaboratively as they investigate the interconnectedness of living organisms and their environments. By the end of this course, students will demonstrate a solid foundation in biology, poised for continued success in advanced science coursework.

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**26K**                      **CHEMISTRY IN THE COMMUNITY (CHEM COM)**  
**Credit:**                **10 Credits**            **Year**  
**Open to:**              **Grade 10-12**  
**Prerequisite:**        **"C" or above in Algebra 1 or above. "C" or above in 27E Accelerated Biology, 27O Honors Biology or 27K Biology and teacher recommendation**  
**UC Approved:**        **Yes**

Description:            Chemistry in the Community is an investigative course that emphasizes global themes to study the structure of atoms, molecules and the interaction of matter and energy. A survey of the chemistry of various earth science concepts will also be undertaken. Topics will include rock cycle and related earth processes, carbon and hydrologic cycles, ocean acidification and air pollution. Students will develop skills related to the reading of technical text, scientific writing, and real world science and engineering applications.

**26I**                      **CHEMISTRY**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **"B" or above in Algebra 1 or higher. "C" or above in 27E Accelerated Biology or 27O Honors Biology or "A" in 27K Biology and teacher recommendation. Concurrent enrollment in Algebra II *recommended*.**  
**UC Approved:**        **Yes**

Description:            Chemistry is an investigative course emphasizing laboratory techniques to study atomic structure, molecular structure and the interaction of energy and matter. A survey of the chemistry of various earth science concepts will also be undertaken. Topics will include rock cycle and related earth processes, carbon and hydrologic cycles, ocean acidification and air pollution. Students will develop skills related to the reading of technical text, scientific writing, and real world science and engineering applications. The goal of the course is to be an introduction to college level chemistry.

**26O**                      **AP CHEMISTRY**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **"A" in Algebra II or concurrent enrollment in Algebra II/Trig. or higher and A/B in 26I Chemistry and teacher recommendation**  
**UC Approved:**        **Yes**

Description:            Introductory college level topics in chemistry are studied. Students will master skills related to the reading of technical text, scientific writing, and real world science applications. May earn college credit based on score earned on advanced placement exam. This course may include completion of a summer assignment prior to the beginning of the school year.

**27K**                      **BIOLOGY**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **"C" or higher in 26A Physical Science (Intro) or 28K Physical Science CP**  
**UC Approved:**        **Yes**

Description:            Biology is the study of life processes including cellular biology, genetics, ecology, evolution, and human anatomy. Emphasizing practical application, the curriculum encourages students to use class discussions, interactive activities, and hands-on experiments to understand the workings of organisms and ecosystems. This course nurtures critical thinking skills essential for further academic pursuits. Successful students will gain a solid grasp of foundational biology and be equipped with the scientific understanding to navigate the complexities of our natural world.

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**27Q**                      **AP BIOLOGY**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **"B" or above in 27E Accelerated Biology or 27O Honors Biology and 26I Chemistry and teacher recommendation.**  
**UC Approved:**        **Yes**

Description:            AP Biology is a college introductory course in biology comparable to college biology for biology or pre - med majors. Curriculum topics are centered around 4 central themes or "big ideas" in biology: Information, Interactions, Energy, and Evolution with emphasis placed on the practices of science. Students will master skills related to the reading of technical text, scientific writing, critical thinking, experimental design, and real world science applications. The course is extremely rigorous and suitable for students who are self-directed learners with a strong ability to think critically. May earn college credit based on score earned on advanced placement exam. This course may include completion of a summer assignment prior to the beginning of the school year.

**26Q**                      **PHYSICS**  
  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **"C" or above in Algebra I and Geometry and minimum concurrent enrollment in Algebra II recommended concurrent enrollment in Precalculus or higher, and teacher recommendation.**  
**UC Approved:**        **Yes**

Description:            Physics is an investigative course emphasizing the interaction of forces, matter and energy. The principles of physics are studied through experimentation. Students will develop skills related to the reading of technical text, scientific writing, and real world science applications.

**26E**                      **AP PHYSICS 1**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **"B" or above in Algebra II Honors AND minimum concurrent enrollment in Precal Honors**  
**UC Approved:**        **Yes**

Description:            AP Physics 1 is the equivalent of an algebra-based college course at a college or university. The course is a two semester class, so students have the time to master foundational physics principles while engaging in science practices. Although math is utilized, the emphasis is on knowledge of physical principles rather than the math required to compute answers. This introductory course explores topics such as kinematics, forces, Newtonian mechanics (including rotational motion), work, energy and power, and fluids. Students will develop scientific thinking and reasoning skills. The national AP Physics 1 exam is offered in May to allow students the opportunity to qualify for college credit and/or advanced placement at the college they will attend.

**2901**                      **AP PHYSICS 2**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **"B" or above in AP Physics 1**  
**UC Approved:**        **Yes**

Description:            AP Physics 2 is a continuation of AP Physics 1, which students should have already completed. This course continues the foundational work begun in AP Physics 1, and applies those skills to new content. Subjects covered include thermodynamics, electrostatics, electric circuits, magnetism, waves and optics, and 20th century physics. This course may count for college credit depending on your score on the AP exam in May, and college acceptance. This course may include a summer assignment to be completed before the beginning of the year.

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**27I EARTH SCIENCE****Credit: 10 Credits Year****Open to Grade 10-12****Prerequisite: "C" or above in 27K Biology, and completion or concurrent enrollment in Geometry****UC Approved: Yes**

Description: Earth Science is a laboratory science that will take an in-depth look at the natural world and its processes. Its broad curriculum will give students a comprehensive understanding of the universe and the natural world. Units of study include matter, energy, origin and evolution of the Earth and its solar system, geology, meteorology, and the cycles that circulate energy and material through the biosphere. Students will develop skills related to reading scientific text, scientific writing, introductory laboratory techniques, and real world science applications.

**27S AP ENVIRONMENTAL SCIENCE****Credit: 10 Credits Year****Open to Grade 11-12****Prerequisite: "B" or above in 27E Accelerated Biology or 27O Honors Biology and 26I Chemistry and teacher recommendation.****UC Approved: Yes**

Description: AP Environmental Science is an integrated course that includes the study of biological, physical, chemical, geological, historical, and sociological concepts. Topics include: ecological principles, geological principles, renewable and nonrenewable resources, environmental quality (air, water, & soil pollution), human population dynamics, global changes and their consequences and interdependence of earth systems. The course includes lab work and extensive testing preparation along with exploration of environmental science careers including law, medicine, and engineering. Basic math skills are needed. Many colleges/universities will grant one college semester credit for introductory science with a score of 3 or above on the AP exam.

**27U PHYSIOLOGY****Credit: 10 Credits Year****Open to Grade 11-12****Prerequisite: "C" or above in 27E Accelerated Biology, 27O Honors Biology or 27K Biology, and 26K Chemistry in the Community or 27I Chemistry.****UC Approved: Yes**

Description: This rigorous, college-preparatory elective science course includes a detailed study of the anatomy and physiology of the major human body systems. Emphasis is placed on homeostatic balance, the relationship between structure and function, and the interrelationships between systems. Students will gain hands-on clinical skills including microscopy, evaluation of cardiac health, spirometry, and model organism dissection. Recommended for students interested in a health-related career, especially those planning to study medicine, nursing, physical therapy, athletic training, or physical education. Physiology is also appropriate for those students seeking to gain a better understanding of their own body functions for improved personal health.

**27G MARINE BIOLOGY****Credit: 10 Credits Year****Open to Grade 11-12****Prerequisite: Successful completion of Algebra 1, successful completion of one year of "d" physical science and one year of "d" biological science****UC Approved: Yes**

Description: Marine Biology is a UC approved laboratory science course which introduces students to marine environments, the organisms that inhabit them, and the human activities which affect, and are affected by, aquatic ecosystems. The first semester is focused on physical science content. The course will begin with an exploration of the major oceans followed by the physical and chemical properties of seawater along with the ocean's role in atmospheric phenomena and biogeochemical cycling. Next we will consider physical oceanography including large scale patterns of ocean circulation and tides and the origins of local phenomena, such as waves. The geology of the coastal oceans, beaches and ocean floor bathymetry will lead into a study of major marine communities and the biotic and physical factors that structure them. Second semester is focused on the diversity of life in the oceans, including an introduction to the many plant and animal phyla represented there. Students will understand taxonomic and morphological differences of organisms in the world's oceans and the interrelationships that have driven their continued evolution. Special emphasis during second semester will include focused research on a topic of interest (including but not limited to global climate patterns, coastal development, fisheries management, the oceans' responses to a warming world).

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**30M1**                      **Forensic Science**  
**Credit:**                **10 Credits**                **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **Successful completion of 1 year of Biology, and 1 year of Physical Science (28K) or Chemistry.**

**UC Approved:**        **Yes**

Description:        Forensic Science is a one-year program that is designed to teach the real-world application of biology, anatomy, physiology, chemistry, and physics to solving crimes. Students will be challenged to use their knowledge of these sciences to evaluate evidence and apply critical thinking and scientific reasoning to solve simulated and historical cases. This course will explore key topics in forensics science, including the application of scientific processes to forensic analysis, procedures and principles of crime scene investigation including physical and trace evidence and evidence analysis. Through a variety of lessons including hands-on and virtual labs and analysis of fictional crime scene scenarios students will learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions. This course will meet the school and state performance expectations including A-G category D credit and is aligned with the Next Generation Science Standards (NGSS).

**29Q**                      **HEALTH**  
**Credit:**                **5 Credits**                **Semester**  
**Open to**                **Grade 9**  
**Prerequisite:**        **None**  
**UC Approved:**        **No**

Description:        Health has been designed to align with the California State Health Framework. This course will emphasize the themes of health literacy and decision making skills. Health is a skills-based class with unifying ideas that include, "Acceptance of personal respect for lifelong health, respect for and promotion of the health of others, and an understanding of the process of growth and development." (California State Health Framework) Students will focus on making healthy choices, personal safety, mental and emotional health, social and family health, nutrition and fitness, diseases and disorders, prevention of substance abuse, and family life education.

**93J1**                      **SPORTS MEDICINE AND ATHLETIC TRAINING**  
**Credit:**                **10 Credits**                **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **"C" or above in 27E Accelerate Biology, 27O Honors Biology or 27K Biology, and 26K Chemistry in the Community or 26I Chemistry**  
**UC Approved:**        **Yes**

Description:        Students will learn about the anatomy and physiology of the human body, the interaction of body systems, theories and methods of prevention, evaluation, management and rehabilitation of sports and exercise related injuries. Cellular structure and the body's chemical response to pharmaceutical agents, disease, injury, and stress will be addressed. Students will use scientific methods of observation, investigation, experimentation, data collection and data analysis. Laboratory and practicum work is performed both in and outside of the classroom.

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# World Languages—

## UC/CSU “E” Requirement

**34A**                      **SPANISH 1**  
**Credit:**                **10 Credits**                **Year**  
**Open to:**                **Grade 9-12**  
**Prerequisite:**        **Read at grade level or a “C” in 9th grade English**  
**UC Approved:** **Yes**

Description:                Spanish 1 is the first part of a four-year sequence. Course content focuses on the development of skills in listening, speaking, reading and writing with emphasis on communication in the Spanish language and mastery of a core vocabulary. Students are given an introduction to basic expressions, grammar, and Hispanic culture. Curricular themes include describing common activities, school, food, leisure activities, and family.

**34C**                      **SPANISH 2**  
**Credit:**                **10 Credits**                **Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Grade of “B” or above in 8th grade Spanish, 8th grade teacher recommendation, and a “B” or above on placement test to be given in June. A “C” or above in Spanish 1.**  
**UC Approved:**        **Yes**

Description:                Spanish 2 is a continuation of Spanish 1, with emphasis on communication skills, review and expansion of fundamentals of grammar, core vocabulary, and culture. Curricular themes include discussing school and extracurricular activities, preparation for special events, shopping, getting around the community, celebrations, and natural phenomena. Students will build on their skills from Spanish 1, and will learn to communicate in the past tense.

**34E**                      **SPANISH 3**  
**Credit:**                **10 Credits**                **Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **“C” or above in Spanish 2**  
**UC Approved:**        **Yes**

Description:                Spanish 3 is a continuation of Spanish 2, with emphasis on communication skills, review and expansion of fundamentals of grammar, core vocabulary, and culture. Curricular themes include discussing nature, art, healthy living, relationships and careers. Students will build on their skills from Spanish 2, and will learn to communicate in various time frames.

**34G**                      **SPANISH 4**  
**Credit:**                **10 Credits**                **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **“C” or above in Spanish 3**  
**UC Approved:**        **Yes**

Description:                Spanish 4 is a continuation of Spanish 3, with emphasis on communication skills, review and expansion of fundamentals of grammar, core vocabulary, and culture. There is an increased focus on mastery of listening and reading authentic Spanish materials, as well as developing speaking and writing skills for communication. Completion of this course counts as a fourth year of a world language, and, if all other requirements are met, will allow students to earn the Seal of Biliteracy.



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**34I**                      **AP SPANISH 4 (Language and Culture)**  
**Credit:**                **10 Credits            Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **"B" or above in Spanish 3 or Español Dos, teacher recommendation and a grade of "B" or above on a written test to be given during fourth quarter of Spanish 3.**  
**UC Approved:**        **Yes**

Description:            A.P. Spanish 4 is a continuation of a four-year sequence that is taught at the university level. There is an increased focus on mastery of listening and reading authentic Spanish materials, as well as developing speaking and writing skills for communication. Curricular themes include personal and public identities, families and communities, global challenges, beauty and aesthetics, science and technology, and contemporary life. Within these themes, students will expand vocabulary, language structures, and cultural awareness of various products, practices, and perspectives of the Spanish speaking world. Completion of this course counts as a fourth year of a world language, and, if all other requirements are met, will allow students to earn the Seal of Biliteracy.

**41M**                      **"Español Uno" (Spanish for Spanish speakers)**  
**Credit:**                **10 Credits            Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Teacher Recommendation**  
**UC Approved:**        **Yes**

Description:            Español Uno is a year-long course designed, designed for native and heritage Spanish speakers, to improve students' ability to read, write, understand, and speak formal Spanish. The readings and classroom discussions take students through an exploration of the self and the Hispanic culture in the United States and Latin America. In addition, students learn about the arts and importance to Hispanic culture. This course introduces students to Latin America and Mexican American culture.

**41N**                      **"Español Dos" (Spanish for Spanish speakers)**  
**Credit:**                **10 Credits            Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Teacher Recommendation**  
**UC Approved:**        **Yes**

Description:            Español Dos is a year-long course, designed for native and heritage Spanish speakers, which emphasizes critical thinking, writing, vocabulary development, listening to different Spanish dialects, and speaking in an academic register. Español Dos students will continue learning the principles of Spanish orthography to bring up areas of grammar that are known to be particularly difficult for Hispanic bilinguals and to raise awareness of textual organization and composition. Students write different types of essays for variety of audiences and purposes. Students will make oral presentations so that they can practice their spoken language.

**35A**                      **FRENCH 1**  
**Credit:**                **10 Credits            Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Should read at grade level or a "C" in Freshman English.**  
**UC Approved:**        **Yes**

Description:            This course is designed as the first part of a four-year sequence. The French 1 course objective is to develop Novice-Low to Novice-Mid proficiency in three modes of written and oral communication: interpersonal, interpretive, and presentational. Course content is organized by thematic units in which students master core vocabulary, language structures, and basic cultural awareness. Also included is an introduction to various products and practices of the French speaking world.

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**35C**                      **FRENCH 2**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **"C" or above in French 1.**  
**UC Approved:**        **Yes**

Description:            French 2 is a continuation of a four-year sequence. The course objective is to develop Novice-mid to Novice-High proficiency in three modes of written and oral communication: interpersonal, interpretive, and presentational. Students will practice communicating in both present and past tenses. Course content is organized by thematic units in which students continue to develop vocabulary, language structure, and cultural awareness. Students will also expand knowledge of various products and practices of the French speaking world.

**35E**                      **FRENCH 3**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **"C" or above in French 2.**  
**UC Approved:**        **Yes**

Description:            French 3 is a continuation of a four-year sequence. The course objective is to develop Novice High to Intermediate-Low proficiency in three modes of written and oral communication: interpersonal, interpretive, and presentational. Students will practice communicating in a variety of tenses. Course content is organized by thematic units in which students continue to develop vocabulary, language structures, and cultural awareness. Students will also expand knowledge of various products, practices, and perspectives of the French speaking world.

**35G**                      **FRENCH 4**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **"C" or above in French 3.**  
**UC Approved:**        **Yes**

Description:            French 4 is a continuation of a four-year sequence. The course objective is to develop Intermediate-Low to Intermediate High proficiency in three modes of written and oral communication: interpersonal, interpretive, and presentational. Students will practice communicating in all major time frames. Course content is organized by thematic units in which students continue to develop vocabulary, language structures, and cultural awareness. Students will expand knowledge of various products, practices, and perspectives of the French speaking world. Completion of this course counts as a fourth year of a world language, and, if all other requirements are met, will allow students to earn the Seal of Biliteracy.

**35I**                      **AP FRENCH 4 (Language and Culture)**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **"B" or above in French 3 or teacher recommendation.**  
**UC Approved:**        **Yes**

Description:            A.P. French 4 is a continuation of a four-year sequence that is taught at the university level. The course objective is to develop Intermediate-Mid to Intermediate High proficiency in three modes of written and oral communication: interpersonal, interpretive, and presentational. Students will practice communicating in all major time frames. Curricular themes include personal and public identities, families and communities, global challenges, beauty and aesthetics, science and technology, and contemporary life. Within these themes students will expand vocabulary, language structures, and cultural awareness of various products, practices, and perspectives of the French speaking world. Completion of this course counts as a fourth year of a world language, and, if all other requirements are met, will allow students to earn the Seal of Biliteracy.

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**38A**                      **JAPANESE 1**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Should read at grade level or a “C” in Freshman English.**  
**UC Approved:**        **Yes**

Description:            Japanese 1 is designed as the first part of a four-year sequence. Course content focuses on the development of skills in listening, speaking, reading, and writing; using the Hiragana and the Katakana characters and some basic Kanji. This course emphasizes communication and a mastery of a core vocabulary, while studying basic expressions, grammatical structures and Japanese culture.

**38C**                      **JAPANESE 2**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **“C” or above in Japanese 1 and teacher recommendation.**  
**UC Approved:**        **Yes**

Description:            This course is a continuation of Japanese 1 with increased vocabulary, Kanji, grammatical structures and a refining of the skills in listening, speaking, reading and writing. The study of Japanese culture is continued.

**38E**                      **JAPANESE 3**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **“C” or above in Japanese 2 and teacher recommendation.**  
**UC Approved:**        **Yes**

Description:            This course is a continuation of Japanese 2 with increased vocabulary, Kanji, grammatical structures and a refining of the skills in listening, speaking, reading and writing. The study of the Japanese culture is continued.

**38G**                      **JAPANESE 4**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 12**  
**Prerequisite:**        **“C” or above in Japanese 3 and teacher recommendation.**  
**UC Approved:**        **Yes**

Description:            This course is a continuation of Japanese 3 with increased vocabulary, Kanji, grammatical structures and a refining of the skills in listening, speaking, reading and writing. The study of the Japanese culture is continued. Completion of this course counts as a fourth year of a world language, and, if all other requirements are met, will allow students to earn the Seal of Biliteracy.

**38K**                      **AP JAPANESE 4 (Language and Culture)**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 12**  
**Prerequisite:**        **“B” or above in Japanese 3 and teacher recommendation.**  
**UC Approved:**        **Yes**

Description:            AP Japanese 4 is a continuation of a four-year sequence that is taught at the university level. There is an increased focus on mastery of listening, speaking, reading and writing skills with a greater emphasis on communication in the Japanese language and a mastery of an expanded vocabulary, Kanji, grammar and common expressions. Completion of this course counts as a fourth year of a world language, and, if all other requirements are met, will allow students to earn the Seal of Biliteracy.

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## Seal of Biliteracy

Unique to HBUHSD is the potential to earn “The Seal of Biliteracy.” This is an award recognized by the state of California given to those who complete four years of a World Language. A “SEAL” is placed on the diploma along with a special cord worn at graduation. All three languages, Spanish, French and Japanese, qualify for the SEAL.

### Seal of Biliteracy requirements:

**Students must show proficiency in English by:**

- Completion of all English classes with a 3.0 GPA

**Or one** of the following

- At least “Standards Met” on the 11th grade SBAC test.
- Score of 3 or better on an AP English exam prior to senior year
- Score of 480 or higher on the Evidence Based Reading and Writing section of the SAT.

(For English learners, overall score of 4 on the ELPAC is required)

**Students must show proficiency in a World Language by doing one of the following:**

- Completing four years of the same world language with at least a 3.0 GPA in those courses

OR

- Passing a World Language Advanced Placement examination prior to senior year with a score of 3 or higher

OR

- Passing GWC 180, 185 and 280 (or equivalent at another college) with a 3.0 or higher

OR

- (Vietnamese only) Passing the alternate language test, administered once per year in the spring

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# Visual Arts—

## UC/CSU “F” Requirement

**91J**                      **INTRO TO ART**  
**Credit:**                **5 Credits**                **Semester**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **None**  
**UC Approved:**        **No**

Description:        Introduction to Art is a one semester course designed to introduce students to a variety of Visual Arts. Students will explore a beginning level of: Ceramics, Drawing, Painting, Photography and Sculpture. Emphasis for this class is to expose students to the many forms of art while encouraging creative expression through interpretation of the elements and principles of design. This course will allow students to experience both two and three-dimensional art, allowing for future study in the arts.

**47E**                      **ART 1 – Foundation Art**  
**Credit:**                **10 Credits**                **Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **None**  
**UC Approved:**        **Yes**

Description:        Art 1 Foundation is a fun beginner Arts & Crafts class that emphasizes creative expression in mixed art media. You will draw, paint, sculpt, spray paint, and tie dye. You might make a sticker, print a shirt or create a digital artwork. Learn color theory, and unity and emphasis in works of art. Thumbnail sketching and incorporating art practice and experimentation. This course can be taken for 1 or 2 semesters and can be taken non-sequentially. To receive Visual Art credit the student must take 2 semesters. (1 semester will result in only elective credit.)

**47F**                      **ART 2**  
**Credit:**                **10 Credits**                **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **Grade of “C” or above in Art 1; Department Coordinator approval.**  
**UC Approved:**        **Yes**

Description:        Art 2 is an intermediate course for the student who may want to take an AP studio courses in the future or someone who just enjoys art and wishes to expand their knowledge. Art 2 relies on the fundamentals learned from Art 1.

**47G**                      **ART 3**  
**Credit:**                **10 Credits**                **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **Grade of “C” or above in Art 1; Department Coordinator approval.**  
**UC Approved:**        **Yes**

Description:        Art 3 is an advanced course, taking from what was learned in Art 1 and 2; Art 3 continues to press the fundamentals while allowing for greater latitude in personal expression. Students enrolling in Art must have a strong understanding in the Art’s and be able to work independently. Students must have a “C” or better in Art 2 and or submit a portfolio to the instructor for his / her approval.

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**47Y**                      **ANIMATION**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **None**  
**UC Approved:**        **Yes**

Description:            The following course is designed for those who wish to explore the ever-expanding world of Animation and Cartooning. This course will touch on the history behind Animation and Cartooning and the subsequent explosion in the job market (comics, animation, gaming, children's books, and illustrations). Students will learn character development, perspective, color theory as well as Animation. Working with the Acme group (a consortium of professionals, professors and students) students will develop storyboarding, timing, backgrounds, compositions, and Animation. Colleges will view finished work, professionals and instructors offering advice and critiques. Students may submit their work to festivals throughout the country. Students need not be proficient in Animation or Cartooning, only have a strong interest and desire to learn. Meets UC/CSU Visual Arts Requirements.

**90E1**                    **ART OF ANIMATION**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **Art 1 or Instructor approval**  
**UC Approved:**        **Yes**

Description:            Acquire skill in traditional modeling, animation and motion graphics in 2D and 3D using industry standard software for the web, video and print media. Learn to create textures and background using Photoshop. Explore careers in the broad and diverse digital media arts pathway.

**48W**                    **DIGITAL VIDEO PRODUCTION**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **Teacher recommendation. Permission of instructor required.**  
**UC Approved:**        **Yes**

Description:            During this course, students will learn all aspects of video production: storyboarding script-writing, filming, directing, capturing and editing. Students will also have the opportunity to learn special effects and audio/visual production. This class produces the BBN (Baron Broadcast News), a bi-monthly video news magazine that is broadcast to the entire school. As a news program, students will also learn how to create journalistic stories through interviews and news writing. This course offers a hands-on learning environment that encourages students to be proactive, collaborative, and responsible. This class meets the UC arts requirement and is a college prep course, so writing ability is a must.

**47S**                    **AP DRAWING**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **Art 1 or instructor review. Grade of "C" or above in Art 2 or Department Coordinator approval.**  
**UC Approved:**        **Yes**

Description:            AP classes meet the requirements of the College Board exam process. Students may enroll in any one of the three above named classes. Students MUST display knowledge of the principles and elements associated in the Arts. AP Studio Art is for individuals serious in the Arts. Individuals taking one of the three AP classes will finish a Portfolio for submission to the College Board. Students need not be an art major to take these AP courses however for the Art major these classes are a must.

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**48I**                      **AP 3-D ART AND DESIGN**  
**Credit:**              **10 Credits          Year**  
**Open to**              **Grade 10-12**  
**Prerequisite:**      **Ceramics 1 and instructor recommendation.**  
**UC Approved:**      **Yes**

Description:        AP classes meet the requirements of the College Board exam process. Students may enroll in any one of the three above named classes. Students MUST display knowledge of the principles and elements associated in the Arts. AP Studio Art is for individuals serious in the Arts. Individuals taking one of the three AP classes will finish a Portfolio for submission to the College Board. Students need not be an art major to take these AP courses however for the Art major these classes are a must.

**48G**                      **AP 2-D ART AND DESIGN**  
**Credit:**              **10 Credits          Year**  
**Open to**              **Grade 10-12**  
**Prerequisite:**      **Art 1 or instructor review. Grade of "C" or above in Art 2 or Department Coordinator approval.**  
**UC Approved:**      **Yes**

Description:        The AP-2D Design Class at FVHS focuses on advancing in Photography & Design. This course is a capstone to the CTE Digital Media Arts Pathway and an Advanced Placement class with the college board. If you love creating photographic imagery and the editing process this class is for you. This is a next level course that focuses on the creation of a professional portfolio. Students will refine skills and develop individually in a chosen theme and style. Instruction includes advanced techniques in lighting, lenses, Adobe editing software. In preparation for the AP portfolio, instruction will also focus on elements and principles of design through art history, art criticism and applied projects. Students are encouraged to experiment with materials mixing in traditional photography, photograms, text, image layering and photo-composites. The culmination of the course is a publish-ready portfolio of individual student work.

**49A**                      **CERAMICS 1**  
**Credit:**              **10 Credits          Year**  
**Open to**              **Grade 9-12**  
**Prerequisite:**      **None**  
**UC Approved:**      **Yes**

Description:        Ceramics is designed to introduce students to clay and its properties. Students will explore the basic pottery techniques: Coil, pinch, and slab methods of hand building, glaze application, and surface decoration. Students may also have the opportunity to experience "throwing" on the potter's wheel. Meets UC/CSU Visual and Performing Arts Requirement

**49B**                      **CERAMICS 2**  
**Credit:**              **10 Credits          Year**  
**Open to**              **Grade 10-12**  
**Prerequisite:**      **Pass ceramics 1 with a "C" or above. Must have Teacher recommendation.**  
**UC Approved:**      **Yes**

**49C**                      **CERAMICS 3**  
**Credit:**              **10 Credits          Year**  
**Open to**              **Grade 11-12**  
**Prerequisite:**      **Pass ceramics 2 with a "C" or above. Must have Teacher recommendation.**  
**UC Approved:**      **Yes**

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**49D CERAMICS 4**  
**Credit:** 10 Credits Year  
**Open to** Grade 11-12  
**Prerequisite:** Pass ceramics 3 with a "C" or above. Must have Teacher recommendation.  
**UC Approved:** Yes

## Design, Visual and Media Arts CTE Pathway

The Design, Visual and Media Arts Career Technical Education pathway is for students interested in digital media arts. The first course, Digital Photography & Design I, focuses on photography and design via hands-on, creative project-based experience with the DSLR camera and industry standard Adobe software such as Photoshop, Lightroom and InDesign. Second-level courses offer students the opportunity to refine creative skills and focus on a chosen emphasis while creating a professional portfolio.

**56B DIGITAL PHOTO AND DESIGN I**  
**Credit:** 10 Credits Year  
**Open to** Grade 9-12  
**Prerequisite:** None  
**UC Approved:** Yes

Description: If you enjoy digital media, storytelling, design, photography, and other forms of communication this could be a great fit for you. Photography and visual design is an integral part of the global economy from journalism to commerce to fine art. Students will learn 21st Century imagery skills through the application of manual exposure, image editing, and composition. Students will learn to use technical knowledge and to apply the principles of design to develop skills in various forms of photography: conceptual, documentary, studio, and commercial photography. Students will experiment with creative editing, digital manipulation, and digital design. Hands-on experiences will include DSLR camera, studio lighting, Adobe Photoshop, and Adobe Lightroom. Culmination of the 2 year pathway will be a portfolio of work, logo and branding. Students will create a website, blog or Instagram feed that they have the option to publish.

**51P HONORS GRAPHIC ARTS**  
**Credit:** 10 Credits Year  
**Open to** Grade 10-12  
**Prerequisite:** Digital Photo and Design 1  
**UC Approved:** Yes

Description: The Design, Visual and Media Arts CTE pathway is for students interested in digital media arts. The first year course, Digital Photography and Design I, focuses on photography and design via hands-on, creative project-based experience with the DSLR camera and industry standard Adobe software such as Photoshop, Lightroom, and InDesign. The second year course is weighted and offers students the opportunity to refine creative skills and focus on a chosen emphasis while creating a professional-level portfolio.

**90M1 Graphic Design**  
**Credit:** 10 Credits Year  
**Open to** Grade 10-12  
**Prerequisite:** None  
**UC Approved:** Yes

Description: Students will explore the skills and professional methods used by graphic designers. In this hands on course students will use industry software to create digital graphics: vector graphic illustration to solve visual arts problems by implementing expressive aspects of line, shape, value and form; raster graphic image editing to manipulate and apply artistic effects to digital photographs and art. Students will gain the principles of design, elements of art, concepts, vocabulary, and technical skills which the creative industry often requires of entry-level candidates.



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<b>61Y</b>	<b>YEARBOOK</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to</b>	<b>Grade 9-12</b>
<b>Prerequisite:</b>	<b>Must have Teacher recommendation.</b>
<b>UC Approved:</b>	<b>No</b>

Description:      Editing, Design, Management.

## Artistic Literacy Cord Application

The goal of the Visual and Performing Arts Pathway is to honor and recognize high achieving students in the arts that demonstrate artistic literacy, creativity, and innovative skills. Students who complete the VPA pathway will acquire the necessary skills needed to be successful in any job market. Submit the completed application to a school counselor/guidance specialist. The Artistic Literacy Cord will be awarded to any HBUHSD students that meet the following criteria:

### Artistic Literacy Requirements:

- Student must attend one of the HBUHSD High Schools
- Student must have an overall GPA of 2.0 or higher
- Student must have a GPA of 3.0 or higher in all arts courses
- Show completion of 2-3 years of arts education
- Show at least 1 advanced level of coursework including Honors, AP, CTE, Dual Enrollment or equivalent
- Participate in or display of artworks through performance or exhibit. Including but not limited to Creative Visions Art Show/Performances/Concerts

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# Performing Arts—

## UC/CSU “F” Requirement

### Instrumental Music

<b>44C</b>	<b>MUSIC THEORY</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to</b>	<b>Grade 9-12</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>Yes</b>

Description: Students in music theory are introduced to the structural aspects of music including notation, music reading and basic composition. Students can use this course to prepare for the AP Music Theory Course.

<b>43U</b>	<b>AP MUSIC THEORY</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to</b>	<b>Grade 10-12</b>
<b>Prerequisite:</b>	<b>Experience reading music. Placement Test. Teacher approval</b>
<b>UC Approved:</b>	<b>Yes</b>

Description: This course satisfies The College Board’s requirement for Music Theory. Students study advanced musicianship, theory, musical materials, and procedures. Students should have a strong musical background or should have completed music theory before enrolling.

<b>44D</b>	<b>INSTRUMENTAL 1 (String Orchestra, Band/Winds, Percussion)</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to</b>	<b>Grade 9-12</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>Yes</b>

Description: This class is for all incoming instrumental 9th graders. It teaches basics and rudiments of their instrument. This class meets during the school day and is concurrent with the fall Marching Band Class. Contact the Band Director for summer camp information.

<b>44E</b>	<b>INSTRUMENTAL 2 (String Orchestra, Band/Winds, Percussion)</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to</b>	<b>Grade 10-12</b>
<b>Prerequisite:</b>	<b>Teacher approval</b>
<b>UC Approved:</b>	<b>Yes</b>

Description: Students in this class are in the 10th through 12th grades that have some previous training on an instrument. This class meets during the school day and is concurrent with the fall Marching Band Class. Honors credit is available by audition. Contact the Band Director for summer camp information.

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**43C**                      **ADVANCED MUSIC HONORS (String Orchestra, Band/Winds, Percussion)**  
**Credit:**                **10 Credits            Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **Audition and Teacher Approval**  
**UC Approved:**       **Yes**

Description:                Students in this class are in the 10th through 12th graders that have at least 3 years of previous training on an instrument. Honors credit is earned in taking this class. This class meets during the school day and is concurrent with the fall Marching Band Class. Contact the Band Director for summer camp information.

**44L**                      **MARCHING BAND (PE)**  
**Credit:**                **5 Credits            Fall semester only**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Must be concurrently enrolled in Instrumental I, Instrumental II, Advanced Music or Flag**  
**UC Approved:**       **No**

Description:                The Marching Band at FVHS is one of the largest and most successful organizations on campus. The Band performs at all football home games, competitions, and takes trips. This class meets after school during the fall semester only. Contact the Band Director for summer camp information.

**44N**                      **JAZZ BAND**  
                              **Band/Winds, Percussion**  
**Credit:**                **5 Credits            Spring semester only**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Audition and Teacher approval**  
**UC Approved:**       **Yes**

Description:                Students in this class are in the 9th through 12th graders that have some previous training on an instrument. The jazz band performs at various school related functions. This class meets after school during the spring semester only, although rehearsals may be held year round.

**46R**                      **FLAG ENSEMBLE**  
                              **Band/Winds, Percussion**  
**Credit:**                **10 Credits**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Teacher approval**  
**UC Approved:**       **Yes**

Description:                Students in this class are in the 9th through 12th graders that enjoy dancing and performing. The Flag Ensemble performs at various school related functions including pep rallies, and color guard competitions. Student's earns PE credit in the fall semester only. This class meets year round during the school day and is concurrent with the fall Marching Band Class.

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## Vocal Music

### **47B1** **VOCAL PRODUCTION** (beginning level, mixed, performing ensemble)

**Trouveres and Baron Choir**

**Credit:** 5/10 Credits Semester/Year

**Open to** Grade 9-12

**Prerequisite:** Open Enrollment

**UC Approved:** Yes

Description: Emphasis for this course is on developing proper singing skills through vocal exercises and choral literature including, but not limited to, standard choral repertoire, novelty songs, various solo selections and popular music. Class is typically divided into Trouveres (soprano - high voice and alto - low voice) and Baron Choir (tenor - high voice and bass - low voice). All students enrolled in Vocal Production will learn basic music theory, notation, ear training, sight-singing and piano skills. Public performances (approximately 4 per year) and concert attire are required for participation in Vocal Production ensembles.

A variety of field trip and additional tour, festival, and competition performance opportunities are available, at students' option. Financial contributions are strongly encouraged to support associated activities with membership in the Vocal Music Program. Choir classes rely on financial contributions from students to cover the costs of formal attire, field trips, and performance in organized fundraising activities is expected.

### **43A** **CHORUS I**

**Les Chanteurs** (intermediate level, mixed, performing ensemble)

**Credit:** 5/10 Credits Semester/Year

**Open to** Grade 9-12

**Prerequisite:** Open Enrollment

**UC Approved:** Yes

Description: Emphasis for this course is on developing proper singing skills through vocal exercises and choral literature including, but not limited to, standard choral repertoire, novelty songs, various solo selections and popular music. Les Chanteurs is by a short audition and meeting with the Vocal Music Director. The course is designed to be a continuation of skills learned from Vocal Production, but not quite to the level for CHORUS II. Additional study will be given to developing listening and analysis skills, as well as more progressed music theory knowledge and vocal techniques. Public performances (approximately 4 per year) and concert attire are required for participation in Vocal Production ensembles.

A variety of field trip and additional tour, festival, and competition performance opportunities are available, at students' option. Financial contributions are strongly encouraged to support associated activities with membership in the Vocal Music Program. Choir classes rely on financial contributions from students to cover the costs of formal attire, field trips, and performance in organized fundraising activities is expected.

### **43B** **CHORUS II**

**Concert Choir** (advanced, mixed, performing ensemble)

**Credit:** 10 Credits Year

**Open to** Grade 10-12

**Prerequisite:** Audition and teacher recommendation. Auditions are held in mid-May and membership for the consequent school year will be determined, and closed, at that time.

**UC Approved:** Yes

The Concert Choir is a large, mixed ensemble of an advanced musical level. Students enrolled are typically upperclassmen, with prior experience in music reading and singing. The course is designed to be college entry, due to the discipline of advanced music theory, listening and analysis skills, music notation and dictation and advanced vocal techniques.

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## 43C ADVANCED MUSIC HONORS

**Troubadours** (most advanced level, mixed, performing ensemble)

**Credit:** 10 Credits Year

**Open to** Grade 10-12

**Prerequisite:** Audition and teacher recommendation. Auditions are held in mid-May and membership for the consequent school year will be determined, and closed, at that time. Weighted academic credit is given to all enrolled students in Troubadours. Concurrent membership in Concert Choir (43B) is required.

**UC Approved:** Yes

The Troubadours are a small, mixed chamber ensemble of the highest level of choral singing. Most of the students in this choir have significant music reading ability and strong vocal talent and experience. This course is designed to be college entry, due to the rigors of the literature, instructional pace, and research. Members are primarily upperclassmen and maintain high leadership expectations in all areas of the Vocal Music Program.

Students enrolled in both 43B and 43C mixed-ensemble courses will focus on advanced level vocal and choral techniques, including a wide variety of repertoire from early Renaissance, Baroque, Classical, Romantic and Contemporary eras. Advanced study of music theory, sight-singing and aural skills will be given daily attention.

A variety of field trip and additional tours (local and abroad), festivals, and competition performance opportunities are available, at students' option. Financial contributions are strongly encouraged to support associated activities with membership in the Vocal Music Program. Choir classes rely on financial contributions from students to cover the costs of formal attire, field trips, and performance in organized fundraising activities is expected.

## 44T Music Appreciation

**Modern Vocal Production** (non-performing class, all grades, mixed)

**Prerequisite:** Open enrollment.

**Credit:** 5/10 Credits Semester/Year

**Open to** Grade 9-12

**Prerequisite:** Open Enrollment

**UC Approved:** Yes

Description: All students will achieve a deeper music appreciation through studying modern vocal production and exploring the use of more contemporary vocal styles – such as hip hop, R&B, classic rock, soul, musical theater, jazz, pop, electronic music, etc. Some study will also be given to learning basic guitar and piano skills, songwriting and arranging, harmonization and other industry areas, such as tech, audio mixing, vocal percussion/beat-boxing and production. This is a very collaborative class focusing on more individual and group projects. It is not a performance-based class, but some showcase-style performance opportunities may be available in conjunction with the other Vocal Music Program ensembles

## Theatre

### 45L THEATRICAL PRODUCTION/DESIGN

**Credit:** 10 Credits Year

**Open to** Grade 10-12

**Prerequisite:** Teacher Approval

**UC Approved:** Yes

Description: This course is designed for students interested in the Technical aspects of production such as costumes, directing, stage management, publicity and other technical theatrical aspects of production. Students will be a part of a full length theatrical production learning skills necessary for entry-level jobs in the theatrical production industry. Students may enter the class after an audition with the teacher. Auditions will be held each semester. Hours after school; evening, and/or weekends are REQUIRED for rehearsals, construction and show productions.

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**450                      DRAMATIC PRODUCTION****Credit:                10 Credits            Year****Open to:              Grade 9-12****Prerequisite:        Teacher Approval****UC Approved:       Yes**

Description:            This course is designed for students interested in all aspects of production, such as acting, costumes, directing, stage management, publicity and other technical theater. Students will be a part of a full length theatrical production learning skills necessary for entry-level jobs in the theatrical production industry. Students may enter the class after an audition with the teacher. Auditions will be held each semester. Hours after school; evening, and/or weekends are REQUIRED for rehearsals, construction and show productions.

**46A                      THEATER 1****Credit:                10 Credits            Year****Open to                Grade 9-12****Prerequisite:        None****UC Approved:       Yes**

Description:            The course is designed to introduce the art of the actor through performance. Students will have a beginning understanding of the history of drama and the dramatic profession through lectures, readings, written assignments, creativity and acting.

**46B/C                   THEATRE 2/3****Credit:                10 Credits            Year****Open to                Grade 10-12****Prerequisite:        Theater 1 or teacher approval through audition process****UC Approved:       Yes**

Description:            This course is designed to expand on the intermediate actor's knowledge of the art of acting and theater. Through the exploration of various techniques each student will discover what is encompassed in the artistic perception, creative expression, historical context, aesthetic value, and profession of drama.

## Dance

**45V                      PHYSICAL EDUCATION: DANCE ENSEMBLE PE****Credit:                10 Credits            Year****Open to                Grade 9-12****Prerequisite:        No dance experience required.****UC Approved:       Yes**

Description:            This is a beginning/intermediate class that gives students a general overview of learning many different styles of dance and focuses on building flexibility, stamina, and muscle tone. Along with learning the various dance genres, history and culture of these styles will also be studied. The areas of study in this class are jazz, lyrical, ballet, hip-hop, musical theater/Broadway and choreography. The choreography unit is done in second semester and gives students a chance to create their own piece of work. Along with our areas of study, we will be incorporating yoga, conditioning, flexibility/stretch, Zumba and weight/cardio rooms.

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**45X**                      **DANCE ENSEMBLE TEAM**  
**Credit:**                **10 Credits        Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Previous dance experience required- team placement is determined at auditions in May. Teacher Approval.**  
**UC Approved:**       **Yes**

Description:        Dance Ensemble Team is a year-round performing arts program. Students receive 1 semester of PE credit and 1 semester of elective credit. The team practices after school hours 2-4 days per week, including during the summer. All dancers will practice dance technique and conditioning throughout the year and perform at all school assemblies and a few athletic events. Dancers that are placed on a competition team will prepare year-round for the competition season January through March. Styles of dance include Jazz, lyrical and Hip Hop. Dancers will be chosen by the coaches for the styles of dance in which they get to compete based on ability.

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# Consumer & Family Studies— UC/CSU “F/G” Requirement

**55S**                      **LIFE MANAGEMENT**  
**Credit:**                **5/10 Credits      Semester/Year**  
**Open to**                **Grade 11, 12**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes – G Requirement**

Description:                This course is about the day to day business of living as a young adult. Students will explore time management, setting goals and making plans to achieve those goals, and how to manage the daily stress of life in and after high school. Topics include personal finance, tax preparation, career guidance, basic food preparation, finding housing, relationships, and more.

**55U**                      **FASHION DESIGN**  
**Credit:**                **10 Credits          Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Prior enrollment in Fiber Arts and Design**  
**UC Approved:**       **Yes –F Requirement**  
**Pathway Course:** **Yes**

Description:                Fashion Design is a year-long course that focuses on the multi-faceted world of fashion. In addition to exploring the variety of careers in the Fashion industry, the class will include current topics such as fashion trends and forecasting, Fashion Illustration and Concept Development, an intro into Color Theory, The Elements & Principles of Design, Textiles & Fabrics, Fashion History and Merchandise and Marketing. A unit on basic Clothing Construction is also included. This is a project-driven course where students have the opportunity to be creative, conduct research and create presentations. Guest speakers from industry and field trips are included.

**56I**                      **FIBER ARTS/DESIGN**  
**Credit:**                **10 Credits          Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes –F requirement**  
**Pathway Course:** **Yes**

Description:                In this course you will study the world of Fashion from an artistic perspective. Study includes the foundations of a variety of textiles, learn how these fabrics are created from fiber to finished product. In addition, basic sewing, Color Theory and Elements & Principles of Design as well as cultural and historical influences on design are studied. Creative projects will include textile printing and painting, knitting, weaving, and experimentation in recycling materials into garments. This is a project driven class. Guest speakers and field trips help to make real-world connections.



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**55P**                      **CULINARY ARTS I**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **Foods 1**  
**UC Approved:**       **Yes –G requirement**  
**Pathway Course:** **Yes**

Description:            Introduction to basic culinary concepts and skills including: food safety & sanitation, measurements, baking skills, quick breads & yeast breads. The semester also includes table setting and etiquette, and the basics of meal planning. Nutrition, food science, food culture and history are included. Students learn through hands-on labs, projects and guest speakers. This semester's culminating event is the annual Chili Cook-Off, which allows students to demonstrate their skills learned during this semester.

**55R**                      **ADVANCED CULINARY ARTS & MANAGEMENT**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **Satisfactory grade in Culinary Arts 1**  
**UC Approved:**       **Yes –G requirement**  
**Pathway Course:** **Yes**

Description:            This class allows students to enhance and expand their culinary skills beyond the basic level of learning. Students will learn the ingredients of culinary success and master the art of worldwide cuisine. Topics include advanced knife skills, baking and pastry, meat and seafood, menu development, culinary trends, menu analysis, culinary math and costing, and food presentation.

**55C**                      **DEVELOPMENTAL PSYCHOLOGY OF CHILDREN**  
**Credit:**                **10 Credits**            **Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **No**  
**UC Approved:**       **Yes –G Requirement**

Description:            Introduces child development and psychology from pregnancy and prenatal stage through late childhood years. Explores personality, guidance/motivation, brain research on learning, childhood trauma, special needs children, and influences such as social, cultural, educational and family practices. Includes field-site experiences with children ages 2-5 in local schools. Provides practical, professional, and personal perspectives on meeting the needs of children. UC Elective.

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# Business & Technology— UC/CSU “C/G” Requirement

<b>53A</b>	<b>ECONOMICS</b>
<b>Credit:</b>	<b>5 Credits      Semester</b>
<b>Open to</b>	<b>Grade 12</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>Yes - G Requirement</b>

Description      This one semester class is designed to provide students with an overview of general economic theories and principles in order to prepare students to make economic decisions on their own related to life after high school graduation. The study of economics addresses basic economic problems, the nature of economic systems, the making of economic decisions in a market society, economic growth, economic fluctuations, national income and distribution. The nature of consumer decision making, money and sources, consumer buying, and the rights and responsibilities of consumers, producers and citizens are also examined. This course is a requirement to graduate. UC Elective.

<b>53C</b>	<b>AP ECONOMICS</b>
<b>Credit:</b>	<b>5 Credits      Semester</b>
<b>Open to</b>	<b>Grade 12</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>Yes - G Requirement</b>

Description:      This one semester class is designed to provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination, and also develops students’ familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course is intended to prepare students to take the Advanced Placement exam in Macroeconomics and is also a requirement to graduate. UC Elective.

<b>50G1</b>	<b>BUSINESS ENTREPRENEURSHIP</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to</b>	<b>Grade 9-11</b>
<b>Prerequisite:</b>	<b>None</b>
<b>UC Approved:</b>	<b>Yes - G Requirement</b>
<b>CTE Pathway:</b>	<b>Yes - Entrepreneurship Pathway [Course 1]</b>

Description:      Whether students are thinking about entrepreneurship or working for a company, students will learn about the classic functions of a business, as well as key topics and areas that are here to stay such as having a growth mentality, resilience, positive language, corporate social responsibility, sustainability and setting up a digital presence. Each student will learn skills in entrepreneurship, innovation and design using modern digital communication platforms. They will also gain knowledge of brand consistency that will be seen through their logo, marketing material, website and communication plan. Students will clearly articulate the requirements and expectations of various opportunities in the workforce.

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**56L1                      HONORS BUSINESS ENTREPRENEURSHIP**  
**Credit:                10 Credits        Year**  
**Open to                Grade 10-12**  
**Prerequisite:        Business Entrepreneurship**  
**UC Approved:        Yes - G Requirement**  
**CTE Pathway:        Yes - Entrepreneurship Pathway [Course 2]**

Description:        A high school Honors Entrepreneurship course provides students with an in-depth exploration of business creation and management principles, focusing on developing a comprehensive business plan, market research, product development, marketing strategies, financial planning, and effective pitch presentations, all while applying critical thinking and real-world problem-solving skills to launch a potential business venture, designed for students interested in pursuing entrepreneurial endeavors at an accelerated pace; this course often includes hands-on projects, guest speakers from the business community, and opportunities for student-led business ventures. This course is the capstone course for students in the Entrepreneurship CTE Pathway. Students earn Honors credit for this course by completing projects for real clients and building a professional level online portfolio.

**51C                      CRIMINAL LAW**  
**Credit:                10 Credits        Year**  
**Open to                Grade 10-11**  
**Prerequisite:        None**  
**UC Approved:        No**  
**CTE Pathway:        Yes - Legal Practices Pathway [Course 1]**

Description:        This elective course covers the fascinating issues of criminal law and procedure. It will include the following criminal law topics: an introduction to the legal system of the United States, introduction to criminal law, study of the criminal mind, an in depth study of felony and misdemeanor crimes (against the person, property, and the public), inchoate offenses, and defenses to crimes. It will also include the following aspects of criminal procedure: participants in the courtroom, searches, seizures, and arrests, interrogation and other law enforcement practices, and the process of taking a case to trial. We will take a trip to the Orange County Courthouse and the Los Angeles Police Museum, to observe many of the topics covered in class.

**51B                      BUSINESS LAW**  
**Credit:                10 Credits        Year**  
**Open to                Grade 11-12**  
**Prerequisite:        None**  
**UC Approved:        No**  
**CTE Pathway:        Yes - Legal Practices Pathway [Course 2]**

Description:        This is a necessary course for anyone interested in any type of business as a career, or for students interested to know how the law affects their personal lives. Topics covered include: negligence, torts, strict liability, contract law, product liability/consumer protection, warranties, renting a place to live, buying a car, investing, insurance, marriage and divorce. Special emphasis is placed on connections to “real life” situations. Discussion, case studies, and activity based learning are integral parts of the course. We will take a trip to the Orange County Courthouse and the Los Angeles Police Museum, to observe many of the topics covered in class.

**500                      EXPLORING COMPUTER SCIENCE (ECS)**  
**Credit:                10 Credits        Year**  
**Open to                Grade 9-11**  
**Prerequisite:        None**  
**UC Approved:        Yes - G Requirement**  
**CTE Pathway:        Yes - Software & Systems Development Pathway [Course 1]**

Description:        Design, implement, and interpret computer-based solutions to diverse problems. Develop skills in designing and writing simple computer programs. Explore topics in computing systems, net- works and internet, data and analysis, algorithms and programming, and impacts of computing. Gain technical expertise using computational tools.

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**53K**                      **AP COMPUTER SCIENCE PRINCIPLES**  
**Credit:**                **10 Credits            Year**  
**Open to:**              **Grade 9-11**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes**  
**CTE Pathway:**       **Yes - Software & Systems Development Pathway [Course 1]**

Description:            AP Computer Science Principles introduces students to the central ideas of computing, where they develop the computational thinking vital for success across multiple disciplines, without focusing on one specific programming language. Students will be using computational tools to analyze large data sets, and will visualize and draw conclusions from trends. Students are encouraged to explore questions that interest them, to work individually and collaboratively to solve problems, and to apply creative processes when developing computational artifacts. They will also enhance communication skills by discussing the importance and impact of these problems to their community, society, and the world. AP Computer Science Principles meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.

**53H**                      **AP COMPUTER SCIENCE A**  
**Credit:**                **10 Credits            Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **Completion of Algebra II or above or teacher recommendation. Grades 10-11 must also have completed ECS or AP Computer Science Principles.**  
**UC Approved:**       **Yes - C Requirement**  
**CTE Pathway:**       **Yes - Software & Systems Development Pathway [Course 2]**

Description:            This course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development and is meant to be the equivalent of a first-semester college-level course in Computer Science. This course is designed to serve as a first course in computer science for students with no prior computing experience. It also includes the study of data structures, design, and abstraction and emphasizes the Java programming language. This course will prepare students to take the AP Computer Science A exam. This is the capstone course of the Software Development Pathway.

**55Z1**                    **HONORS ROBOTICS 1**  
**Credit:**                **10 Credits            Year**  
**Open to Grade**       **9-11**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes - G Requirement**  
**CTE Pathway :**       **Yes - Software & Systems Development Pathway [Course 1]**

Description:            The Honors Robotics 1 course is a concentrator course in the Robotics Engineering pathway of courses. This is a lab-based course that uses a hands-on approach to introduce advanced concepts of Robotics infused with STEM. Areas of focus will be on construction and programming of autonomous mobile Robots, machining of student-designed Robotics parts, acclimation with different tools and machines used in industry. Students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robot contest. We will be using Robotics kits such as Lego Mindstorms; Studica, Vex; RobotC; Rev Robotics; Raspberry Pi; Mega Bots; FIRST Robotics Competition; FIRST Tech Challenge; etc. The goal of Honors Robotics 1 is to gain a deeper understanding of programmable devices and creating Robotics parts through machining. The topics covered in this course include: FIRST Robotics Competition/FIRST Technology Challenge/World Skills USA; Basic Components of a Robot; Process of Design; Introduction to Computer-Aided Design (CAD); 3D printing, introduction into Computer Numerically Controlled (CNC) machining, Technical Report Writing; Document Analysis and Presentation; Safety Training; Employment Portfolio; Engineering Challenge Analysis; Robot Construction; Robotic Systems and Programming; Careers in Robotics, and Pathways to Industrial Certifications.

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**55Y1                      HONORS ROBOTICS 2 (ADVANCED)**  
**Credit:**                **10 Credits            Year**  
**Open to Grade**       **10-12**  
**Prerequisite:**        **Robotics 1 (Beginner/Intermediate) and/or Teacher Recommendation**  
**UC Approved:**       **Yes - G Requirement**  
**CTE Pathway :**       **Yes - Software & Systems Development Pathway [Course 2]**

Description:        The Robotics 2 course is the capstone course in the Robotics sequence of courses. Students will continue to explore the interaction of science and technology and learn how more advanced concepts are applied in engineering, control systems and automation. Students will use inquiry, research, and design methods to solve problems and construct robotics devices using industry-standard systems software and technology. Students will engage in course work to gain industry level experience and the opportunity to participate in Robotics Competitions to solve real world problems. Additionally, students will learn how to write session briefs and reports that appropriately integrate industry specific technical language. Through participation in certification related course work, students will have the opportunity to gain industry certification for access to entry level positions in robotics.

**53O1                      AP CYBER: NETWORKING**  
**Credit:**                **10 Credits            Year**  
**Open to**                **Grade 9-11**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes - G Requirement**  
**CTE Pathway:**       **Yes - Networking Pathway [Course 1]**

Description:        This is a full-year high school course that covers the fundamentals of networking. It is equivalent to a college-level Introduction to Networking course. The course interweaves essential networking concepts with relevant, hands-on problem-solving activities to maximize students' understanding of network hardware and configuration, the use of protocols to enable reliable and accurate transmission of data between different hosts around the world, and relevant security practices that secure the transmission of data both within and between computer networks.

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# Physical Education

**97A**                      **PHYSICAL EDUCATION: PE 1**  
**Credit:**                **10 Credits (2.5 per quarter)    Year**  
**Open to**                **Grade 9**  
**Prerequisite:**        **None**  
**UC Approved:**       **No**

Description:        The purpose of this course is to introduce and develop basic skills and increase knowledge of health related aspects of physical fitness. Students will develop physical and health-related fitness skills through participation in team sports and fitness activities. Students will prepare for the California Physical Fitness Test. Instruction will include the five components of physical fitness; cardiovascular exercise, body composition, muscular strength, muscular endurance, and flexibility. Student who successfully meet requirements earn 2.5 credits per quarter.

**97B**                      **PHYSICAL EDUCATION: PE 2**  
**Credit:**                **10 Credits (2.5 per quarter)    Year**  
**Open to**                **Grade 10-12**  
**Prerequisite:**        **PE 1**  
**UC Approved:**       **No**

Description:        PE 2: This course provides each student with the opportunity to participate in a comprehensive program consisting of skill development, games, team sports, individual sports, and physical fitness activities. Students will receive instruction in rules, skills, and strategies associated with the different sports. There will be a continued emphasis on physical fitness to improve health and performance. Students who successfully meet requirements earn 2.5 credits per quarter.

**97T**                      **PHYSICAL EDUCATION: DANCE 1**  
**Credit:**                **10 Credits (2.5 per quarter)    Year**  
**Open to**                **Grade 9-12**  
**Prerequisite:**        **Teacher approval**  
**UC Approved:**       **No**

Description:        Students may take during their scheduled day which is a beginning/intermediate class that gives students a general overview of learning many different styles of dance and focuses on building flexibility, stamina, and muscle tone. Along with learning the various dance genres, history and culture of these styles will also be studied. The areas of study in this class are jazz, lyrical, ballet, hip-hop, musical theater/Broadway and choreography. The choreography unit is done in second semester and gives students a chance to create their own piece of work. Along with our areas of study, we will be incorporating yoga, conditioning, flexibility/stretch, Zumba and weight/cardio rooms.

**97M**                      **PHYSICAL EDUCATION: WEIGHT TRAINING**  
**Credit:**                **5/10 Credits (2.5 per quarter)    Year**  
**Open to**                **Grade 11-12**  
**Prerequisite:**        **None**  
**UC Approved:**       **No**

Description:        This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

## **PHYSICAL FITNESS TESTING    9th Grade Only**

Students are tested in the following five areas on the PFT:

- 1). Aerobic Capacity, 2). Abdominal Strength, 3). Trunk Extension, 4). Upper Body Strength,
- 5). Flexibility (includes both the left and right side)

# Athletics

**ACADEMIC** - All athletes must maintain a 2.0 GPA each semester. If the athlete does not meet this requirement, he/she will be on probation for 1 semester. If at that time he/she still has below a 2.0 GPA, he/she will be academically ineligible until he/she receives a 2.0 GPA. In addition, all athletes must also meet the CIF requirements of passing at least four classes.

**ATHLETIC TEAMS** (Enrollment subject to Coach's approval).

FALL SPORTS	WINTER SPORTS	SPRING SPORTS
96Q- Cross Country-Boys	96C- Basketball-Boys	96P- Baseball
99K- Cross Country-Girls	99C- Basketball-Girls	96O- Swim/Diving-Boys
96T- Varsity Football-Boys	96I- Soccer-Boys	99L- Swim Diving-Girls
96U- Sophomore Football-Boys	99M- Soccer-Girls	99I- Softball
99F- Tennis-Girls	96K- Wrestling	96E- Track-Boys
99G- Volleyball-Girls	99N- Water Polo-Girls	99E- Track-Girls
96G- Water Polo-Boys	46O- Cheer	96F- Tennis-Boys
99J- Field Hockey-Girls	000-Wrestling-Girls	96J- Volleyball Boys
96S- Surfing – Coed		96R- Golf Boys
99D- Golf-Girls		46O- Cheer
46O- Cheer		
000- Flag Football-Girls		

Additional information about athletics can be found at <https://www.fvathletics.com>.

## Non-Departmental

<b>91G</b>	<b>PRINCIPLES OF LEADERSHIP (ASB, Senate)</b>
<b>Credit:</b>	<b>10 Credits      Year</b>
<b>Open to Grade</b>	<b>10-12</b>
<b>Prerequisite:</b>	<b>Election or appointment to Student Body Office and approval of Assistant Principal</b>
<b>UC Approved:</b>	<b>Yes</b>

There are two different Principles of Leadership courses at FVHS, as follows:

**ASB Description:** This course promotes leadership skills, mentorship, and provides opportunities for students to build positive school culture by representing the voices of the Baron student body. The FVHS Associated Student Body (ASB) is responsible for building campus culture, pride, and spirit through various campus events. Additionally, ASB facilitates campus clubs and helps maintain campus funding. ASB students act as campus leaders both in and outside of classes and participate in the Leadership class with a goal of gaining experience and enhancing leadership skills. Together with the other various leadership groups across campus, FVHS ASB aims to spread positive school culture and Baron pride across campus.

**Senate Description:** This course focuses on community-based leadership and community service so as to bring awareness to the FVHS campus. Members will be taught various aspects of school leadership and how to implement their skills into improving our school and local community. The FVHS Senate is responsible for working directly with our local community to bridge community members to events on our campus. Senate aims to encourage all FVHS students, staff, and community members to engage, volunteer, and give back to our community and campus by focusing on service opportunities and outreach on behalf of the Baron community. Senate members are engaged and involved in leadership on this campus by helping ASB and within our local community through outreach opportunities.

<b>91H</b>	<b>MINDSET FOR SUCCESS</b>
<b>Credit:</b>	<b>10 Credits      Year</b>

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**Open to Grade** 9-12  
**Prerequisite:** NONE  
**UC Approved:** Yes (G elective)

**Description:** Mindset is an elective course suitable for all grades, particularly students who may benefit from practices in stress management supporting their mental, social, emotional health, and well being. Students taking Mindset will learn to identify the causes of their stress and how chronic stress impacts the healthful homeostatic functioning of the body leading to disease (*"dis - ease"*). Students will learn strategies and gain knowledge of a multitude of various tools for managing their own stress and the strong emotions that often couple academic, athletic, and teen life. The various practices students will participate in include: mindfulness based stress reduction practices, meditation, yoga, social emotional learning activities (*"I am Me"* Curriculum), and mindfulness through art. This class affords time and space during a student's day to incorporate practicing these strategies inviting a sense of inner peace, resilience, and acceptance that students will take with them throughout their academic day and beyond. The goal is for students to be able to leave class with a clear mind; open and receptive to learning and able to steadily *"ride the waves"* of teen life. After completing the course, students will have life - long tools to use to manage their stressors leading to overall health and well being (living in *"ease"*).

**82C** **Medical Careers & Health Systems**  
**Credit:** 10 Credits Year  
**Open to Grade** 9-12  
**Prerequisite:** None  
**UC Approved:** Yes (G Elective)

**Description:** Learn the basic principles of medical science, terminology, and vocabulary needed to work in the healthcare field. This course focuses on the ethical and legal responsibilities of the health care worker, safety, medical terminology, human anatomy and physiology, body systems and mechanics, standard precautions, and health & fitness. Explore career opportunities in therapeutic, diagnostic, and supportive areas. Gain practical hands-on experience in vital signs, emergency medical care, and first aid. This course is a great foundation for all other courses offered in the Health Science and Medical Technology industry sector.

**92A** **AVID I**  
**Credit:** 10 Credits Year  
**Open to Grade** 9  
**Prerequisite:** Application Process  
**UC Approved:** Yes (G Elective)

**Description:** Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase awareness of their personal contributions to their learning, as well as their involvements in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test-taking, note-taking, and research techniques.

**92B** **AVID 2**  
**Credit:** 10 Credits Year  
**Open to Grade** 10  
**Prerequisite:** Application Process  
**UC Approved:** Yes (G Elective)

**Description:** During the 10th grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and school/community involvement, they will refine their time-management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis, and detailed reflections. Students will also analyze various documents in order to participate in collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to



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prepare for college entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest based on their personal interests and goals.

**92C**                      **AVID 3**  
**Credit:**                **10 Credits**                **Year**  
**Open to Grade**       **11**  
**Prerequisite:**        **Application Process**  
**UC Approved:**       **Yes (G Elective)**

**Description:**                The 11th grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students when they apply to four-year universities and confirm their postsecondary plans.

**92C**                      **AVID 4**  
**Credit:**                **10 Credits**                **Year**  
**Open to Grade**       **11**  
**Prerequisite:**        **Application Process**  
**UC Approved:**       **Yes (G Elective)**

**Description:**                The 12th grade AVID Elective Course is the second part of the seminar course that focuses on writing and critical thinking skills. Students will apply for FAFSA and complete their college applications. Students will continue to learn skills such as finances and living away from home to prepare them for their postsecondary path.

**5521**                    **Honors Robotics 1**  
**Credit:**                **10 Credits**                **Year**  
**Open to Grade**       **9-11**  
**Prerequisite:**        **None**  
**UC Approved:**       **Yes**  
**CTE Pathway :**       **Yes**

**Description:**                *The Honors Robotics 1 course is a concentrator course in the Robotics Engineering pathway of courses. This is a lab-based course that uses a hands-on approach to introduce advanced concepts of Robotics infused with STEM. Areas of focus will be on construction and programming of autonomous mobile Robots, machining of student-designed Robotics parts, acclimation with different tools and machines used in industry. Students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robot contest. We will be using Robotics kits such as Lego Mindstorms; Studica, Vex; RobotC; Rev Robotics; Raspberry Pi; Mega Bots; FIRST Robotics Competition; FIRST Tech Challenge; etc. The goal of Honors Robotics 1 is to gain a deeper understanding of programmable devices and creating Robotics parts through machining. The topics covered in this course include: FIRST Robotics Competition/FIRST Technology Challenge/World Skills USA; Basic Components of a Robot; Process of Design; Introduction to Computer-Aided Design (CAD); **3D printing**, introduction into **Computer Numerically Controlled (CNC)** machining, Technical Report Writing; Document Analysis and Presentation; Safety Training; Employment Portfolio; Engineering Challenge Analysis; Robot Construction; Robotic Systems and Programming; Careers in Robotics, and Pathways to Industrial Certifications. This course meets the UC “g” requirements.*

**TBD**                      **Robotics 2 (Advanced)\***  
**Credit:**                **10 Credits**                **Year**  
**Open to Grade**       **10-12**  
**Prerequisite:**        **Robotics 1 (Beginner/Intermediate) and/or Teacher Recommendation**  
**UC Approved:**       **Yes**

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**CTE Pathway :    Yes**

Description:        The Robotics 2 course is the capstone course in the Robotics sequence of courses. Students will continue to explore the interaction of science and technology and learn how more advanced concepts are applied in engineering, control systems and automation. Students will use inquiry, research, and design methods to solve problems and construct robotics devices using industry-standard systems software and technology. Students will engage in course work to gain industry level experience and the opportunity to participate in Robotics Competitions to solve real world problems. Additionally, students will learn how to write session briefs and reports that appropriately integrate industry specific technical language. Through participation in certification related course work, students will have the opportunity to gain industry certification for access to entry level positions in robotics. This course meets the UC “g” requirements.

\*Pending HBUHSD & UC/CSU Course Approval

## Campus Aide

This class enables a student to gain practical clerical experience through activities considered to be of educational value. Students gain knowledge of classroom and school responsibilities, while performing a service to the school.

\*Expectations for ALL student aides include abiding by the contract. Failure to adhere will result in being dropped from the aide class.

<b>91P</b>	<b>Peer Tutor</b>
<b>Credit:</b>	<b>5/10                      Semester/Year</b>
<b>Open to</b>	<b>Grade 10-12</b>
<b>Prerequisite:</b>	<b>Teacher recommendation. Student has completed the course in which they plan to act as a tutor. Good attendance/discipline record.</b>
<b>UC Approved:</b>	<b>No</b> Receive letter grade 5 Credits per semester Complete aide request form and contract Minimum G.P.A. = 2.5 overall Monitor by teacher
<b>57K</b>	<b>Lab Specialist</b>
<b>Credit:</b>	<b>5/10                      Semester/Year</b>
<b>Open to</b>	<b>Grade 10-12</b>
<b>Prerequisite:</b>	<b>Teacher recommendation. Student has completed the course in which they plan to act as a tutor. Good attendance/discipline record. Applicable for Science, PE, Consumer, Art, Business, and Music</b>
<b>UC Approved:</b>	<b>No</b> Receive letter grade 5 Credits per semester Complete aide request form and contract Minimum G.P.A. = 2.5 overall Monitor by teacher
<b>88A</b>	<b>Teacher Aide</b>
<b>Credit:</b>	<b>5/10 (2.5 per quarter)                      Semester/Year</b>
<b>Open to</b>	<b>Grade 10-12</b>
<b>Prerequisite:</b>	<b>Teacher recommendation.</b>
<b>UC Approved:</b>	<b>No</b>

---

Pass/Fail  
2.5 Credits per quarter  
No Minimum G.P.A.  
Complete aide request form and contract  
Monitor by teacher

**88B**

**Office Aide**

**Credit:**

**5/10 (2.5 per quarter)**

**Semester/Year**

**Open to**

**Grade 10-12**

**Prerequisite:**

**Teacher recommendation.**

**UC Approved:**

**No**

Pass/Fail

2.5 Credits per quarter • No Minimum G.P.A. Complete aide request form and contract Monitor by teacher

# CTE Pathways

## FVHS PATHWAYS

\*CTE PATHWAY



**CULINARY ARTS\***



**DIGITAL MEDIA\***



**FASHION\***



**ENTREPRENEURSHIP\***



**LEGAL PRACTICES\***



**SOFTWARE & SYSTEMS\***



**HONORS ROBOTICS & ENGINEERING\***



**CYBERSECURITY\***



**EMERGENCY RESPONSE\***



**NURSING**

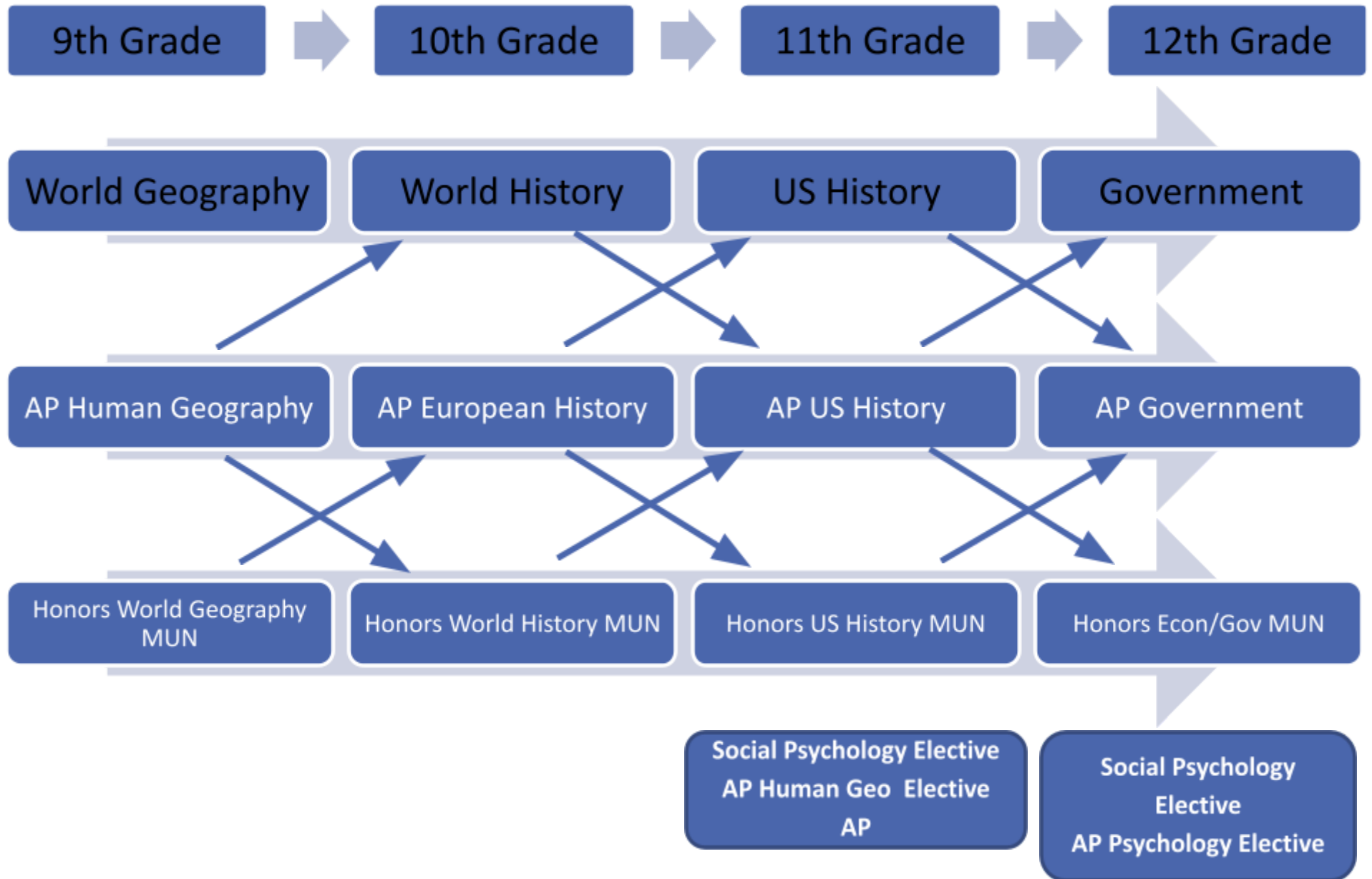


**HEALTH CAREERS**

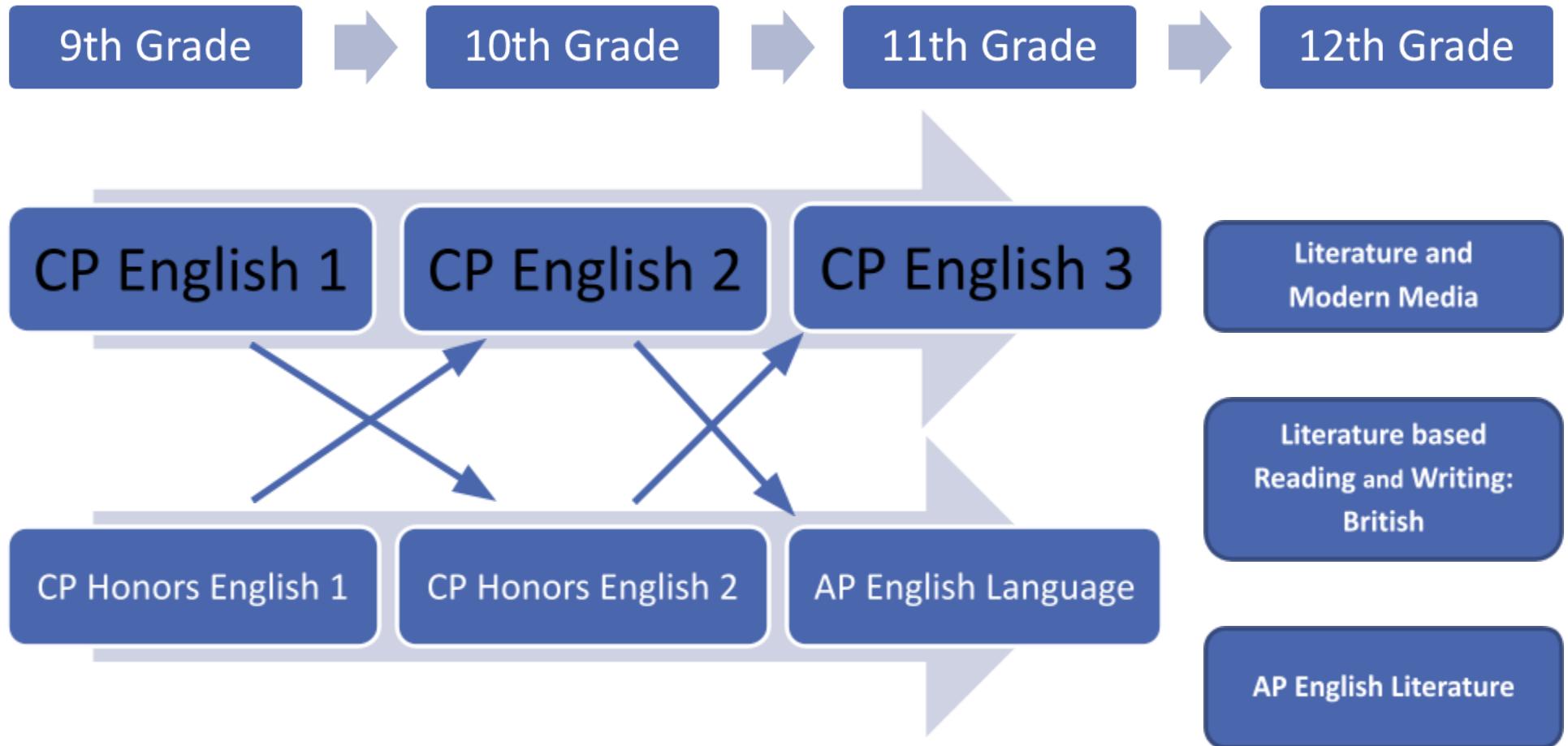


**PSYCHOLOGY**

## Social Studies Flow Chart

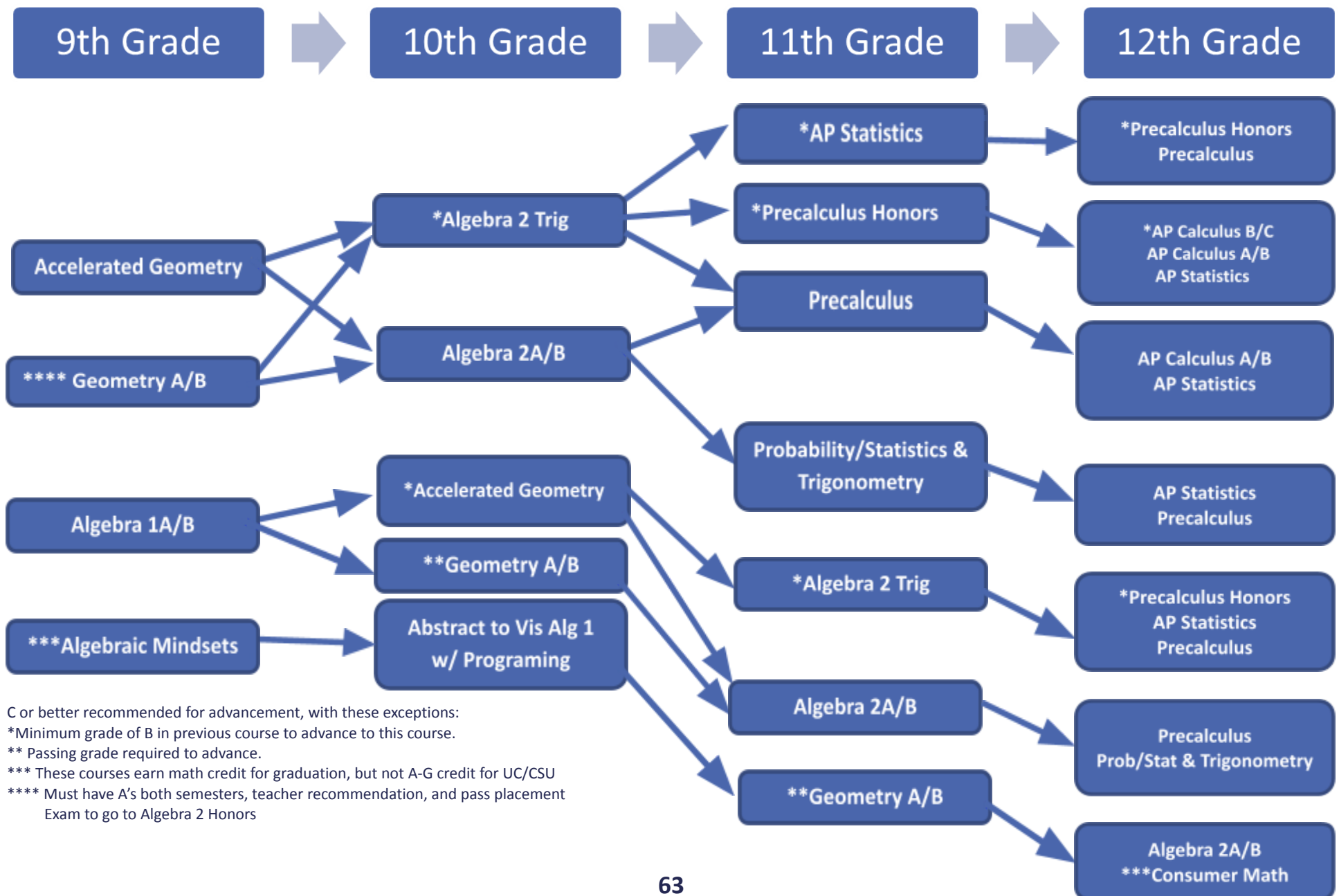


## Language Arts Flow Chart

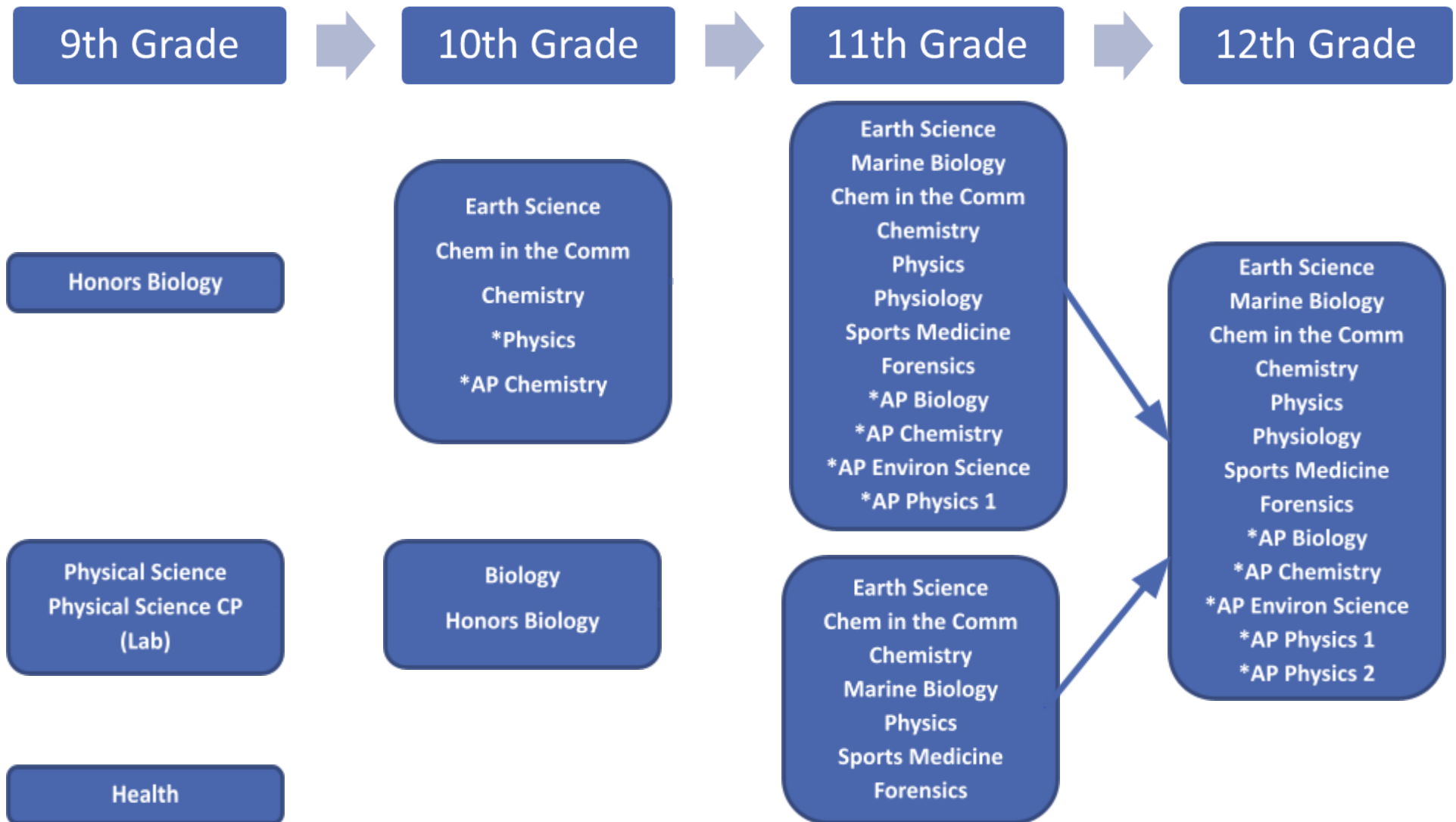


Honors/AP students who do not earn a grade of B or higher will be enrolled in CP English.  
Summer reading/assignment for Honors/AP courses.

## Mathematics Flow Chart



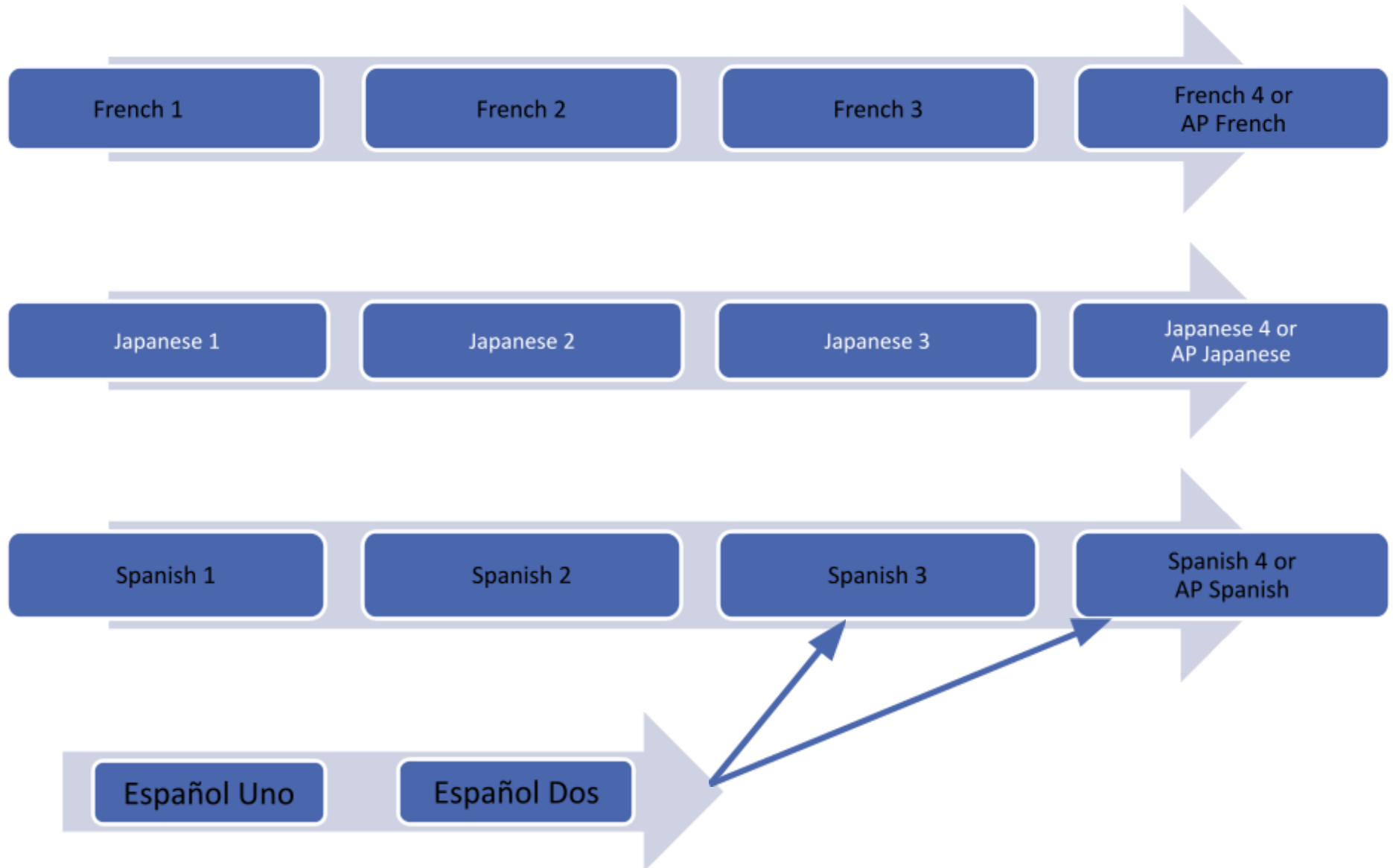
## Science Flowchart



\*Please see course descriptions for recommended prerequisite skills

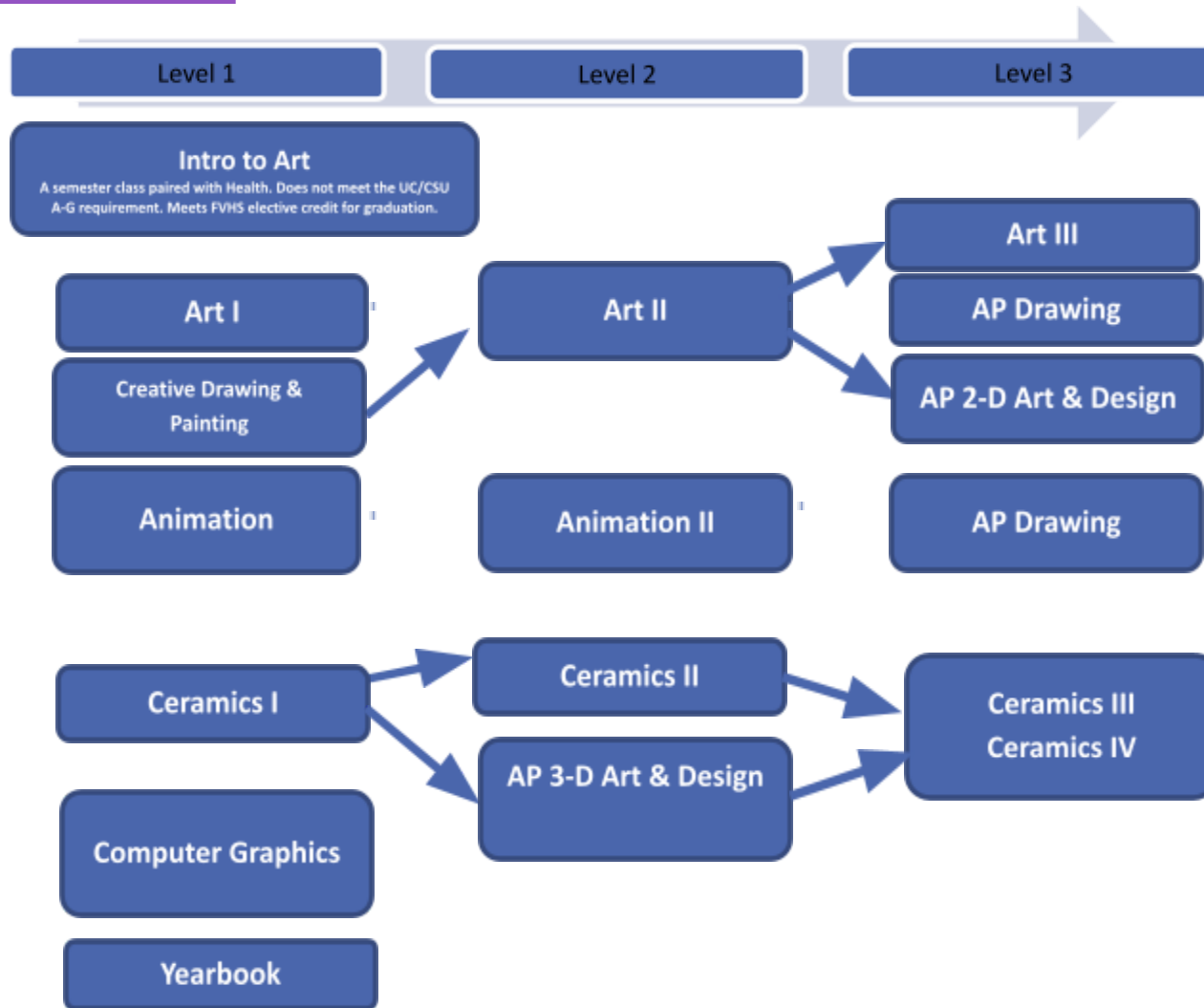


## World Languages Flow Chart



Students should read at grade level or higher to take world languages. Students who take Spanish 1 in middle school need a teacher recommendation to advance to Spanish 2, or score a B or better on the second semester Spanish 1 final.

## Visual Arts Flow Chart



**CTE Pathway: Design,  
Visual & Media Arts**

**First Year**

Digital Photo  
& Design I

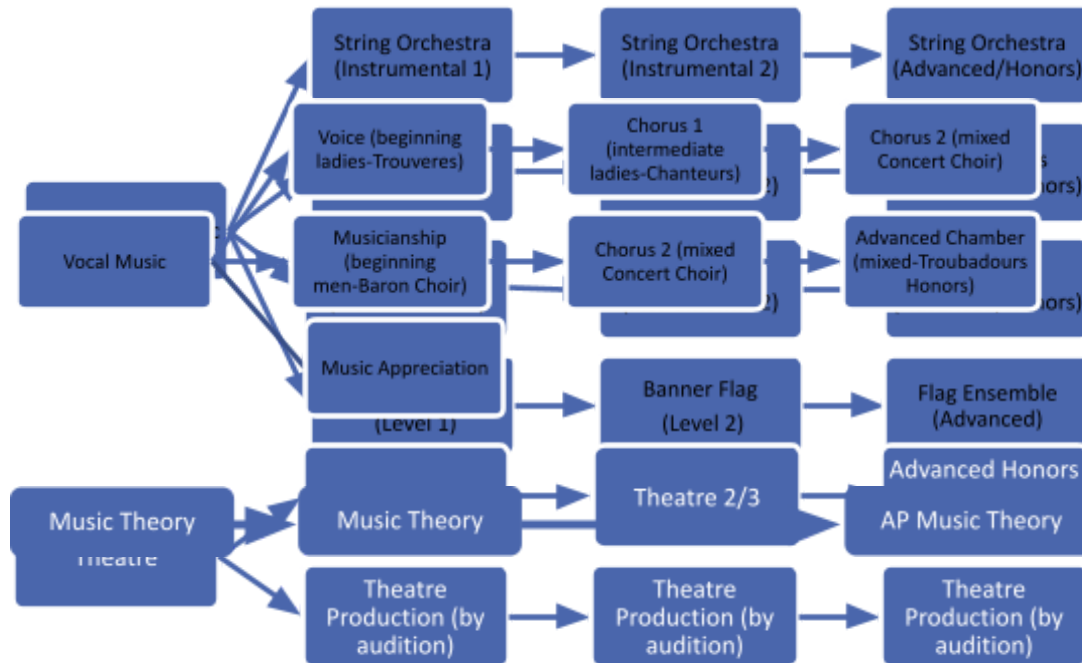
**Second Year**

Honors  
Graphic Arts

Students who successfully complete the two-year pathway will receive a CTE stamp on their transcript, a CTE graduation cord and a STAR certificate

All students are welcome in any course provided they meet the prerequisite. Students may bypass a level through instructor evaluation And recommendation (portfolio review). AP is recommended to be approved by instructor.

## Performing Arts Flow Chart



### SAMPLE CAREER OPPORTUNITIES

#### CAREERS IN MUSIC (Instrumental and Vocal)

##### Writing and Production

Arranger, producer, orchestrator, composer, film scorer/composer, jingle writer, songwriter, transcriber, copyist, conductor.

##### Music Business Management

Advertising executive, booking agent, business manager, field merchandiser, music publisher, personal manager, professional manager.

##### Film Scoring

Film composer, music editor, music supervisor/director, film arranger/adaptor, film conductor, film music orchestrator, synthesis specialist, theme specialist.

##### Electronic Production and Design

MIDI technician, programmer, performing synthesist, music sequencer, sound designer.

##### Music Performance

Vocal/instrumental soloist, session musician, general business musician, performing artist, orchestra/group member, background vocalist.

##### Songwriting/Composition

Composer, jingle writer, lyricist, producer/songwriter, singer/performing songwriter, staff or freelance songwriter.

#### CAREERS IN THEATRE

Director-works to put all theatrical aspects together in order to put on a successful play.

Producer- works closely with the director to develop ideas on how to make the production successful.

Actor- uses physical and emotional characteristics to identify a character whom they are portraying.

Set Designer- uses props and creates backgrounds to bring scenes to life.

Costume Designer- creates and designs appropriate ensembles for each character of a cast.

Make-Up Artist- enhances the physical appearance of a character by applying different types of make-up.

Sound Technician- uses his or her knowledge of sound to make a production audible.

Lighting Technician- assists in all the lighting that goes on during the play; helps to create a specific mood and setting for each scene.

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## Business Department Course Sequence

COURSES CAN BE TAKEN STAND ALONE, OR AS A PATHWAY COURSE OF STUDY.

### Entrepreneurship Pathway

Business Entrepreneurship

Honors Business  
Entrepreneurship

### Software Development Pathway

Exploring Computer Science

AP Computer Science Principles

AP Computer Science A

### Legal Practices Pathway

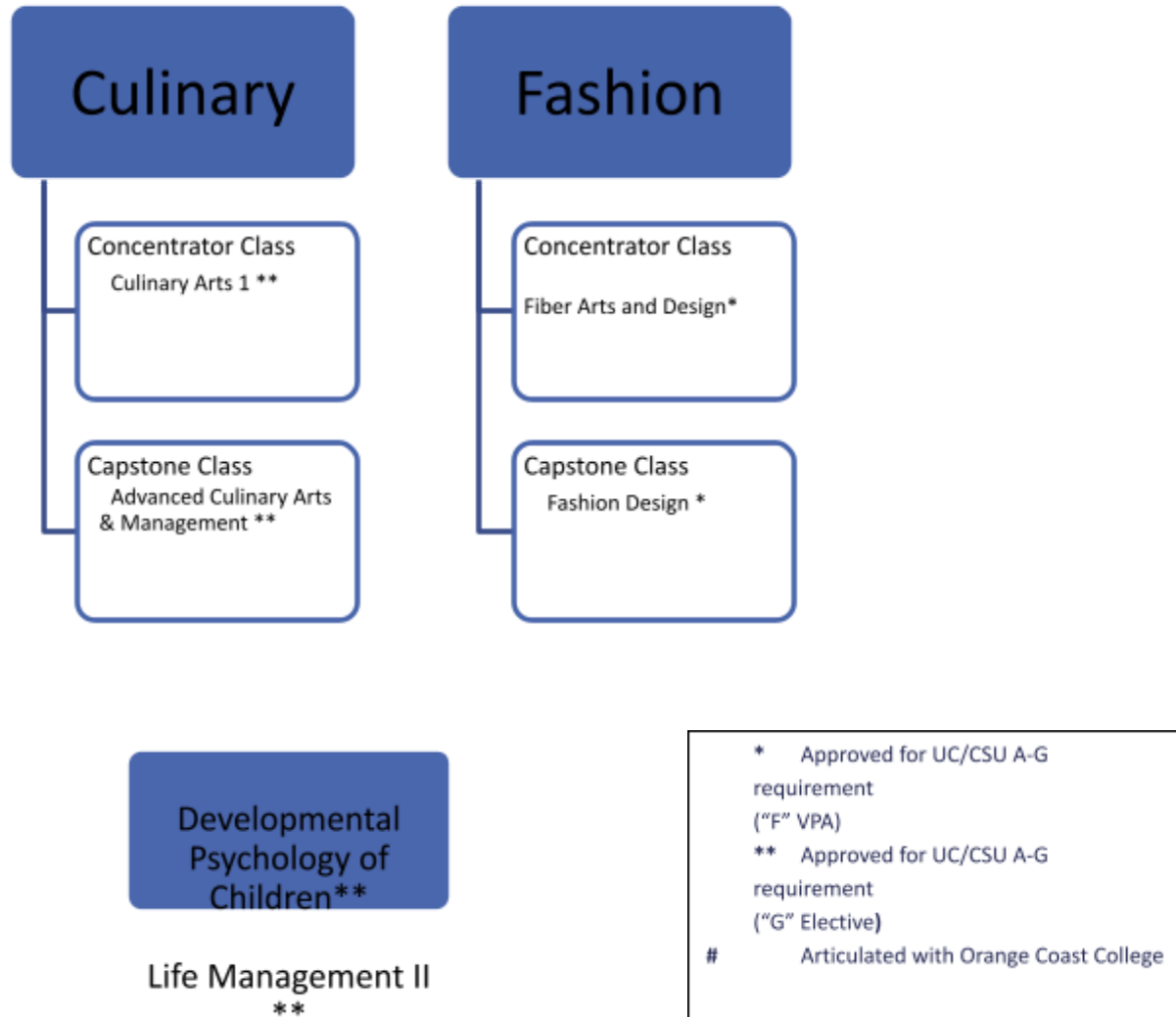
Criminal Law

Business Law



# Consumer & Family Studies Career Pathways

SEQUENCING OF THE CONSUMER AND FAMILY STUDIES CAREER PATHWAYS



## SAMPLE CAREER OPPORTUNITIES

Restaurant Supervision  
Food Science Technician  
Community Nutrition Assistant  
Chef  
Catering  
Hotel Management  
Sales, Marketing & Event Specialist  
Fashion Designer  
Fashion Illustrator  
Image/Fashion Consultant  
Assistant Costumer Designer  
Stylist  
Preschool Teacher  
Preschool Administrator  
Elementary Teacher  
Educational Psychologist  
Marriage, Family, Child Counselor  
Resource Management  
Consumer Affairs / Communication  
Private, Government, Non-Profit  
Organizations  
Consumer Services

## ADVANCED EDUCATION

Certificate Programs at  
Orange Coast College  
Cypress College  
Four Year College or University  
CSULB / Cal Poly Pomona  
Private Post-Secondary Programs /  
Training  
Culinary Academies

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# For Additional Assistance

The HBUHSD “Planning Guide for Parents and Students” will be distributed to students each school year. It contains information regarding weighted courses, graduation requirements, academic scholar programs, educational plans, career preparation, college preparation, high school opportunities, scholarships and financial aid.

Please contact your Guidance Specialist for additional information.

<b>PRINCIPAL</b>	<b>Mr. Paul Lopez</b>	<b>ext. 54401</b>	<b>plopez@hbuhsd.edu</b>
<b>Assistant Principal, Activities</b>	<b>Mr. Hayato Yuuki</b>	<b>54408</b>	<b>hyuuki@hbuhsd.edu</b>
<b>Assistant Principal, Supervision</b>	<b>Mr. Elliot Skolnick</b>	<b>54406</b>	<b>eskolnick@hbuhsd.edu</b>
<b>Assistant Principal, Curriculum</b>		<b>54403</b>	
<b>Assistant Principal, Guidance</b>	<b>Mr Casey Harelson</b>	<b>54404</b>	<b>charelson@hbuhsd.edu</b>
<b>Athletic Director</b>	<b>Roger Holmes</b>	<b>54285</b>	<b>rholmes@hbuhsd.edu</b>
<b>Guidance Specialist</b>	<b>Clint Walters</b>	<b>54423</b>	<b>cwalter@hbuhsd.edu</b>
<b>Guidance Specialist</b>	<b>Lindsey Gonzalez</b>	<b>54422</b>	<b>lgonzalez@hbuhsd.edu</b>
<b>Guidance Specialist</b>	<b>Lana Nguyen</b>	<b>54421</b>	<b>lananguyen@hbuhsd.edu</b>
<b>Guidance Specialist</b>	<b>Laura Huynh</b>	<b>54424</b>	<b>lmhuynh@hbuhsd.edu</b>
<b>Guidance Specialist</b>	<b>Phuong Pham-Le</b>	<b>54425</b>	<b>pphamle@hbuhsd.edu</b>
<b>High School Counselor</b>	<b>Marilyn Wong</b>	<b>54470</b>	<b>mwong@hbuhsd.edu</b>
<b>Career/College Specialist</b>	<b>Chanelle Perez</b>	<b>54435</b>	<b>cperez@hbuhsd.edu</b>
<b>Registrar</b>	<b>Michaela Wakeman</b>	<b>54431</b>	<b>mwakeman@hbuhsd.edu</b>