Dear Parents of FVHS Barons:

This guide is a brief introduction to the guidance services available at Fountain Valley High School. It is designed to assist you in making appropriate class selections with your student. Included in this guide are graduation requirements, college admission requirements, an outline of placement criteria, a brief description of courses, and sample education plans.

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

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

- **Develop an Education Plan**
  - Consider your Career Goals.
  - Explore elective choices.
  - Complete a 4-year plan.
  - Fill out the scheduling worksheet.
  - Sign-up for classes on Aeries.

- **Gather Information**
  - Listen to the Guidance Program & Guidance/College/Career Presentations.
  - Attend Parent/Student Info Nights.
  - Do Parent/Student Research at home.

- **Obtain Guidance**
  - Check your Graduation Requirements.
  - Learn about the A—G requirements.
  - Discuss Teacher Recommendations.
  - Review Course Placement Criteria.
  - Research Your Career Goals.

- **Take Annual Assessments**
  - 9th Grade—Career interest Inventory
  - 10th Grade—Academic Inventory
  - 11th Grade—Collegeboard PSAT
  - 12th Grade—College and Career Day

**A Diploma and a Plan:**
- Four-year College
- Gap Year
- Military
- Trade/Technical School
- Two-year College
- World of Work

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&CSA A-G Requirements

## High School Graduation Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>History</td>
<td>30</td>
</tr>
<tr>
<td>English</td>
<td>40</td>
</tr>
<tr>
<td>Mathematics</td>
<td>30</td>
</tr>
<tr>
<td>Science</td>
<td>20</td>
</tr>
<tr>
<td>Visual/Performing Arts or World Language</td>
<td>10</td>
</tr>
<tr>
<td>Additional Electives</td>
<td>65</td>
</tr>
<tr>
<td>Physical Education</td>
<td>20</td>
</tr>
<tr>
<td>Health</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>220</strong></td>
</tr>
</tbody>
</table>

## UC/CSU A-G Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. History</td>
<td>2 years required; 3 recommended</td>
</tr>
<tr>
<td>B. English</td>
<td>4 years required</td>
</tr>
<tr>
<td>C. Mathematics</td>
<td>3 years required; 4 recommended (Algebra 2 or above)</td>
</tr>
<tr>
<td>D. Science (must be lab science)</td>
<td>2 years required; 3 recommended</td>
</tr>
<tr>
<td>E. Language Other Than English</td>
<td>2 years of same language required; 3 recommended</td>
</tr>
<tr>
<td>F. Visual and Performing Arts</td>
<td>1 year required</td>
</tr>
<tr>
<td>G. College Preparatory Elective</td>
<td>1 year required</td>
</tr>
<tr>
<td>SAT/ACT Testing</td>
<td></td>
</tr>
<tr>
<td>Extracurricular Activities &amp; Essay</td>
<td>(UC and private schools only)</td>
</tr>
</tbody>
</table>

### Are You On Target to Graduate?

<table>
<thead>
<tr>
<th>Grade</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>60</td>
</tr>
<tr>
<td>10th</td>
<td>120</td>
</tr>
<tr>
<td>11th</td>
<td>170</td>
</tr>
<tr>
<td>12th</td>
<td>220 credits and Graduate!</td>
</tr>
</tbody>
</table>

### All A – G Courses Must Be Completed With a Grade of C or Above For Acceptance To A 4-Year College.

- 7th and 8th 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 VPM course will also meet the one year CSU/UC admission requirement and earn transferable degree credit. Community college credit must be transferable 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 [here](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. In addition, commencing with the Class of 2013, the HBUHSD replaced the Valedictorian and Salutatorian recognitions with Summa Cum Laude. 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 will determine recognition regalia that coincide with awards and graduation ceremonies.

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) 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.

<table>
<thead>
<tr>
<th>NCAA GPA</th>
<th>ACT (Sum of Scores)</th>
<th>SAT (Total V + M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.55 and above</td>
<td>37</td>
<td>400</td>
</tr>
<tr>
<td>3.50</td>
<td>39</td>
<td>420</td>
</tr>
<tr>
<td>3.00</td>
<td>52</td>
<td>620</td>
</tr>
<tr>
<td>2.50</td>
<td>68</td>
<td>820</td>
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<tr>
<td>2.40</td>
<td>71</td>
<td>860</td>
</tr>
<tr>
<td>2.20</td>
<td>79</td>
<td>940</td>
</tr>
<tr>
<td>2.00</td>
<td>86</td>
<td>1020</td>
</tr>
</tbody>
</table>

Consider:
- 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.
### Questions to Ask When Choosing Electives

#### 2. Where Do I Plan To Go After High School?

<table>
<thead>
<tr>
<th>Two-year college</th>
<th>Four-year college</th>
<th>Trade/Technical programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Military</td>
<td>World of Work</td>
<td>Gap Year</td>
</tr>
</tbody>
</table>

#### 3. Which Of The 15 California Job Areas Interest Me?

- Agriculture & Natural Resources
- Arts, Media, & Entertainment
- Building, Trades & Construction
- Education, Child Dev, Family Services
- Energy & Utilities
- Engineering & Design
- Fashion & Interior Design
- Finance & Business
- Health Science & Medical Tech
- Hospitality, Tourism, & Recreation
- Information Technology
- Manufacture & Product Dev
- Marketing, Sales, & Service
- Public Services
- Transportation

#### 4. Which Of The FVHS Elective Options Match My Interests?

- **Arts & Communication**
  - Animation
  - AP Art History
  - Art
  - Band/Orchestra
  - Ceramics
  - Choir
  - Intro to Art
  - Intro to Design Elem
  - Music Theory
  - Offsite ROP Course
  - Photography
  - Studio Art, AP, 2D, 3D
  - Theater
  - Video/Web/Yearbook
  - Publishing
  - World Geography
  - World Geography Hon
  - World Language

- **Business & Marketing**
  - AP Computer Science
  - AP Comp Sci Principles
  - Business Law
  - Criminal Law
  - Intro to Computer Programming
  - Intro to Art
  - Intro to Design Elem
  - Offsite ROP Course
  - Sports & Entertainment Marketing
  - Virtual Enterprise
  - Virtual Enterprise ROP
  - Web Design
  - World Language

- **Consumer & Human Services**
  - Adv. Culinary & Mgmt
  - Adv. Environmental Design
  - Environmental Design
  - Fashion Design
  - Fiber Arts
  - Culinary Art
  - Intro to Art
  - Intro to Design Elem
  - Life Management II
  - Offsite ROP Course
  - Psychology, AP
  - Psychology, Child Dev
  - Psychology, Social
  - World Language

- **Health Sciences**
  - Accelerated Biology
  - AP Biology
  - AP Chemistry
  - AP Environmental Science
  - Athletics
  - Biology
  - Chemistry
  - Chemistry in the Comm
  - Intro to Art
  - Intro to Design Elem
  - Offsite ROP Course
  - Physical Education
  - Physiology
  - ROP Pharm Tech
  - ROP Sports Medicine
  - Weight Training
  - World Geography
  - World Language

- **Science, Technology, Engineering, & Math**
  - AP Computer Science
  - AP Environmental Science
  - Biology, Chemistry, Physics, AP
  - Chemistry/Chem Comm
  - Dig Video/Web Prod
  - Intro to Art or Design Elem
  - Intro to Computer Prog
  - Virtual Enterprise
  - Multimedia Design
  - Offsite ROP Course
  - Photography
  - Physiology
  - Precalculus/Precal Honors AP Calculus/Any Math
  - ROP Computer Graphics
  - Visual Imagery
  - Web Design
## Sample Education Plans
### Arts & Communication

People who enter the Arts and Communication Pathway enjoy creative, musical, or artistic activities, performing detailed work accurately, working with other people, solving problems using technology, and expressing ideas visually, in writing, photography, or by performing.

**Characteristics of people working in this career field include:**
- Creative
- Self Confident
- Musical
- Artistic
- Precise
- Poised
- Talented
- Imaginative

### Sample Career Options
- Desktop Publisher
- Culinary
- Architect
- Artist
- Illustrator
- Cosmetologist
- Photographer
- Interior Designer
- Writer
- Musician
- Singer
- Dancer
- TV/Movie Director
- Reporter
- Columnist
- Editor

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>English</td>
<td>Animation, Art, Ceramics, Photography</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Choir, Band, Music Theory, Theater</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Video/Web/Yearbook Publishing</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
<td>Intro to Design Elements</td>
</tr>
<tr>
<td></td>
<td>Health/One Semester Elective</td>
<td>Virtual Enterprise I</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>World Geography, World Geography H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>World Language</td>
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<thead>
<tr>
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<th>Graduation Requirements</th>
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<tbody>
<tr>
<td></td>
<td>English</td>
<td>Animation, Art, Ceramics, Photography</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Choir, Band, Music Theory, Theater</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Video/Web/Yearbook Publishing</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
<td>World Language</td>
</tr>
<tr>
<td></td>
<td>World History</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td></td>
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</table>

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<tr>
<th>Grade 11</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>English</td>
<td>Animation, Art, Ceramics, Photography</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>AP Studio Art, 2D, 3D</td>
</tr>
<tr>
<td></td>
<td>U.S. History</td>
<td>AP Art History</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Choir, Band, Music Theory, Theater</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Offsite ROP Course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Video/Web/Yearbook Publishing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>World Language</td>
</tr>
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<thead>
<tr>
<th>Grade 12</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>English</td>
<td>Animation, Art, Ceramics, Photography</td>
</tr>
<tr>
<td></td>
<td>U.S. Government/Economics</td>
<td>AP Studio Art, 2D, 3D</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>AP Art History</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Choir, Band, Music Theory, Theater</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Offsite ROP Course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Video/Web/Yearbook Publishing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>World Language</td>
</tr>
</tbody>
</table>
### Business & Marketing

People who enter the Business and Marketing field enjoy working on computers, performing detailed work, communicating with others, and working with numbers. Business careers include a wide variety of fields including Accounting, Economics, Finance, Information Systems, Marketing and Management.

**Characteristics of people working this career field include:**
- Disciplined
- Hard working
- Enthusiastic
- Self Confident
- Decisive
- Organized
- Communicative
- Sense of Humor
- Personable
- Logical Problem Solver
- Competitive
- Flexible
- Cooperative
- Self Analyzing

**Sample Career Options**
- Accounting
- Banking
- Finance
- Management
- Entrepreneurship
- International Trade
- Professional Sales
- Marketing
- Agricultural Business
- Stock Broker
- E-Commerce

<table>
<thead>
<tr>
<th>Grade</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9</strong></td>
<td>English</td>
<td>Virtual Enterprise I</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Intro to Design Elements</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Intro to Art</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
<td>World Geography/World Geography H</td>
</tr>
<tr>
<td></td>
<td>Health/One Semester Elective</td>
<td>World Language</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td><strong>10</strong></td>
<td>English</td>
<td>Virtual Enterprise I</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>World Language</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
<td></td>
</tr>
<tr>
<td></td>
<td>World History</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td><strong>11</strong></td>
<td>English</td>
<td>AP Computer Science</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Criminal Law/Business Law</td>
</tr>
<tr>
<td></td>
<td>U.S. History</td>
<td>Intro to Computer Prog/Web Design</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Virtual Enterprise I</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Sports &amp; Entertainment Marketing</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>ROP Course (i.e. Banking &amp; Finance)</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Virtual Enterprise ROP</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>World Language</td>
</tr>
<tr>
<td><strong>12</strong></td>
<td>English</td>
<td>AP Computer Science</td>
</tr>
<tr>
<td></td>
<td>U.S. Government/Economics</td>
<td>Criminal Law/Business Law</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Intro to Computer Prog/Web Design</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Virtual Enterprise I</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Sports &amp; Entertainment Marketing</td>
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<tr>
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<td>Elective</td>
<td>ROP Course (i.e. Banking &amp; Finance)</td>
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<td>Elective</td>
<td>Virtual Enterprise ROP</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>World Language</td>
</tr>
</tbody>
</table>
People who enter the Consumer and Human Services field enjoy being creative, guiding others, learning, organizing tasks, being with people, working in teams, planning activities, and sharing ideas. This field includes many of the careers that are “helping professions.”

**Characteristics of people working in this career field include:**
- Empathetic
- Tolerant
- Helpful Flexible
- Practical
- Patient
- Leadership skills
- Cooperative
- Responsible
- Understanding
- Social
- Enthusiastic

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>English</td>
<td>Intro to Art</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Intro to Design Elements</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Virtual Enterprise I</td>
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<td>Physical Education</td>
<td>Environmental Design</td>
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<td></td>
<td>Health/One Semester Elective</td>
<td>Fashion Technology</td>
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<td></td>
<td>Elective</td>
<td>World Geography/World Geography H</td>
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<td>World Language</td>
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<th>Graduation Requirements</th>
<th>Elective Options</th>
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<tr>
<td></td>
<td>English</td>
<td>Environmental Design</td>
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<tr>
<td></td>
<td>Math</td>
<td>Advanced Environmental Design</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Fashion Design</td>
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<tr>
<td></td>
<td>Physical Education</td>
<td>Fiber Arts</td>
</tr>
<tr>
<td></td>
<td>World History</td>
<td>Culinary Arts 1</td>
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<tr>
<td></td>
<td>Elective</td>
<td>World Language</td>
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<table>
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<th>Elective Options</th>
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</thead>
<tbody>
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<td></td>
<td>English</td>
<td>Enviro Design, Adv Enviro Design</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Fashion Design, Fiber Arts</td>
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<td></td>
<td>U.S. History</td>
<td>Culinary Arts 1, Adv Culinary Arts &amp; Mgmt</td>
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<td></td>
<td>Elective</td>
<td>Life Management II</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Psychology, AP</td>
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<tr>
<td></td>
<td></td>
<td>Psychology, Child Development</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Psychology, Social</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROP Course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>World Language</td>
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<table>
<thead>
<tr>
<th>Grade 12</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>English</td>
<td>Enviro Design, Adv Enviro Design</td>
</tr>
<tr>
<td></td>
<td>U.S. Government/Economics</td>
<td>Fashion Design, Fiber Arts</td>
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<td></td>
<td>Elective</td>
<td>Culinary Arts 1, Adv Culinary Arts &amp; Mgmt</td>
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<td>Elective</td>
<td>Life Management II</td>
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<td>Elective</td>
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<tr>
<td></td>
<td></td>
<td>Psychology, Social</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROP Course</td>
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<td></td>
<td></td>
<td>World Language</td>
</tr>
</tbody>
</table>
People who enter the Health Sciences field enjoy making logical decisions, helping others learn new ideas and acquire knowledge, working with individual people and in groups, designing and creating medical applications, and following technical instructions.

**Characteristics of people working in this career field include:**
- Interest in Science
- Investigative
- Cooperative
- Sympathetic
- Self-Confident
- Leadership Skills
- Interest in Anatomy
- Decisive
- Logical
- Accurate and Precise
- Technical
- People Oriented

**Sample Career Options**
- Biotechnology
- Diagnostic Services
- Health Informatics
- Research
- Support Services
- Therapeutic Services
- Agriscience
- Animal Science
- Physician
- Veterinarian
- Plant and Soil Science
- Forestry & Natural Resources
- Ornamental Horticulture

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>English</td>
<td>Intro to Art</td>
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<td>Intro to Design Elements</td>
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<tr>
<td></td>
<td>Science</td>
<td>Virtual Enterprise</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
<td>World Geography/World Geography H</td>
</tr>
<tr>
<td></td>
<td>Health/One Semester Elective</td>
<td>World Language</td>
</tr>
<tr>
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<td>Elective</td>
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<td>Art</td>
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<td>Science</td>
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<td>Physical Education</td>
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<td>World History</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Elective</td>
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<th>Graduation Requirements</th>
<th>Elective Options</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>English</td>
<td>AP Biology, Accelerated Biology, Biology</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>AP Chemistry, Chemistry</td>
</tr>
<tr>
<td></td>
<td>U.S. History</td>
<td>Chemistry in the Community</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>AP Environmental Science, Physiology</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Physical Education/Athletics/PE Elective</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Offsite ROP Course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROP Sports Medicine and/or Pharm Tech</td>
</tr>
<tr>
<td></td>
<td></td>
<td>World Language</td>
</tr>
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<table>
<thead>
<tr>
<th>Grade 12</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>English</td>
<td>AP Biology, Accelerated Biology, Biology</td>
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<tr>
<td></td>
<td>U.S. Government/Economics</td>
<td>AP Chemistry, Chemistry</td>
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<td>Elective</td>
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<td>Offsite ROP Course</td>
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<td></td>
<td></td>
<td>ROP Sports Medicine and/or Pharm Tech</td>
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<tr>
<td></td>
<td></td>
<td>World Language</td>
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</tbody>
</table>
People who enter the Science, Technology, Engineering, and Math field enjoy creating, designing, planning, assembling, building, repairing, solving challenges with modern technology, have effective research skills, and can use mathematical and scientific principles in solving problems.

**Characteristics of people working in this career field include:**
- Environmental
- Realistic
- Perseverant
- Structured
- Curious
- Creative
- Independent
- Good Eye-hand Coordination
- Investigative
- Builds/Repairs
- Logical
- Perseverant
- Organized
- Creative
- Independent
- Structured
- Curious
- Investigative
- Builds/Repairs
- Logical

**Sample Career Options**
- Graphics Technology
- Machining
- Engineer
- Media Support
- Design
- Energy and Utilities
- Architect
- Computer Programming
- Mechanic
- Cabinetmaking
- Information Technology
- Construction
- Scientist

<table>
<thead>
<tr>
<th>Grade</th>
<th>Graduation Requirements</th>
<th>Elective Options</th>
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<tbody>
<tr>
<td>9</td>
<td>English</td>
<td>Intro to Art or into Design Elements</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Virtual Enterprise I</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Photography, Web Design/Publishing</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
<td>World Geography, World Geography H</td>
</tr>
<tr>
<td></td>
<td>Health/One Semester Elective</td>
<td>World Language</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Yearbook</td>
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<td>10</td>
<td>Graduation Requirements</td>
<td>Elective Options</td>
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<tr>
<td></td>
<td>English</td>
<td>Virtual Enterprise</td>
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<tr>
<td></td>
<td>Math</td>
<td>Photography</td>
</tr>
<tr>
<td></td>
<td>Science</td>
<td>Digital Video Production</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
<td>Web Design Publishing</td>
</tr>
<tr>
<td></td>
<td>World History</td>
<td>World Language</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>Yearbook</td>
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<tr>
<td>11</td>
<td>Graduation Requirements</td>
<td>Elective Options</td>
</tr>
<tr>
<td></td>
<td>English</td>
<td>Accelerated Biology, AP Biology</td>
</tr>
<tr>
<td></td>
<td>Math</td>
<td>Chemistry, Chem Comm, AP Chemistry</td>
</tr>
<tr>
<td></td>
<td>U.S. History</td>
<td>AP Environmental Science, Physiology</td>
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<td></td>
<td>Elective</td>
<td>Physics, AP Physics</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>AP Computer Sci, Computer Graphics</td>
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<tr>
<td></td>
<td></td>
<td>Intro to Computer Prog/Web Design</td>
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<td></td>
<td></td>
<td>Digital Video Prod/Web Design Publish</td>
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<tr>
<td></td>
<td></td>
<td>Multimedia Design, Visual Imagery</td>
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<tr>
<td></td>
<td></td>
<td>MS Office, Photography, Yearbook</td>
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<tr>
<td></td>
<td></td>
<td>Offsite ROP Course</td>
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<tr>
<td></td>
<td></td>
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<td>12</td>
<td>Graduation Requirements</td>
<td>Elective Options</td>
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<tr>
<td></td>
<td>English</td>
<td>Precalculus, AP Calculus, Any Math</td>
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<tr>
<td></td>
<td>U.S. Government/Economics</td>
<td>Chemistry, Chem Comm, AP Chemistry</td>
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<tr>
<td></td>
<td>Elective</td>
<td>AP Environmental Science</td>
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<tr>
<td></td>
<td>Elective</td>
<td>Physics, AP Physics, Physiology</td>
</tr>
<tr>
<td></td>
<td>Elective</td>
<td>AP Computer Science, Computer Graphics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Intro to Computer Programming/Web Design</td>
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<td>Multimedia Design, Visual Imagery</td>
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<td>Microsoft Office, Photography, Yearbook</td>
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<td>Offsite ROP Course</td>
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<tr>
<td></td>
<td></td>
<td>World Language</td>
</tr>
</tbody>
</table>
# Four Year Education Plan

**Huntington Beach Union High School District**

**Worksheet for Four Year Plan**

## Career Choices:
- [ ] Undecided
- [ ] Other: ____________

## Post High School Plans:
- [ ] UC/CSU
- [ ] NCAA
- [ ] Attending trade/business school
- [ ] Other high school or college
- [ ] Transfer program
- [ ] Military Service
- [ ] Community college or tech/vocational

## HBUHSD Graduation Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Minimum Subject Requirements</th>
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<tbody>
<tr>
<td>1. Total Credit Required: 220</td>
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</tr>
<tr>
<td>2. Required courses (min 16 credits):</td>
<td></td>
</tr>
<tr>
<td>3 yr. World History</td>
<td></td>
</tr>
<tr>
<td>3 yr. U.S. History</td>
<td></td>
</tr>
<tr>
<td>1 yr. U.S. Government</td>
<td></td>
</tr>
<tr>
<td>4 yr. English</td>
<td></td>
</tr>
<tr>
<td>2 yr. Mathematics***</td>
<td></td>
</tr>
<tr>
<td>1 yr. Advanced Math***</td>
<td></td>
</tr>
<tr>
<td>1 yr. Physical Science</td>
<td></td>
</tr>
<tr>
<td>1 yr. Life Science</td>
<td></td>
</tr>
<tr>
<td>3 yr. World Language and/or</td>
<td></td>
</tr>
<tr>
<td>VPA and/or</td>
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<tr>
<td>CTE</td>
<td></td>
</tr>
<tr>
<td>3 yr. Economics</td>
<td></td>
</tr>
<tr>
<td>Other Electives (any department)</td>
<td></td>
</tr>
<tr>
<td>2 yr. Physical Education</td>
<td></td>
</tr>
<tr>
<td>1/2 yr. Health</td>
<td></td>
</tr>
</tbody>
</table>

## California State University and University of California Minimum Subject Requirements: "a-g pattern"

- 11 of the 18 required courses must be completed before senior year begins.
- All courses must be completed with a grade of C or better each semester.

## Develop Your Personal Educational Plan

Diploma requirements are printed below as a guide.

If a requirement is not completed during the suggested grade level, be sure to include the required class in another grade level.

### Alternative Class - Entering 9th Grade

#### 9th Grade
- English
- Math
- Science
- P.E.
- Health and Elective
- World Language/Elective

#### Alternative Class - Concurrent/Summer 10th Grade

#### 10th Grade
- English
- Math
- Science
- P.E.
- World History
- World Language/Elective

#### Alternative Class - Concurrent/Summer 11th Grade

#### 11th Grade
- English
- Math
- US History
- World Language/Elective
- VPA/CTE

#### Alternative Class - Concurrent/Summer 12th Grade

#### 12th Grade
- English
- Math
- Government & Economics
- World Language/Elective
- VPA/CTE

## External Course Credit will be Granted Only with Prior Administrative Approval

Only UC approved courses may be used to fulfill these subject area requirements. Course lists are available at www.acs.uc.edu and in your high school Career Center. Meeting minimum requirements may not result in admission to some universities and college majors. Qualified students are strongly encouraged to take coursework at the Honors and/or Advanced Placement course level(s) in high school.

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**Student Services revised: 12/2012**
Fountain Valley High School

SCHEDULING WORKSHEET for 9TH GRADE

STUDENT NAME: ___________________________ FVHS STUDENT ID# __________

PARENT NAME ___________________________ PHONE # ___________________________ EMAIL ___________________________

INSTRUCTIONS:

- Consider graduation requirements and college and career goals when making your decisions.
- Your classes are determined by teacher recommendations, prior grades and test scores.
- Read your course guide for class descriptions and placement criteria.
- Your first choice in elective is not guaranteed; please be sure you indicate a second choice.
- After this worksheet is complete, follow the instructions on the back for online course selection using your Aeries account.

REQUIRED COURSES:

1. ENGLISH  (Two Semesters/Full Year)
   - [ ] (61C) CP ENGLISH 1*
   - [ ] (61G) CP ENGLISH 1 HONORS*
     (See placement criteria/Summer assignments required)
   - [ ] ENGLISH LEP (Limited English Students)
   - [ ] (54C) DEVELOPMENTAL READING  (Taken w/ CP3)

2. SCIENCE  (Two Semesters/Full Year)
   - [ ] (26A) PHYSICAL SCIENCE*
   - [ ] (26G) C.P.I.P.S.* (See placement criteria)
   - [ ] (27E) ACCEL BIOLOGY*  (See placement criteria)
   - [ ] (301) PHYSICAL SCIENCE LEP
     (Limited English Students)

3. PHYSICAL EDUCATION  (Two Semesters/Full Year)
   - [ ] (97A) PHYSICAL EDUCATION 1
   - [ ] (96B) ATHLETICS3 (Sport: ________________)
   - [ ] CHEER, DANCE, FLAG, MARCHING BAND3
     Students who want to participate in programs other than PE such as athletics, cheer, dance, flag, and marching band must try out and/or be preapproved by coach or program director.

4. MATHEMATICS  (Two Semesters/Full Year)
   - [ ] (20G) ALGEBRA PREP (Pre-Algebra)
   - [ ] (21I) ALGEBRA 1*
   - [ ] (22C) ACCEL GEOMETRY*
     (Geometry Placement Test score required)

5. HEALTH  (One Semester/Half Year) AND ELECTIVE  (One semester/Half Year)
   - Student will be automatically placed in one semester of Health (Fall or Spring) and one of the following semester electives during the opposite semester: Intro to Art, New Media, or World Geography.

6. ELECTIVE CHOICES:  (Two Semesters/Full Year)  Mark your first and second choice using the numbers 1 & 2.
   - [ ] (47Y) Animation*
   - [ ] (47E) Art 1*
   - [ ] (49A) Ceramics 1*
   - [ ] (44D) Instrumental Music*3
     (w/ Marching Band)
   - [ ] (44C) Music Theory*3
   - [ ] (44P) Orchestra*3
   - [ ] (44A) Boys Choir*
   - [ ] (45A) Girls Choir*
   - [ ] (46A) Theater 1*
   - [ ] (35A) French 1*
   - [ ] (38A) Japanese 1*
   - [ ] (34A) Spanish 1*
   - [ ] (34C) Spanish 2*1
     (Spanish for Spanish Speakers)
   - [ ] (56L) Fiber Arts/Design*
   - [ ] (50C) Virtual Enterprise I
   - [ ] (56U) Web Design Publishing*
   - [ ] (61Y) Yearbook*

*Courses with an asterisk are CSU/UC approved.  
1 Course requires teacher approval.
Aeries Online Course Request Entry Instructions

Fountain Valley High School

AERIES ONLINE COURSE REQUEST INSTRUCTIONS

1. Fill out the Scheduling Worksheet for the upcoming school year.
2. Log onto your Aeries Account
   a. Go to vhss.com
   b. Click on Portal
   c. Click on Aeries SIS under Parents and Students
   d. Sign in
3. Once in Aeries, hover over Student Info
   (See diagram 1, Arrow 1)
4. Roll down and click on Course Requests Entry
   (See diagram 1, Arrow 2)
5. Under Filter Courses, click Subject Area Drop Down (See diagram 2, Arrow 3)
6. Select a Subject area; i.e. English
   a. Read the class choices and compare to class selected on Scheduling Worksheet
   b. Click on and add the class to your course selection requests
7. Repeat for each Subject area as chosen on Scheduling worksheet.
8. Review all course selections on your request list
   (See diagram 2, Arrow 4) and sign out of Aeries.
Scheduling Worksheet for Students Entering 10th Grade

Fountain Valley High School

SCHEDULING WORKSHEET for 10TH GRADE

STUDENT NAME: ____________________  FVHS STUDENT ID# ____________________
PARENT NAME: ____________________  PHONE #: ____________________  EMAIL: ____________________

INSTRUCTIONS:
- Consider graduation requirements and college and career goals when making your decisions.
- Your classes are determined by placement criteria, prior grades, and teacher recommendations.
- Additional years of study in math, science, and a world language will make you more competitive for college.
- Your first choice in electives is not guaranteed; please be sure you indicate an alternate choice.
- Visit http://fhsguidance.weebly.com/ for a full course guide with class descriptions and placement criteria.
- Placement into a zero period is dependent upon good attendance, course requests, and space availability.
- After worksheet is complete, follow the instructions for online course selection using your Aeries account.

REQUIRED COURSES:

1. ENGLISH (Two Semesters/Full Year)
   - (02C) CP ENGLISH 1*
   - (02G) CP ENGLISH 2 HONORS*
   (See placement criteria/Summer assignments required)
   - ENGLISH LEP (Limited English Students)

2. SCIENCE (Two Semesters/Full Year)
   - (27K) BIOLOGY*
   - (27L) ACCEL BIOLOGY* (See placement criteria)
   - (26) CHEMISTRY* (See placement criteria)
   - (26L) CHEM COMM* (See placement criteria)
   - (30L) BIOLOGY SDAIE* (Limited English Students)

3. PHYSICAL EDUCATION (Two Semesters/Full Year)
   - (97B) PHYSICAL EDUCATION 2
   - ATHLETICS2 (Sport: _________)
   - CHEER, DANCE, FLAG, MARCHING BAND2

Students in a class other than PE must take a PE credit course during alternate semesters. All participation in programs other than PE must be preapproved by the coach or program director.

4. MATHEMATICS (Two Semesters/Full Year)
   - (21I) ALGEBRA 1*
   - (22A) GEOMETRY*
   - (22C) ACCEL GEOMETRY* (See placement criteria)
   - (21I) ALGEBRA 2* (See placement criteria)
   - (21M) ALGEBRA 2/TRIG* (See placement criteria)
   - (22) PRECALCULUS* (See placement criteria)
   - (22L) PRECALCULUS HONORS* (See placement criteria)

5. HISTORY (Two Semesters/Full Year)
   - (10A) WORLD HISTORY*
   - (10G) AF EUROPEAN HISTORY*
   - (16H) WORLD HISTORY LEP* (Limited English Students)

6. ELECTIVE CHOICES: (Two Semesters/Full Year) (Mark your first and second choice.)
   - Animation*
   - Art 1, 2, 3, or 3+1
   - Studio Art* (AP, 20, 3D)
   - Ceramics 1 or 2 or 3+1
   - Instrumental 1+1 or 2+1
   - Music Theory/AP/EN 1+1
   - Orchestra*1
   - Choir 1 or 2+1
   - Theater 1, 2, 3, 4+1, or Adv+1
   - French 1, 2, 3, 4+, or AP*
   - Spanish 1, 2, 3, 4+, or AP*
   - Japanese 1, 2, 3, 4+, or AP*
   - Spanish Uno* (Spanish 1 for Spanish Speakers)
   - Environmental Design*
   - Advanced Environmental Design*1
   - Fashion Design*
   - Fiber Arts and Design*
   - Culinary Arts 1*
   - Graphic Design 1*
   - Photography 1 or 2 or 3+1
   - Digital Video Production*1
   - Web Design Publishing1
   - Yearbook1

*Courses with an asterisk are CSU/UC approved.
1 Course requires teacher approval.
1. Fill out the Scheduling Worksheet for the upcoming school year.
2. Log onto your Aeries Account
   a. Go to vhs.com
   b. Click on Portal
   c. Click on Aeries SIS under Parents and Students
   d. Sign in
3. Once in Aeries, hover over Student Info
   (See diagram 1, Arrow 1)
4. Roll down and click on Course Requests Entry
   (See diagram 1, Arrow 2)
5. Under Filter Courses, click Subject Area Drop Down (See diagram 2, Arrow 3)
6. Select a Subject area; i.e. English
   a. Read the class choices and compare to class selected on Scheduling Worksheet
   b. Click on and Add the class to your course selection requests
7. Repeat for each class Subject area as chosen on Scheduling Worksheet.
8. Review all course selections on your request list
   (See diagram 2, Arrow 4) and sign out of Aeries.
Scheduling Worksheet for Students Entering 11th Grade

Fountain Valley High School

SCHEDULING WORKSHEET for 11TH GRADE

STUDENT NAME: ___________________________  FVHS STUDENT ID: __________

PARENT NAME: ___________________________  PHONE #: ____________________

MIDDLE INITIAL: __________________________ EMAIL: ______________________

INSTRUCTIONS:

- Consider graduation requirements and college and career goals when making your decisions.
- Your classes are determined by placement criteria, prior grades, and teacher recommendations.
- Additional years of study in math, science, and a world language will make you more competitive for college.
- Your first choice in electives is not guaranteed; please be sure you indicate an alternate choice.
- Visit http://fvsounseling.weebly.com/ for a full course guide with class descriptions and placement criteria.
- Placement into a zero period is dependent upon good attendance, course requests, and space availability.
- After worksheet is complete, follow the instructions for online course selection using your Aeries account.

REQUIRED COURSES:

1. ENGLISH [Two Semesters/Full Year]
   - [ ] (031) CP ENGLISH 3
   - [ ] (035) AP ENGLISH 3
   - [ ] ENGLISH LEP [Limited English Students]

2. HISTORY [Two Semesters/Full Year]
   - [ ] (135) UNITED STATES HISTORY
   - [ ] (12X) AP UNITED STATES HISTORY
   - [ ] (16G) U.S. HISTORY LEP [Limited English Students]

3. MATHEMATICS [Two Semesters/Full Year]
   - [ ] (22A) GEOMETRY
   - [ ] (22C) ACCEL GEOMETRY [See placement criteria]
   - [ ] (21X) ALGEBRA 2 [See placement criteria]
   - [ ] (21M) ALGEBRA 2/TRIG [See placement criteria]
   - [ ] (22J) PRECALCULUS [See placement criteria]

4. ELECTIVE [Two Semesters/Full Year]

   [ ] [ ]

5. ELECTIVE [Two Semesters/Full Year]

   [ ] [ ]

ELECTIVE CHOICES:

- [ ] (21W) Animation
- [ ] Art 1, 2, or 3
- [ ] Studio Art [AP, 2D, 3D]
- [ ] Ceramics 1 or 2 or 3
- [ ] Instrumental 1 or 2 or 3
- [ ] Music Theory [MT]
- [ ] (44P) Orchestra
- [ ] Choir 1 or 2
- [ ] Theater 1, 2, 3, or Adv
- [ ] French 1, 2, 3, 4, or Adv
- [ ] Japanese 1, 2, 3, 4, or Adv
- [ ] Spanish 1, 2, 3, 4, or Adv
- [ ] [ ] Spanish Uno [Spanish for Spanish Speakers]
- [ ] [ ] Criminal Law
- [ ] [ ] Virtual Enterprise I
- [ ] [ ] Virtual Enterprise II
- [ ] [ ] AP Capstone/Seminar
- [ ] [ ] Sports & Entertainment Marketing
- [ ] [ ] Intro Comp Pragm/Website Design
- [ ] [ ] AP Computer Science
- [ ] [ ] Environmental Design
- [ ] [ ] Advanced Environmental Design
- [ ] [ ] Fashion Design
- [ ] [ ] Interior Design
- [ ] [ ] Culinary Arts 1
- [ ] [ ] Advanced Culinary Arts & Mgmt
- [ ] [ ] Life Management
- [ ] [ ] AP Psychology
- [ ] [ ] Develop Child Psychology
- [ ] [ ] Social Psychology
- [ ] [ ] Multimedia Design
- [ ] [ ] Visual Imagery
- [ ] [ ] Computer Graphics
- [ ] [ ] AP Capstone/Seminar
- [ ] [ ] Offsite IOP Course
- [ ] [ ] Photography 1 or 2 or 3
- [ ] [ ] Digital Video Production
- [ ] [ ] Web Design Publishing
- [ ] [ ] Yearbook
- [ ] [ ] Biology or [27K] Accel. Bio
- [ ] [ ] AP Biology
- [ ] [ ] Chemistry or [26K] Chem Com
- [ ] [ ] AP Chemistry
- [ ] [ ] AP Environmental Science
- [ ] [ ] Pharmacy Technology
- [ ] [ ] Physics
- [ ] [ ] AP Physics
- [ ] [ ] Physical Education/Athletics
- [ ] [ ] Cheer, Dance, Flag, Marching Band

*Courses with an asterisk are CSU/UC approved.

1 Course requires teacher approval.
Fountain Valley High School

AERIES ONLINE COURSE REQUEST INSTRUCTIONS

1. Fill out the Scheduling Worksheet for the upcoming school year.
2. Log onto your Aeries Account
   a. Go to vhs.com
   b. Click on Portal
   c. Click on Aeries SIS under Parents and Students
   d. Sign in
3. Once in Aeries, hover over Student Info (See diagram 1, Arrow 1)
4. Roll down and click on Course Requests Entry (See diagram 1, Arrow 2)
5. Under Filter Courses, click Subject Area Drop Down (See diagram 2, Arrow 3)
6. Select a Subject area; i.e. English
   a. Read the class choices and compare to class selected on Scheduling Worksheet
   b. Click on and Add the class to your course selection requests
7. Repeat for each class Subject area as chosen on Scheduling Worksheet.
8. Review all course selections on your request list (See diagram 2, Arrow 4) and sign out of Aeries.
### Scheduling Worksheet for 12th Grade

**Fountain Valley High School**

**SCHEDULING WORKSHEET** for 12TH GRADE

**STUDENT NAME:**

**PVHS STUDENT ID:**

**PARENT NAME:**

**PHONE #:**

**EMAIL:**

**INSTRUCTIONS:**
- Consider graduation requirements and college and career goals when making your decisions.
- Your classes are determined by placement criteria, prior grades, and teacher recommendations.
- Additional years of study in math, science, and world language will make you more competitive for college.
- Your first choice in electives is not guaranteed; please be sure you indicate an alternate choice.
- Placement into a zero period is dependent upon good attendance, course requests, and space availability.
- After worksheet is complete, follow the instructions for online course selection using your Aeries account.

### REQUIRED COURSES:

1. **ENGLISH** (Two Semesters/Full Year)
   - (4AM) CP ENGLISH 4th
   - (6CM) CP ENG/WR (Expository/Read/Write/Comp)*
   - (6MN) CP Literature Modern Media*
   - (6SA) AP ENGLISH 4th
   - (See placement criteria/Summer assignment required)
   - ENGLISH LEP (Limited English Students)

2. **HISTORY** (Two Semesters/Full Year)
   - (13E) U.S. GOVERNMENT/ECONOMICS*
   - (15K) AP GOVERNMENT/AP ECONOMICS*
     - (See placement criteria)
   - (16L) GOVERNMENT/ECONOMICS LEP*
     - (Limited English Students)

### ELECTIVE COURSES:

#### 3. ELECTIVE (Two Semesters/Full Year)

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<th>Pick from choices below and write in here</th>
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#### 4. ELECTIVE (Two Semesters/Full Year)

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<th>Pick from choices below and write in here</th>
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</table>

#### 5. ELECTIVE (Two Semesters/Full Year)

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<tr>
<th>Pick from choices below and write in here</th>
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</thead>
</table>

### ELECTIVE CHOICES:

- (61W) Animation*
- (Art1, 2, or 3)*
- (Studio Art1) AP 2D, 3D)
- (67T) AP Art History*
- (Ceramics 1st or 2nd)*
- (Instrumental 1st or 2nd)*
- (Music Theory/AMPAP)*
- (44P) Orchestra*
- (Choir 1st or 2nd)*
- (Theater 1st, 2nd, 3rd, or Adv)*
- (FRENCH 1st, 2nd, 3rd, 4th, or AP)*
- (Japanese 1st, 2nd, 3rd, 4th, or AP)*
- (Spanish 1st, 2nd, 3rd, or AP)*
- (51C) Criminal Law*
- (30T) Virtual Enterprise I*
- (20T) Virtual enterprise II*
- (83M) Sports & Entertainment Marketing*
- (801) Intro Comp Programm Web Design*
- (83X) AP Computer Science*
- (AP Capstone/Seminar)*
- (56H) Environmental Design*
- (56K) Adv Environmental Design*
- (57U) Fashion Design*
- (58L) Fiber Arts and Design*
- (59M) Culinary Arts 2nd*
- (59T) Adv Culinary Arts & Mgmt*
- (75S) Life Management II*
- (81A) Geometry*
- (111) Algebra 1st*
- (11X) Algebra 2nd*
- (11M) Algebra 2/Trig*
- (122) Precalculus*
- (121) Precalculus Honors*
- (12E) AP Computer Science*

#### Additional Courses:

- (17L) Biology or (27K) Accel. Bio*
- (17Q) AP Biology*
- (16I) Chemistry or (26I) Chem Comm*
- (160) AP Chemistry*
- (275) AP Environmental Science*
- (60L) Pharmacy Technology*
- (16D) Physics*
- (16U) AP Physics*
- (17U) Physiology*
- (22) Sports Medicine*
- (4) AP Psychology*
- (77C) Dev Child Psychology*
- (15E) Social Psychology*
- (48W) Digital Video Production*
- (1) Photography 1st or 2nd
- (61W) Web Design Publishing*
- (61Y) Yearbook*
- (61V) Health Education/Health*
- (97M) Weight Training*
- (97D) Cheer*, Dance*, Flag*, Marching Band*

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*Courses with an asterisk are CSU/UC approved.

1 Course requires teacher approval.
Fountain Valley High School

AERIES ONLINE COURSE REQUEST INSTRUCTIONS

1. Fill out the Scheduling Worksheet for the upcoming school year.
2. Log onto your Aeries Account
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   b. Click on and Add the class to your course selection requests
7. Repeat for each class Subject area as chosen on scheduling worksheet.
8. Review all course selections on your request list
   (See diagram 2, Arrow 4) and sign out of Aeries.
COURSE DESCRIPTIONS
COURSE DESCRIPTIONS

HISTORY AND SOCIAL SCIENCE - UC/CSU “A” REQUIREMENT

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

Description: World Geography is a semester long global survey course designed to partner up with Health class. It is an elective that offers a brief insight into how human culture adapts to the needs and demands of local geography. This course often deals with modern problems that affect the various regions under inquiry and provides excellent context for future History courses.

15C  WORLD GEOGRAPHY HONORS
Credit: 10 Credits  Year
Open to:  Grade 9
Prerequisite: Placement may be determined by reading test scores, grades and teacher recommendation.
UC Approved: Yes

Description: World Geography Honors is designed for strongly motivated, academically accelerated students. Emphasis is on the 5 major geographic themes: Location, Place, Human-Environment Interaction, Movement, and Region. The course uses a college textbook and covers the following topics: map reading and interpretation, place names, population patterns and migration, geography of world religions, economic geography, urban geography, political geography.

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

Description: The course will cover topics including the continuing economic, political, and social development of Western and non-Western human civilizations from the ancient world to the present; the role European civilization has played in world affairs.

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

Description: The AP European History course focuses on developing students' understanding of European history from approximately 1450 to the present. Students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, develop and use thinking skills, methods employed by historians when they study the past.
**12E U.S. HISTORY**

<table>
<thead>
<tr>
<th>Credit:</th>
<th>10 Credits</th>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>Open to:</td>
<td>Grade 11</td>
<td></td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>None</td>
<td></td>
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<tr>
<td>UC Approved:</td>
<td>Yes</td>
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</tbody>
</table>

**Description:** The course will examine the way in which the United States as a nation has evolved over the last several centuries by examining a variety of people, events, and time periods with an emphasis on the 20th Century.

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**12K AP U.S. HISTORY**

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<tr>
<th>Credit:</th>
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<tbody>
<tr>
<td>Open to:</td>
<td>Grade 11</td>
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</tr>
<tr>
<td>Prerequisite:</td>
<td>&quot;B&quot; 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 required.</td>
<td></td>
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<tr>
<td>UC Approved:</td>
<td>Yes</td>
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</tbody>
</table>

**Description:** The course will examine the way in which the United States as a nation has evolved over the last several centuries by examining a variety of people, events, and time periods. The course is designed to prepare students for the College Boards APUSH Exam.

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**13E GOVERNMENT**

<table>
<thead>
<tr>
<th>Credit:</th>
<th>5 Credits</th>
<th>Semester</th>
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<tbody>
<tr>
<td>Open to:</td>
<td>Grade 12</td>
<td></td>
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<tr>
<td>Prerequisite:</td>
<td>None</td>
<td></td>
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<tr>
<td>UC Approved:</td>
<td>Yes</td>
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</table>

**Description:** The course objective of US Government is to provide students with a civic literacy, a fundamental understanding the American government system.

---

**13K AP U.S. GOV’T/POLITICS**

<table>
<thead>
<tr>
<th>Credit:</th>
<th>5 Credits</th>
<th>Semester</th>
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<tbody>
<tr>
<td>Open to:</td>
<td>Grade 12</td>
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</tr>
<tr>
<td>Prerequisite:</td>
<td>&quot;B&quot; or above in AP European History and/or AP U.S. History or “A” in U.S History and teacher recommendation</td>
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<tr>
<td>UC Approved:</td>
<td>Yes</td>
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</tbody>
</table>

**Description:** Must have taken the AP exam in either course; passing grade on AP exam not required. The course objective of AP US Government is to provide students with a civic literacy, a fundamental understanding the American government system. This class also prepares students for the College Boards AP Government and Politics Exam.

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**14E ECONOMICS**

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<tr>
<th>Credit:</th>
<th>5 Credits</th>
<th>Semester</th>
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<tbody>
<tr>
<td>Open to:</td>
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<tr>
<td>Prerequisite:</td>
<td>None</td>
<td></td>
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<tr>
<td>UC Approved:</td>
<td>Yes</td>
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</table>

**Description:** Understanding our economic system and factors that influence it, including such topics as economic goals, the budget deficit and foreign trade. Consumer topics including banking skills, credit, insurance and investments. This class meets the economics graduation requirement. UC Elective.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Type</th>
<th>Open to</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>14K</td>
<td>AP ECONOMICS (Macro)</td>
<td>5</td>
<td>Semester</td>
<td>Grade 12</td>
<td>Completion of any 2 AP classes with &quot;B&quot; or above or concurrent enrollment in, or completion of Honors Pre-Calculus or department coordinator recommendation.</td>
</tr>
<tr>
<td>UC Approved</td>
<td>Yes</td>
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<tr>
<td>Description</td>
<td>This is the College Board’s Advanced Placement economics course designed to prepare students for the AP Macro exam. UC Elective.</td>
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</thead>
<tbody>
<tr>
<td>4P</td>
<td>AP PSYCHOLOGY</td>
<td>10</td>
<td>Year</td>
<td>Grade 11-12</td>
<td>&quot;A&quot; or &quot;B&quot; in any previous honors (this includes Sophomore English Honors) and/or AP class.</td>
</tr>
<tr>
<td>UC Approved</td>
<td>Yes</td>
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<tr>
<td>Description</td>
<td>UC Elective. This survey class explores theories and research related to human behavior through discussions, readings and other activities. May deal with mature and controversial subjects such as human sexuality, violence and racism. The purpose of this class is to prepare students for the AP Psychology test at the end of the year. UC Elective.</td>
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<tbody>
<tr>
<td>15E</td>
<td>SOCIAL PSYCHOLOGY</td>
<td>10</td>
<td>Year</td>
<td>Grade 11-12</td>
<td>None</td>
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<tr>
<td>UC Approved</td>
<td>Yes</td>
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</thead>
<tbody>
<tr>
<td>16H</td>
<td>WORLD HISTORY LEP</td>
<td>10</td>
<td>Year</td>
<td>Grade 9-10</td>
<td>CELDT Test scores</td>
</tr>
<tr>
<td>UC Approved</td>
<td>Yes</td>
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</thead>
<tbody>
<tr>
<td>16J</td>
<td>U.S. HISTORY LEP</td>
<td>10</td>
<td>Year</td>
<td>Grade 11</td>
<td>CELDT Test scores</td>
</tr>
<tr>
<td>UC Approved</td>
<td>Yes</td>
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<th>Open to</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>16L</td>
<td>GOVERNMENT LEP</td>
<td>5</td>
<td>Semester</td>
<td>Grade 12</td>
<td>CELDT Test scores</td>
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<tr>
<td>UC Approved</td>
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<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>16M</td>
<td>ECONOMICS LEP</td>
<td>5</td>
<td>Semester</td>
<td>Grade 12</td>
<td>CELDT Test scores</td>
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<td>UC Approved</td>
<td>Yes</td>
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</tbody>
</table>
01C  CP ENGLISH 1
Credit: 10 Credits       Year
Open to: Grade 9
Prerequisite: None
UC Approved: Yes

Description: 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. Using the writing process, students write paragraphs and multi-paragraph papers of narration, description, and exposition. They learn to write in various domains and for varied purposes and audiences. English 1 introduces the basic types of literature through classic works. Students study the short story, poetry, novel, drama, and nonfiction. Using critical thinking skills, students analyze these core works and relate insights to their own lives. New vocabulary is taught within meaningful contexts. Instruction in listening and speaking focuses on informative speeches, critical listening, note-taking, class and small-group discussions, and other interactive activities. English 1 students are also oriented to the school library. English 1 meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.

01G  CP ENGLISH HONORS 1
Credit: 10 Credits       Year
Open to: Grade 9
Prerequisite: Placement may be determined by reading tests scores, grades and teacher recommendation. Summer reading assignment required.
http://fvhsenglish.weebly.com/summer-reading.html. Scan the following QR code for more information.
UC Approved: Yes

Description: English Honors 1 is a challenging yearlong 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. Students also receive practice in writing to a topic in a limited period of time. English Honors 1 meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/ Scholar with Honors/ Scholar with Expertise programs.

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

Description: 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.

02G  CP ENGLISH HONORS 2
Credit: 10 Credits       Year
Open to: Grade 10
Prerequisite: “B” or above both semesters in English Honors 1; and a high “A” (94% or above) both semesters in English 1 and Honors Committee approval of honors application.
UC Approved: Yes

Description: 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.
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.

Description: AP English 3 is a challenging academic course that focused 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.

Description: Through a sequence of rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, assorted public documents, and other nonfiction texts. ERWC meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.

Description: CP English 4 is a challenging academic course designed for serious, college-bound students. Readings from British Literature, classroom discussion, writing assignments, and regular homework stimulate high levels of critical thinking. CP English 4 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  
Open to: Grade 12  
Prerequisite: "B" or above both semester in AP English 3 (Language); or a high "A" (94% or above) both semesters in CP English 3 and Honors Committee approval of honors application  
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.

**050 LITERATURE AND MODERN MEDIA**

Credit: 10 Credits  
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.

**06U WEB DESIGN/ PUBLISHING**

Credit: 10 Credits  
Open to: Grade 9-12  
Prerequisite: Permission of instructor required.  
UC Approved Yes

**Description**  
An advanced journalism and Web class for student who wish to work independently and collaboratively to publish the school newspaper and school web site. Elective Credit only- not English credit.

**54C DEVELOPMENTAL READING**

Credit: 10 Credits  
Open to: Grade 9  
Prerequisite: Test scores on the Gates-MacGinitie and resulting diagnostic testing with instructor.  
UC Approved No

**Description**  
This course is a requirement for all freshmen who score 7.5 or below in any area on the Gates-MacGinitie Test. 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. Leisure reading homework is required each evening from a book selected by the student and approved by the teacher. Elective Credit only- not English credit.
Designed for students in all grade levels who speak English as a second language and/or whose parents/family speak a language other than English, English LEP classes are literature-based courses which integrate the study of literature with writing, vocabulary, reading, listening and speaking. With an emphasis on critical thinking skills, this class also maximizes oral language development, listening comprehension, and writing, developed by means of individualized learning and small group instruction.

07B ENGLISH LEP 1
Credit: 10 Credits Year
Open to: Grade 9-12
Prerequisite: CELDT test scores
UC Approved: No

07C ENGLISH LEP 2
Credit: 10 Credits Year
Open to: Grade 9-12
Prerequisite: CELDT test scores
UC Approved: No

07D CP ENGLISH LEP 3
Credit: 10 Credits Year
Open to: Grade 9-12
Prerequisite: CELDT test scores
UC Approved: Yes

07E ENGLISH LEP 4
Credit: 10 Credits Year
Open to: Grade 9-12
Prerequisite: CELDT test scores
UC Approved: No

These courses are required each year for all students with limited English proficiency (LEP). These courses provide language support through programmed instruction at three levels of difficulty until students score Early Advanced or Advanced on the California English Language Development Test. 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: CELDT test scores
UC Approved: No

07M ENGLISH LANG. DEVELOPMENT 2
Credit: 10 Credits Year
Open to: Grade 9-12
Prerequisite: CELDT test scores
UC Approved: No
07N  ENGLISH LANG. DEVELOPMENT 3
Credit: 10 Credits  Year
Open to: Grade 9-12
Prerequisite: CELDT test scores
UC Approved No

07R  ELD Enrichment
Credit: 10 Credits  Year
Open to: Grade 9-12
Prerequisite: CELDT test scores
UC Approved No

Description: This course is designed for the ELL transitional student. It is designed as a support class for students who have earned level 4 or 5 on the CELDT. ELL students who take this class will be placed in a grade level CP English class. Teachers of these classes work closely together to plan assignments to help enrich students English Language Development. The goal of this course is get ELL students ready for mainstream general education classes.
20G  ALGEBRA PREP  
Credit: 10 Credits Year  
Open to: Grade 9  
Prerequisite: 8th Grade teacher recommendation.  
UC Approved No  
Description: This one-year course provides 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 or two step equations, graphing functions, and probability and data analysis.

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.

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  ACCCELERATED 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: Passing grade in both semesters of Algebra 1 and Geometry/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.

21M  ALGEBRA 2/TRIGONOMETRY
Credit: 10 Credits  Year
Open to: Grade 10-12
Prerequisite: Algebra 1 and Accelerated Geometry with a “B” or above in each semester
UC Approved Yes

Description: Algebra 2 Trigonometry 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 is during the fourth quarter and includes the topics of 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 that have a strong mathematical background and are challenged to read, analyze and explain mathematical concepts. Algebra 2 Trigonometry meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.

53K  AP COMPUTER SCIENCE PRINCIPLES
Credit: 10 Credits  Year
Open to: Grade 10-12
Prerequisite: C or better in Algebra 2 or higher
UC Approved Yes

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.

22J  PRE-CALCULUS
Credit: 10 Credits  Year
Open to: Grade 11-12
Prerequisite: Passing grade in both semesters of Algebra 2/Algebra 2 Trigonometry.
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.
**22L PRE-CALCULUS HONORS**
Credit: 10 Credits  
Year: 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/Trig. Students will develop Trig identities, and apply logarithms to real world situations. Students will also be introduced to limits, definition of a derivatives, and techniques for finding tangent lines for relations, functions and parametric equations.

**22R PROBABILITY/STATISTICS & TRIGONOMETRY**
Credit: 10 Credits  
Year: 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 include 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.

**22S AP STATISTICS**
Credit: 10 Credits  
Year: Grade 11-12  
Prerequisite: Algebra 2/Trig, with a "B" or above in each semester or Precalculus Honors with a "C" or above in each semester or Precalculus with a "C" or above in each semester.  
UC Approved: Yes

**Description:** AP Statistics is the science of collecting, organizing, analyzing, and drawing conclusions from data. Four major themes will be covered: exploratory data analysis, collecting data and designing studies, probability models and simulation, and statistical inference. Students will study the many and varied applications of statistics in medicine, business, psychology, environmental science, and other important fields. *AP Statistics meets UC/CSU university entrance requirements and is approved for the Scholar with Distinction/Scholar with Honors/Scholar with Expertise programs.*

**23A AP CALCULUS/AB**
Credit: 10 Credits  
Year: Grade 11-12  
Prerequisite: Pre-Calculus Honors with a "C" or above in each semester or Pre-Calculus with A "B" or above in each semester.  
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.
26A PHYSICAL SCIENCE
Credit: 10 Credits  Year
Open to: Grade 9
Prerequisite: None
UC Approved Yes  g elective

Description: Physical Science is a one-year freshman level class. One semester is a survey of chemistry; the other semester is a survey of physics, earth 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.

26G COLLEGE PREP INTRODUCTORY PHYSICAL SCIENCE (C.P.I.P.S.)
Credit: 10 Credits  Year
Open to: Grade 9
Prerequisite: Placement is determined by math placement test scores, reading scores, grades and 8th grade teacher recommendation
UC Approved Yes  g elective

Description: C.P.I.P.S. (College Prep Introductory Physical Science) is a course for 9th grade students who have demonstrated ability in mathematics and science. 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. C.P.I.P.S. establishes a foundation for chemistry and other advanced science classes. The course meets the physical science graduation requirement and the UC/CSU elective “g” requirement for admission. It does not satisfy the laboratory science requirement for Scholar with Distinction/Scholar with Honors/Scholar with Expertise Programs, the University of California, or California State University.

26K CHEMISTRY IN THE COMMUNITY (CHEM COM)
Credit: 10 Credits  Year
Open to: Grade 10-12
Prerequisite: “C” or above in Algebra I or above. “C” or above in 27K Biology OR 27E Accelerated 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. Students will develop skills related to the reading of technical text, scientific writing, and real world science applications. Meets UC a-g requirements as a lab science but does not meet requirements for Scholar with Distinction or Scholar with Honors.

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 “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 the atomic structure, molecular structure and the interaction of energy and matter. Students will develop skills related to the reading of technical text, scientific writing, and real world science applications.
260 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.

27E ACCELERATED BIOLOGY
Credit: 10 Credits Year
Open to Grade 9-12
Prerequisite: (9TH GRADE): Placement is determined by Reading Test Scores, Math Placement scores, 8th Grade teacher recommendation and grades. (10TH-12TH GRADE): “B” or above in 26G CPIPS or “A” in 26A Physical Science with teacher recommendation
UC Approved Yes

Description: Accelerated Biology is the study of life processes including the biology of the cell, genetics, biotechnology, human physiology, ecology, and evolution. Students will develop skills related to the reading of technical text, scientific writing, and real world science applications. The investigative approach is emphasized and students are introduced to advanced life science laboratory techniques and applications.

27K BIOLOGY
Credit: 10 Credits Year
Open to Grade 10-12
Prerequisite: “C” or higher in 26A Physical Science or 26G CPIPS
UC Approved Yes

Description: Biology is the study of life processes including cell biology, genetics, ecology, human physiology and evolution. Students will develop skills related to the reading of technical text, scientific writing, and real world science applications. Emphasis is placed on introductory life science laboratory techniques and applications.

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

Description: AP Biology includes introductory college level topics in biology as determined by The College Board. Topics include, but are not limited to, cell biology, generics, biotechnology, evolution of organisms, phylogeny, animal physiology, plant structure and function, and ecology. 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.

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 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.
26U  AP PHYSICS C (Mechanics)
Credit:  10 Credits  Year
Open to  Grade 11-12
Prerequisite:  “B” or above in Algebra II/Trig and Chemistry, minimum concurrent enrollment in Pre-Calculus, recommended concurrent enrollment in AP Calculus and teacher recommendation.
UC Approved  Yes

Descriptions:  Calculus-based physics course that studies the classical laws of motion of physical bodies. Topics include Newton's laws of motion, work, energy, momentum, rotational dynamics, Newton's universal law of gravitation, and simple harmonic motion. Students will master skills related to the reading of technical text, scientific writing, 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 and 26I Chemistry and teacher recommendation.
UC Approved  Yes

Description:  AP Environmental Science teaches 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's system (e.g., cycling of matter, biosphere, solid earth, atmosphere, etc.) Students will master skills related to the reading of technical text, scientific writing, and real world science applications. Meets the lab science requirement. Many colleges/universities will grant one college semester credit for introductory science class for a score of 3 or above on the APES exam.

27U  Physiology
Credit:  10 Credits  Year
Open to  Grade 11-12
Prerequisite:  “C” or above in 27E Accelerated 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 many human body systems. Homeostatic balance, the relationship between structure and function, and the interrelationships between body systems are a focus throughout the course. This course is recommended for students interested in a health-related career, especially those students who plan to study medicine, nursing, physical therapy, and athletic training. The course may also be helpful for those students who plan to enter education as either a life science or physical education teacher. Laboratory activities may include dissections.

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. The unifying ideas included are, “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.
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.

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, a core vocabulary, and culture.

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

34G SPANISH 4
Credit: 10 Credits Year
Open to Grade 11-12
Prerequisite: “C” or above in Spanish 3
UC Approved Yes

34I AP SPANISH 4 (Language)
Credit: 10 Credits Year
Open to Grade 11-12
Prerequisite: “B” or above in Spanish 3, 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

41M “Español Uno”
Credit: 10 Credits Year
Open to Grade 9-12
Prerequisite: Teacher Recommendation
UC Approved Yes

Description: Español Uno is a year-long course designed 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.
<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Open to</th>
<th>Prerequisite</th>
<th>UC Approved</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>35A FRENCH 1</strong></td>
<td>10 Credits</td>
<td>Grade 9-12</td>
<td>Should read at grade level or a &quot;C&quot; in Freshman English.</td>
<td>Yes</td>
<td>This course 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 with emphasis on communication in the French language and mastery of a core vocabulary. Also included is an introduction to basic expressions, grammar, and French culture.</td>
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<tr>
<td><strong>35C FRENCH 2</strong></td>
<td>10 Credits</td>
<td>Grade 9-12</td>
<td>&quot;C&quot; or above in French 1.</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>35E FRENCH 3</strong></td>
<td>10 Credits</td>
<td>Grade 10-12</td>
<td>&quot;C&quot; or above in French 2.</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>35G FRENCH 4</strong></td>
<td>10 Credits</td>
<td>Grade 11-12</td>
<td>&quot;C&quot; or above in French 3.</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>35I AP FRENCH 4 (Lang)</strong></td>
<td>10 Credits</td>
<td>Grade 11-12</td>
<td>&quot;B&quot; or above in French 3 or teacher recommendation.</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td><strong>38A JAPANESE 1</strong></td>
<td>10 Credits</td>
<td>Grade 9-12</td>
<td>Should read at grade level or a “C” in Freshman English.</td>
<td>Yes</td>
<td>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. This course emphasizes communication and a mastery of a core vocabulary, while studying basic expressions, grammatical structures and Japanese culture.</td>
</tr>
<tr>
<td><strong>38C JAPANESE 2</strong></td>
<td>10 Credits</td>
<td>Grade 10-12</td>
<td>“C” or above in Japanese 1 and teacher recommendation.</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>
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

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

38K  AP JAPANESE 4
Credit: 10 Credits Year
Open to Grade 12
Prerequisite: “B” or above in Japanese 3 and teacher recommendation.
UC Approved Yes
91J INTRO TO ART
Credit: 5 Credits Semester
Open to Grade 9-12
Prerequisite: None
UC Approved No

Description: Introductory Art is designed to introduce students to several studies in art. Students will be introduced to a beginning level of: Drawing, Painting, Ceramics, 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. The course will allow students to experience both two and three-dimensional art, allowing for future study in arts.

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

Description: Art 1 is a year-long course that emphasizes creative mark-making with a variety of art mediums. Emphasis is placed on drawing, painting, collage, and development of a series of related works relevant to personal artistic goals and talents. Conceptual focus is placed on the creative process, which includes the elements and principles of art and design. The course includes the study of aesthetics, digital/technical components, creative expression, criteria for analyzing and interpreting works of art, the study of cultural and historical aspects of Fine Arts, and the exploration of careers associated with the arts.

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.
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.

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: storyboardingscript-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 STUDIO ART/2-D DRAWING AND PAINTING
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 anyone 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.

48I AP STUDIO ART/3 DIMENSION
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.
**48G  AP STUDIO ART 2D/DESIGN (DIGITAL/PHOTO)**

Credit: 10 Credits  
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 The AP Portfolio is digital submission of 24 images with 5 printed works. Students will develop advanced skills with digital and darkroom photography and digital media production. Students will be expected to be able to use all methods of photography ranging from traditional SLR camera, developing film, darkroom, digital photography, smartphone photography and the DSLR camera. Students will develop individually in a chosen medium and theme. In preparation for the AP portfolio learning experiences will focus on elements and principles of design through art history, art criticism and applied projects.

This is a course intended to create an AP-2D Design Portfolio. The Advanced Placement Studio Art course is college level course in the visual arts. An AP course is intended to offer the student a college-level curriculum in the high school environment.

**47U  AP ART HISTORY**

Credit: 10 Credits  
Open to Grade 10-12  
Prerequisite: A “B” or above in AP European History and/or AP US History, AP English and/or College Prep English, English Honors 2. Students in World History or US History must have an A both semesters of history, a “B” or above in CP or Honors English, and teacher recommendation. Incoming sophomores: “A” or “B” in English Honors 1, “A” in English 1 and teacher recommendation

UC Approved Yes

**Description:** The AP Art History course is designed to provide students with a broad overview of the history of art, exposing them to the same material as would be presented in a survey course of art history at the college level. The course is intended to provided students a familiarity with the development of art, its major movements and figures, its relationships to the historical period in which it was created, and to make their encounters with art, whether historical or contemporary, more meaningful, comprehensible, and pleasurable. This course is primarily designed for students planning on attending a university or art school and requires a high degree of commitment to academic work.

**49A  CERAMICS 1**

Credit: 10 Credits  
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  
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  
Open to Grade 11-12  
Prerequisite: Pass ceramics 2 with a “C” or above. Must have Teacher recommendation.

UC Approved Yes
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

61R PHOTOGRAPHY 1
Credit: 10 Credits Year
Open to Grade 9-12
Prerequisite: None
UC Approved Yes

Description: Photography is designed to give students a learning experience of all photographic mediums through skills of capture, editing and composition. Methods of photography will range from using a traditional SLR camera, developing film, darkroom, digital photography, smartphone photography and the DSLR camera. Students will be taught the craft of photography and how to apply it to any photographic medium. Students will be exposed to the history of photography and emulate masters of photography.

61S PHOTOGRAPHY 2
Credit: 10 Credits Year
Open to Grade 11-12
Prerequisite: Photography 1
UC Approved Yes

Description: Photography is designed to give students an advanced learning experience of capture, post-production and composition in. Students will be expected to be able to use all methods of photography ranging from traditional SLR camera, developing film, darkroom, digital photography, smartphone photography and the DSLR camera. Students will develop individually in a chosen medium. This class strives for an advanced individual development of the craft of photography.

48M PHOTOGRAPHY 3
Credit: 10 Credits Year
Open to Grade 11-12
Prerequisite: Must have Teacher recommendation.
UC Approved Yes

Description: Photography is designed to give students an advanced learning experience of capture, post-production and composition in. Students will be expected to be able to use all methods of photography ranging from traditional SLR camera, developing film, darkroom, digital photography, smartphone photography and the DSLR camera. Students will develop individually in a chosen medium. This class strives for an advanced individual development of the craft of photography.

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

Description: Editing, Design, Management.

*ROP COURSES TAUGHT IN THE VISUAL ARTS DEPARTMENT
Art of Animation
Computer Graphics
Visual Imagery
INSTRUMENTAL MUSIC

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

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.

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

10-12/Year

Description: This course satisfies The College Board’s requirement for Music Theory. Students study advanced musicianship, theory, musical materials, and procedures.

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

9-12/Year

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 Department Coordinator for summer camp information.

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

Description: Students in this class are in the 10th through 12th grades that have some precious 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 Department Coordinator for summer camp information.

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 Department Coordinator for summer camp information.
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 Department Coordinator for summer camp information.

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.

FLAG ENSEMBLE
Band/Winds, Percussion
Credit: 5 Credits Spring semester only
Open to Grade 9-12
Prerequisite: Audition in the Spring and Teacher approval
UC Approved No

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. Students earn PE credit in the fall semester only. This class meets during the school day and is concurrent with the fall Marching Band Class.

VOCAL MUSIC

CHORUS I
Trouveres (beginning ladies/Voice)
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. Trouvere is for soprano (high voice) and alto (low voice), typically singing 2-part choral music.

Baron Choir (beginning men/Musicianship)
Prerequisite: Open enrollment.

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. Baron Choir is for tenor (high voice) and bass (low voice), typically singing 2-part choral music.
Les Chanteurs (*intermediate ladies*)

**Prerequisite:** Audition and teacher recommendation.

**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 for treble voices, soprano and alto, typically singing 3 or 4-part treble choral music.

All students enrolled in Chorus I will learn basic music theory, notation, ear training, sight-singing and piano skills. Public performance (approximately 4-6 per year) and concert attire are required for participation in Chorus I ensembles. A variety of field trip and additional tour, festival, and competition performance opportunities are possible, 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 (ladies and men-mixed)**

**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. HONORS credit may be given to more advanced students in leadership roles.*

**UC Approved:** Yes

### 43C ADVANCED MUSIC HONORS
**Troubadours (ladies and men-mixed)**

**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. HONORS 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. Frequent tours (local and abroad), concerts, retreats and festival performances are required for participation in this elect course, in addition to appropriately determined financial contributions to the Vocal Music Program.

### 46J DANCE TEAM

**Credit:** 10 Credits **Year**

**Open to:** Grade 9-12

**Prerequisite:** Previous dance experience required- team placement is determined at auditions in May for the following year.

**UC Approved:** No

**Description:** The FVHS Dance 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.
46P  CHEER ENSEMBLE
Credit:  5 Credits  Semester
Open to  Grade 9-12
Prerequisite:  Teacher Approval through Tryout Process
UC Approved  No

Description:  The FVHS Pep Squad is a year-round athletic program: all students enrolled in this course attend practices outside of school hours, including during the summer. The primary responsibility of students in the program is to provide positive leadership for the student body and FVHS community by developing school spirit and pride at athletic events and student activities. Team members develop personal poise, physical strength, stamina, coordination, showmanship and teamwork. The Pep Squad is divided into Junior Varsity and Varsity for both Cheer and Song Teams.

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

45O  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  THEATRE 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**

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<thead>
<tr>
<th>Credit:</th>
<th>10 Credits</th>
<th>Year:</th>
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<tr>
<td>Open to</td>
<td>Grade 10-12</td>
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<tr>
<td>Prerequisite:</td>
<td>Theater 1 or teacher approval through audition process</td>
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<tr>
<td>UC Approved</td>
<td>Yes</td>
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</table>

**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.

**46D ADVANCED DRAMA PRODUCTION/THEORY**

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<tr>
<th>Credit:</th>
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<tr>
<td>Open to</td>
<td>Grade 11-12</td>
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<tr>
<td>Prerequisite:</td>
<td>Theater 2 or teacher approval through audition process</td>
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<tr>
<td>UC Approved</td>
<td>Yes</td>
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</table>

**Description:** This course is designed to expand on the advanced actor’s knowledge from what was learned in the Theater 1, 2 and 3 courses. Emphasis is placed on an advanced understanding of dramatic profession through lectures, readings, written assignments, creativity and acting.

**46O PE CHEER ENSEMBLE**

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<thead>
<tr>
<th>Credit:</th>
<th>5 Credits</th>
<th>Semester:</th>
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<tr>
<td>Open to</td>
<td>Grade 9-12</td>
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<tr>
<td>Prerequisite:</td>
<td>Approval through try-out process</td>
<td></td>
</tr>
<tr>
<td>UC Approved</td>
<td>No – (May receive PE credits for Diploma)</td>
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</table>
CONSUMER & FAMILY STUDIES - UC/CSU “F/G” REQUIREMENT

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

Description: Focus on the preparation for life after high school includes employment, career/college planning, goals/values, money and credit management, housing, furnishings, consumer skills/issues, health/nutrition, meal-planning and food preparation, and positive family, personal and relationships. Many labs, simulations, interactive and computer-assisted experiences, plus discussions on controversial issues involving sexuality, violence, ethics, peer-pressure, and risky behaviors.

55H INTRODUCTION TO DESIGN ELEMENTS
Credit: 5 Credits Semester
Open to Grade 9
Prerequisite: None
UC Approved No

Description: This course is essentially a “survey” of all of the areas of Consumer and Family Studies, but with more of a focus in Fashion and Interior Design. Students explore what it takes to be a successful student, child development, and some foods and nutrition. During the semester, students create and present on various topics to build confidence for presentations in other classes.

55U FASHION DESIGN
Credit: 10 Credits Year
Open to Grade 9-12
Prerequisite: None
UC Approved 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: Prior enrollment to Intro to Design recommended/not required
UC Approved Yes (satisfies F requirement)

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, 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, creating original fabric designs and experimentation in recycling materials into garments. This is a project driven class. Guest speakers and field trips help to make real-world connections.
56H ENVIRONMENTAL DESIGN (Interior Design)
Credit: 10 Credits Year
Open to Grade 9-12
Prerequisite: Prior enrollment to Intro to Design recommended/not required
UC Approved Yes (satisfies F requirement)

Description: Fulfills CSU/UC Fine Arts requirement. This class includes the elements and principles of design, color theory, architectural and furniture styles, and drafting. Projects include evaluating floor plans, creating your own furniture layouts and floor plans, presentation color boards, and designing ideal rooms, research of architects/architectural styles and culminates with the client project hand and computer drafting are utilized. A historic look at architecture and furniture; and how our environment has influenced our cities, buildings, and homes. Field trips and guest speakers contribute to the experience.

56K ADVANCED ENVIRONMENTAL DESIGN
Credit: 10 Credits Year
Open to Grade 11-12
Prerequisite: Completion of Environmental Design
UC Approved Yes

Description: Students will be completing floor plans, elevations and in some cases perspective drawings for projects throughout the class. Presentations boards and budgets will be created for projects. Possible projects include kitchens, landscape design, studio apartment, loft, hotel room/suite, hotel lobby, classrooms, and hand and computer drafting are utilized. etc. Field trips and guest speakers contribute to the experience.

55P CULINARY ARTS I
Credit: 10 Credits Year
Open to Grade 10-12
Prerequisite: Foods 1
UC Approved 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 OR successful completion of ROP Baking and Pastry
UC Approved 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 of 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 11-12
Prerequisite: No
UC Approved Yes

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 3-13 in local schools. Provides practical, professional, and personal perspectives on meeting needs of children. UC Elective
Description: An introduction to Micro and Macroeconomics. Topics covered include cost and benefit analysis, supply and demand, economic goals, the budget deficit, and trade. Personal finance topics include credit, insurance and investments. Graduation requirement. UC Elective.
50C VIRTUAL ENTERPRISE 1
Credit: 10 Credits Year
Open to Grade 9-12
Prerequisite: None
UC Approved No

Description: The Virtual Enterprise 1 class will equip students in Technology Applications and Marketing Proficiencies. This course provides instruction in basic multimedia applications utilizing Microsoft Office 2007. Word, Excel, Power Point, Access and Publisher will be covered, as well as entry level Web Design. Students will work in teams to start a business, and utilize technology to create the projects and materials needed for their new business venture. Projects are designed to develop skills in technology, communications, problem solving, and critical thinking. It serves as an introduction to the higher level Virtual Enterprise course.

51C CRIMINAL LAW
Credit: 5 Credits Semester
Open to Grade 11-12
Prerequisite: None
UC Approved No

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 to observe many of the topics covered in class. 2nd semester 51B, Business Law is offered.

51B BUSINESS LAW
Credit: 5 Credits Semester
Open to Grade 11-12
Prerequisite: None
UC Approved No

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.

53A ECONOMICS
Credit: 5 Credits Semester
Open to Grade 12
Prerequisite: None
UC Approved Yes

Description: Introduction to Micro and Macroeconomics. Topics covered include cost and benefits of choices, supply and demand, personal finance, market efficiency and monetary and fiscal policy. Graduation Requirement.
53C  AP ECONOMICS (Macro)  Credit:  5 Credits Semester
Open to  Grade 12
Prerequisite:  Completion of any 2 AP classes with "B" or above or concurrent enrollment in, or completion of Honors Pre-Calculus or department coordinator recommendation.
UC Approved Yes

Description:  This is the College Board's Advanced Placement economics course designed to prepare students for the AP Macro exam. UC Elective.

50M  NEW MEDIA  Credit:  5 Credits Semester
Open to  Grade 9
Prerequisite:  None
UC Approved No

Description:  This semester course provides an introduction to cyber literacy and entry level skills to design a web site. It will include in-class activities and projects, as well as collaborative based learning experiences that will introduce students to a variety of courses in the Business Department.

80S  WEB SITE DEV. (ROP)  Credit:  5 Credits  1st Semester only (80D PROGRAMING-2ND SEMESTER))
Open to  16 years old
Prerequisite:  16 years old
UC Approved Yes

Description:  Students are taught beginning to intermediate level programming languages and concepts necessary to design, construct and manage WWW sites. Industry standard applications such as Dreamweaver, Flash, and Fireworks are used along with programming languages such as HTML. Skills learned include layout and design, operation of industry standard graphics software, designing pages and sites for the WWW and understanding Internet fundamentals. Some prior computer applications experience essential to success in this course.

80D  INTRODUCTION TO PROGRAMMING (ROP)  Credit:  5 Credits  2nd Semester only
Open to  16 years old
Prerequisite:  16 years old and completed Web Site Design Dev. (ROP)
UC Approved Yes

Description:  Introductory course designed to develop programming practices and techniques using the language features of Visual Basic, C++, Java and HTML. The course will begin with an introduction to programming logic and design. The HTML unit will include an introduction to JavaScript as well. Topics include graphical design of windows, programming event procedures and application development with multiple windows. Students will also have the opportunity to learn basic game programming techniques and will program several popular introductory games as working projects.

53H  AP COMPUTER SCIENCE  Credit:  10 Credits Year
Open to  Grade 10-12
Prerequisite:  Completion of any 2 AP or Honors classes with “B” or above or completion of Algebra II or above or teacher recommendation.
UC Approved Yes

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.
80Y  **Virtual Enterprise (ROP)**
Credit: 10 Credits  
Year:  
Open to: Grade 10-12  
Prerequisite: None  
UC Approved: Yes

**Description:** In this course, students will create and operate their own virtual business. They will determine the nature of the enterprise, its products, services, and management structure. In addition, students will research business opportunities, including application forms, interview styles, and requirements for prospective employees. They will also establish educational and career goals related to creating a business. Once the business is created, it will begin competing with other virtual companies nationwide. You will use Virtual Enterprise programs to conduct business with other student run businesses across the United States via the Internet.

510  **Sports & Entertainment Marketing (ROP)**
Credit: 10 Credits  
Year:  
Open to: Grade 10-12  
Prerequisite: None  
UC Approved: Yes

**Description:** This introductory course will help students develop an extensive understanding of marketing concepts and theories that apply to sports, entertainment and business. The areas covered in this course include: the basics of marketing, target marketing and segmentation, sponsorship, event marketing, promotion and marketing plans. It will also include college and amateur sports marketing, professional sports marketing, public image, the entertainment industry, entertainment marketing, and legal issues for sports and entertainment. Students taking this course will have the opportunity to participate in DECA (student marketing leadership organization) – DECA related activities and curriculum will also be used as part of this marketing class.
97A  P. E. 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  P.E 2
Credit:  10 Credits (2.5 per quarter)  Year
Open to  Grade 10-12
Prerequisite:  P.E. 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.

97H  ADAPTIVE P.E.
Credit:  5/10 Credits  Semester/Year
Open to  Grade 9-12
Prerequisite:  Prerequisite: Referral or placement through school nurse.
UC Approved  No

97V  MODIFIED P.E.
Credit:  5/10 Credits  Semester/Year
Open to  Grade 9-12
Prerequisite:  Prerequisite: Referral or placement through school nurse.
UC Approved  No

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

Description:  This course is designed to provide juniors and seniors with an opportunity to maintain and improve their physical fitness. Students will learn weight training concepts and techniques used for obtaining optimal physical fitness.

PHYSICAL FITNESS TESTING  9th Grade Only
Students are tested in the following six 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),  6). And Body Composition. Senate Bill 601 establishes the “passing” criteria as students must score in the “Healthy Fitness Zone” on five out of six of the above areas.
**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)

<table>
<thead>
<tr>
<th>Fall sports</th>
<th>Winter sports</th>
<th>Spring sports</th>
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</thead>
<tbody>
<tr>
<td>96Q Cross Country-Boys</td>
<td>96C Basketball-Boys</td>
<td>96P Baseball</td>
</tr>
<tr>
<td>96T Varsity Football</td>
<td>96I Soccer-Boys</td>
<td>99L Swim Diving-Girls</td>
</tr>
<tr>
<td>96U Sophomore Football</td>
<td>99M Soccer-Girls</td>
<td>99I Softball</td>
</tr>
<tr>
<td>99F Tennis-Girls</td>
<td>96K Wrestling</td>
<td>96E Track-Boys</td>
</tr>
<tr>
<td>99G Volleyball-Girls</td>
<td>99N Water Polo-Girls</td>
<td>99E Track-Girls</td>
</tr>
<tr>
<td>96G Water Polo-Boys</td>
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<td>96F Tennis/Boys</td>
</tr>
<tr>
<td>99J Field Hockey-Girls</td>
<td></td>
<td>96J Volleyball Boys</td>
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<tr>
<td>96S Surfing – Coed</td>
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<td>96R Golf Boys</td>
</tr>
<tr>
<td>99D Golf-Girls</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NON-DEPARTMENTAL**

**91G PRINCIPLES OF LEADERSHIP**
Credit: 10 Credits
Open to Grade 10-12
Prerequisite: Election or appointment to Student Body Office and approval of Assistant Principal
UC Approved: Yes

Description: Principles of leadership is a two semester course that promotes leadership skills, mentorship, and provides opportunities for students to build positive school culture.
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.

**91P  Peer Tutor**
- Credit: 5/10  
- Semester/Year
- Open to: Grade 11-12
- Prerequisite: Teacher recommendation. Student has completed the course in which they plan to act as a tutor. Good attendance/discipline record.
- UC Approved: No
  - Receive letter grade
  - 5 Credits per semester
  - Complete aide request form and contract
  - Minimum G.P.A. = 2.5 overall
  - Monitor by teacher

**57K  Lab Specialist:**
- Credit: 5/10  
- Semester/Year
- Open to: Grade 11-12
- Prerequisite: 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
- UC Approved: No
  - Receive letter grade
  - 5 Credits per semester
  - Minimum G.P.A. = 2.5 overall
  - Complete aide request form and contract
  - Monitor by teacher

**88A  Teacher Aide:**
- Credit: 5/10 (2.5 per quarter)  
- Semester/Year
- Open to: Grade 11-12
- 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

**88B  Office Aide:**
- Credit: 5/10 (2.5 per quarter)  
- Semester/Year
- Open to: Grade 11-12
- 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
CoastlineROP Fall 2017 Classes

ROP can help you get the experience you need to obtain your first job or prepare you to qualify for a better job. In addition, you will earn elective credits toward graduation. Many courses include "hands-on" internships in business and industry. For detailed class descriptions, see the Coastline ROP website at: www.coastlinerop.net

### Classes at Fountain Valley High School

<table>
<thead>
<tr>
<th>Class</th>
<th>Teacher</th>
<th>Period</th>
<th>Time</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art of Animation</td>
<td>Eich</td>
<td></td>
<td>8:00am-8:55am</td>
<td>5</td>
</tr>
<tr>
<td>Computer Graphics</td>
<td>Pash</td>
<td></td>
<td>12:30pm-1:48pm</td>
<td>5</td>
</tr>
<tr>
<td>Virtual Enterprise</td>
<td>McCance</td>
<td></td>
<td>9:02am-9:57am</td>
<td>5</td>
</tr>
<tr>
<td>Multimedia Comm. Design</td>
<td>Seals</td>
<td></td>
<td>9:02am-9:57am</td>
<td>5</td>
</tr>
<tr>
<td>Sports &amp; Entertainment Marketing</td>
<td>Alvaro</td>
<td></td>
<td>6:58am-7:53am</td>
<td>5</td>
</tr>
<tr>
<td>Sports Medicine</td>
<td>Kols</td>
<td></td>
<td>8:00am-8:55am</td>
<td>5</td>
</tr>
<tr>
<td>Visual Imagery</td>
<td>Seals</td>
<td></td>
<td>6:58am-7:53am</td>
<td>5</td>
</tr>
<tr>
<td>Pharmacy Tech</td>
<td>Santuri</td>
<td></td>
<td>12:53pm-1:48pm</td>
<td>5</td>
</tr>
<tr>
<td>Web Site Development</td>
<td>Bertoni</td>
<td></td>
<td>8:00am-8:55am</td>
<td>5</td>
</tr>
<tr>
<td>Emergency Medical Technician</td>
<td>Sherman</td>
<td></td>
<td>4:00pm-8:30pm</td>
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</tbody>
</table>

### Classes in HBUHSD

<table>
<thead>
<tr>
<th>Class</th>
<th>Location</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Entertainment Art</td>
<td>Huntington Beach</td>
<td>MW</td>
<td>3:00pm-5:45pm</td>
<td>5</td>
</tr>
<tr>
<td>Construction Technology</td>
<td>Marina</td>
<td>TTh</td>
<td>3:00pm-5:30pm</td>
<td>5</td>
</tr>
<tr>
<td>* Banking &amp; Financial Services Internship</td>
<td>Ocean View</td>
<td>MW</td>
<td>3:00pm-6:00pm</td>
<td>5</td>
</tr>
<tr>
<td>* Nurse Assistant Pre-Cert Internship</td>
<td>Ocean View</td>
<td>MTW</td>
<td>3:00pm-7:00pm</td>
<td>5</td>
</tr>
<tr>
<td>Culinary Arts</td>
<td>Ocean View</td>
<td>T</td>
<td>3:00pm-8:00pm</td>
<td>5</td>
</tr>
<tr>
<td>Baking &amp; Pastry Fundamentals</td>
<td>Valley Vista</td>
<td>W</td>
<td>3:30pm-8:30pm</td>
<td>5</td>
</tr>
<tr>
<td>Emergency Medical Responder</td>
<td>Valley Vista</td>
<td>M or T</td>
<td>4:00pm-8:30pm</td>
<td>5</td>
</tr>
<tr>
<td>* Careers w/Children Internship</td>
<td>Westminster</td>
<td>MW</td>
<td>3:00pm-6:00pm</td>
<td>5</td>
</tr>
<tr>
<td>Crime Scene Investigation</td>
<td>Westminster</td>
<td>TTh</td>
<td>6:30pm-9:15pm</td>
<td>5</td>
</tr>
<tr>
<td>Emergency Medical Responder</td>
<td>Edison</td>
<td>W</td>
<td>4:00pm-8:30pm</td>
<td>5</td>
</tr>
<tr>
<td>* Retail Sales &amp; Merchandising Internship</td>
<td>Westmin Mall</td>
<td>MW</td>
<td>4:30pm-7:30pm</td>
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</tbody>
</table>

### Classes in Surrounding Area

<table>
<thead>
<tr>
<th>Class</th>
<th>Location</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Animal Health Care Internship</td>
<td>ROP</td>
<td>MTWTh</td>
<td>4:00pm-7:00pm</td>
<td>10</td>
</tr>
<tr>
<td>* Business Internship</td>
<td>Estancia</td>
<td>MW</td>
<td>2:30pm-5:30pm</td>
<td>5</td>
</tr>
<tr>
<td>Dental Assistant Back Office Internship</td>
<td>ROP</td>
<td>MW</td>
<td>2:30pm-5:30pm</td>
<td>10</td>
</tr>
<tr>
<td>Dental Assistant Front Office</td>
<td>ROP</td>
<td>MW</td>
<td>5:45pm-8:45pm</td>
<td>5</td>
</tr>
<tr>
<td>Emergency Medical Technician</td>
<td>ROP</td>
<td>W or Th</td>
<td>4:00pm-9:00pm</td>
<td>10</td>
</tr>
<tr>
<td>Fire Science 101</td>
<td>ROP</td>
<td>T or W</td>
<td>4:00pm-9:00pm</td>
<td>5</td>
</tr>
<tr>
<td>Floral Design</td>
<td>ROP</td>
<td>TTh</td>
<td>3:15pm-6:15pm</td>
<td>5</td>
</tr>
<tr>
<td>* Medical Nursing Careers Internship</td>
<td>ROP</td>
<td>TTh</td>
<td>5:00pm-8:00pm</td>
<td>5</td>
</tr>
<tr>
<td>Engineering Innovations</td>
<td>ROP</td>
<td>TTh</td>
<td>3:30-6:30</td>
<td>5</td>
</tr>
</tbody>
</table>

* Indicates classes with internships.
Fountain Valley High School Flow Charts
Social Studies Flow Chart

9TH GRADE

GEOGRAPHY ELECTIVE

WORLD HISTORY

HONORS GEOGRAPHY ELECTIVE

10TH GRADE

AP EUROPEAN HISTORY

11TH GRADE

AP U S HISTORY

12TH GRADE

GOVERNMENT

AP U S HISTORY

AP GOVERNMENT

SOCIAL PSYCHOLOGY ELECTIVE

AP PSYCHOLOGY ELECTIVE
Honors/ AP students who do not earn a grade of B or higher will be enrolled in CP English.

*Summer reading/ assignment will be required for Honors/ AP Courses
Fountain Valley High School 2017-2018 Math Flow Chart
Refer to the FVHS Registration Handbook for prerequisites and course descriptions

9th Grade
- Acc Geometry

10th Grade
- Algebra 2 & Trig.
- Algebra 2A/B

11th Grade
- Precalc Honors
- Precalculus
- AP Computer Science Principles
- Prob/Stat & Trigonometry

12th Grade
- AP Calculus B/C
- AP Calculus A/B
- AP Statistics
- AP Computer Science Principles
- Precalc Honors
- Precalculus
- Prob/Stat & Trigonometry

Algebra Prep
- Algebra 1A/B
- Geometry A/B
- Algebra 2A/B
- Consumer Math

Minimum grade of C to advance to next course; exception noted by * (B or above)

** Juniors taking AP Computer Science Principles may also take AP Computer Science A in 12th grade
Students should read at grade level or higher to take French, Japanese, or Spanish. 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**

**LEVEL 1**

- **INTRO TO ART**
  - ART 1
  - ART 2
  - ART 3
  - CERAMICS 1
  - CERAMICS 2
  - CERAMICS 3
  - ANIMATION / CARTOONING
  - ANIMATION 2
  - PHOTO 1
  - PHOTO 2

**LEVEL 2**

- Portfolio review

  - bypass level 2

**LEVEL 3**

- Art History
  - AP STUDIO 3-DIMENSION
  - AP DIGITAL STUDIO DESIGN
  - AP ART HISTORY
  - AP ART HISTORY (See page 28)
  - AP STUDIO DRAWING & PAINTING

All students are welcome in any course regardless of major provided they meet the prerequisite.

Students may bypass a level through instructor evaluation and recommendation (portfolio review).

** This is a semester class paired with health, does not meet uc/csu requirement, meets elective credit for graduation.

---

### Careers in the Arts

<table>
<thead>
<tr>
<th>TV Graphics Artist</th>
<th>Story Board Artist</th>
<th>Product Design</th>
<th>Medical Illustrator</th>
<th>Costume Designer</th>
<th>Magazine Art Designer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertising</td>
<td>Culinary Artist</td>
<td>Art Teacher</td>
<td>Architect</td>
<td>Glass</td>
<td>Interior Design</td>
</tr>
<tr>
<td>Art Dealer</td>
<td>Game Design</td>
<td>Film Animator</td>
<td>Fine Artist</td>
<td>Jewelry</td>
<td>Art Director</td>
</tr>
<tr>
<td>Book Illustrator</td>
<td>SGT Designer</td>
<td>Character Developer</td>
<td>Digital Media</td>
<td>General Illustrator</td>
<td>Pottery</td>
</tr>
</tbody>
</table>
Performing Arts Flow Chart

**Level 1**
- **Instrumental Music**
  - String Orchestra (Instrumental 1)
  - Band/Winds (Instrumental 1)
  - Percussion (Instrumental 1)
  - Flag Ensemble (Level 1)

**Level 2**
- **Music Theory**
- **Vocal Music**
  - Voice (Tunewers: Females)
  - Musicianship (Baron Choir: Male)
  - Chorus 2 (Choral Choir: Mixed)

**Level 3**
- **String Orchestra (Advanced/Honors)**
- **Band/Winds (Advanced/Honors)**
- **Percussion (Advanced/Honors)**
- **Flag Ensemble (Advanced)**

*Concurrent with Marching Band/PE*

---

**Sample Career Opportunities**

**Careers in Music (Instrumental & 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/adapter, film conductor, film music orchestrator, synthesis specialist, theme specialist
- **Electronic Production and Design**
  - MIDI technician, programmer, performing synthesist, music sequencer, sound designer
- **Musical Performance**
  - Vocal/instrumental soloist, session musicians, 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 Theater**
- **A director** - works to put all theatrical aspects together in order to pull off a successful play. Follow the link above and you will be taken to a producer.
- **A producer** - works closely with the director to develop ideas on how to make the production successful. Follow the link above and you will be taken to a Quick Time Movie that explains the job functions of a producer.
- **An actor** - uses physical and emotional characteristics to identify a character they are portraying.
- **A set designer** - uses props and creates backgrounds to bring scenes to life.
- **A costume designer** - creates and designs appropriate ensembles for each individual character of a cast.
- **A makeup artist** - enhances the physical appearance of a character by applying different types of make-up, presentations, and newspaper and magazine articles.
- **A sound technician** - uses his or her knowledge of sound to make a production audible.
- **A light technician** - assists in the work of lighting that goes on during the play, helps to create a specific mood and setting for each scene.
Business Department Course Sequence
2017-2018

* Courses can be taken stand alone, or as a pathway course of study.

**Entrepreneurship Pathway**
- Virtual Enterprise I
- Sports & Entertainment Marketing (ROP)
- Virtual Enterprise II (ROP)

**Software Development Pathway**
- New Media (Semester)
- Introduction to Computer Programming & Web Design (ROP)
- AP Computer Science A

**Legal Practices Pathway**
- Criminal Law (Semester)
- Business Law (Semester)
- Administration of Justice (ROP)
- Crime Scene Investigation (ROP)
SEQUENCING OF THE CONSUMER AND FAMILY STUDIES CAREER PATHWAYS

**CULINARY**
- Core Classes:
  - Intro to Design Elements - 9th only
  - Life Management 1 9th only
  - Life Management 2 11 – 12 only
- Specialized Classes:
  - Culinary Arts 1 **
    - 10 - 12
  - Advanced Culinary Arts & Mgmt **
    - 10 - 12
- ROP Classes:
  - Baking & Pastry
  - Hotel & Tourism Internship

**FASHION**
- Core Classes:
  - Intro to Design Elements - 9th only
  - Life Management 1 9th only
  - Life Management 2 11 – 12 only
- Specialized Classes:
  - Fashion Design *
    - 9 -12
  - Fiber Arts & Design *
    - 9 - 12
- ROP Classes:
  - Retail Sales & Merchandising
  - Costume Design
  - Careers in Fashion

**INTERIOR DESIGN**
- Core Classes:
  - Intro to Design Elements - 9th only
  - Life Management 1 9th only
  - Life Management 2 11 – 12 only
- Specialized Classes:
  - Environmental Design *#
    - 9 - 12
  - Adv. Environmental Design *
    - 11 - 12
- ROP Classes:
  - Interior Design
  - Computer Aided Drafting (CAD)

---

**Economics 12th Grade Only**

**Developmental Psychology of Children** **- 11-12**

ROP Careers in Education
ROP Careers with Children

* Approved for UC/CSU
** Approved for UC/CSU
# Approved for UC/CSU
a-g requirement "f" VPA
a-g requirement "g" elective

---

**CAREERS**

- Interior Designer
- Space Planner
- Set Designer
- Kitchen / Bath Designer
- Architect
- Lighting Designer
- Restaurant Supervisor
- Food Science Technician
- Community Nutrition Assistant
- Chef
- Catering
- Hotel Management
- Sales, Marketing & Event Specialist
- Fashion Designer
- Fashion Illustrator
- Image / Fashion Consultant
- Assistant Costume Designer
- Stylist
- Preschool Teacher
- Preschool Administrator
- Elementary Teacher
- Educational Psychologist
- Marriage, Family, Child Counselor
- Resource Management
- Consumer Affairs / Communication
- Private, Gov’t, Non-Profit Organizations
- Consumer Services

**ADVANCED EDUCATION**

- Certificate Programs at Orange Coast College
- Cypress College
- Four Year College or University
- CSU / UC / Pomona
- Private Post-Secondary
- Programs / Training
- Culinary Academies
- FIDM
- Interior Design Institute
For Additional Assistance.....

The HBUHSD "Planning Guide for Parents and Students" will be distributed to students in August. 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.

<table>
<thead>
<tr>
<th>PRINCIPAL</th>
<th>Dr. Morgan Smith</th>
<th>ext. 4401</th>
<th><a href="mailto:msmith@hbuhsd.edu">msmith@hbuhsd.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Principal, Activities</td>
<td>Mr. Josh Lamar</td>
<td>4408</td>
<td><a href="mailto:jlamar@hbuhsd.edu">jlamar@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Assistant Principal, Supervision</td>
<td>Mr. Mark Trocchio</td>
<td>4406</td>
<td><a href="mailto:mtrocchio@hbuhsd.edu">mtrocchio@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Assistant Principal, Curriculum</td>
<td>Mrs. Eva White</td>
<td>4403</td>
<td><a href="mailto:emwhite@hbuhsd.edu">emwhite@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Assistant Principal, Guidance</td>
<td>Mrs. Nancy Peterson</td>
<td>4404</td>
<td><a href="mailto:npeterson@hbuhsd.edu">npeterson@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Athletic Director</td>
<td>Dennis Piramo</td>
<td>4285</td>
<td><a href="mailto:dpiramo@hbuhsd.edu">dpiramo@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Guidance Specialist</td>
<td>Clint Walters</td>
<td>A-Gh</td>
<td><a href="mailto:cwalter@hbuhsd.edu">cwalter@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Guidance Specialist</td>
<td>Lindsey Gonzalez</td>
<td>Gi-Mel</td>
<td><a href="mailto:lgonzalez@hbuhsd.edu">lgonzalez@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Guidance Specialist</td>
<td>Nga Doan</td>
<td>Mem-Roc</td>
<td><a href="mailto:ndoan@hbuhsd.edu">ndoan@hbuhsd.edu</a></td>
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<tr>
<td>Guidance Specialist</td>
<td>Lynn McCall</td>
<td>Rod-Z</td>
<td><a href="mailto:lmccall@hbuhsd.edu">lmccall@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Counselor</td>
<td>Marilyn Wong</td>
<td>4470</td>
<td><a href="mailto:mwong@hbuhsd.edu">mwong@hbuhsd.edu</a></td>
</tr>
<tr>
<td>Career/College Specialist</td>
<td>Michaela Wakeman</td>
<td>4435</td>
<td><a href="mailto:mwakeman@hbuhsd.edu">mwakeman@hbuhsd.edu</a></td>
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<tr>
<td>ROP Career Specialist</td>
<td>Marvene Sanders</td>
<td>4436</td>
<td><a href="mailto:msanders@hbuhsd.edu">msanders@hbuhsd.edu</a></td>
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