# LIST OF COURSE OFFERINGS BY SCHOOL

## LEGEND

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>[AP]</td>
<td>Advanced Placement Course / Meets UC/CSU Requirements</td>
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<tr>
<td>BL</td>
<td>Bilingual Speaker Course</td>
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<tr>
<td>ELD</td>
<td>English Language Development Course</td>
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<tr>
<td>[H]</td>
<td>Honors Level Course / Meets UC/CSU Requirements</td>
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<tr>
<td>[P]</td>
<td>College Preparatory Course / Meets UC/CSU Requirements</td>
</tr>
<tr>
<td>ROP</td>
<td>Regional Occupational Program Course</td>
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<tr>
<td>SL</td>
<td>Sheltered English Course—also known as Specially-Designed Academic Instruction English (SDAIE)</td>
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DE ANZA HIGH SCHOOL

Digital Arts Designs the Web1 [P]
Domestic Life Skills

Economics SL [P]
Economics [P]
ELD 1A
ELD 1B
ELD 2A
ELD 2B
ELD 3A
ELD 3B
ELD 4 [P]
English 1 [P]
English 2 [P]
English 3 [P]
English Skills
Environmental Science I [P]
Environmental Science II [P]

Foun Cul Geog
French 1 [P]
French 2 [P]
French 3 [P]
French 4 [H]
Functional Academic English Skills
Functional Academic Skills

Geometry SL [P]
Geometry [P]

Health Recs & Computer Apps [DE]
Health Science Emergency Medicine [P]

Internet Engineering 1 [P]
Internet Engineering 2 [P]
Intro to Law [P]

Jazz Dance 1 [P]
Jazz Dance 2 [P]
Journalism 1 [P]
Journalism 2 [P]

Law & Democracy [DE]
Law & Justice [P]

Mandarin 1 [P]
DE ANZA HIGH SCHOOL

Mandarin 2 [P]
Math Skills
Math Support I
Medical Terminology [DE]
Music Appreciation

O
One Goal 101 [P]
One Goal 201 [P]

P
PE Core Prgm -Gr9
PE Core Program
PE Conditioning
PE Weight Training
Percussion Ensemble [P]
Personal Care Skills
Physics [P]
Physiology [P]
Pre-Calculus [H]
Probability & Statistics [P]
Psychology [P]

R
Recreation and Leisure Skills

S
Skills for Success
Spanish 1 [P]
Spanish 2 [P]
Spanish 3 [P]
Spanish 4 [H]
Spanish for Spanish Speakers 1 [P]
Student Advocacy
Student Assistant

T
Theater 1 [P]
Theater 2 [P]
Theater Advance [P]
Tutorial

U
US History SL [P]
US History [P]

V
Vocational Educational Skills

W
Web Page Design 1.2 [DE]
World Hist SL [P]
World History
World History [P]

EL CERRITO HIGH SCHOOL

Y
Yearbook

A
Adaptive Phys Ed
Advanced Media Communication [P] ROP
Algebra 1 SL [P]
Algebra 1 [P]
Algebra 2 [P]
All Skills
American Government [P]
American Government SL[P]
AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Computer Science A
AP English Language and Composition
AP English Literature and Composition
AP Environmental Science
AP French Language
AP Government & Politics United States
AP Japanese Language and Culture
AP Psychology [P]
AP Spanish Language
AP Studio Art: Drawing
AP United States History
App Res Methods For Cont Issues [P]
AP World History BL [P]
Art Advanced [P]
Art of Video Productions (ROP)
ASB Leadership [P]

B
Band Symphonic [P]
Begin Art [P]
Biology SL [P]
Biology [P]
Broadcast Journalism [ROP]

C
Career Guidance
Ceramics 1 [P]
Chemistry [P]
Community Based Skills Instruction
Concert Band [P]
Creative Writing [P]
CSU Expository Reading and Writing

D
Dance Composition 1 [P]
Dance Production [P]
Digital Art Designs the Web 1 [P]
EL CERRITO HIGH SCHOOL

Digital Arts Web Design I (ROP)
Domestic Life Skills

E
- Economics SL [P]
- Economics [P]
- ELD 1A
- ELD 1B
- ELD 2A
- ELD 2B
- ELD 3A
- ELD 3B
- ELD 4 [P]
- English 1 [P]
- English 2 [P]
- English 3 [P]
- English 4 [P]
- Ethnic Studies [P]

F
- Financial Literacy [P]
- Foun Cul Geo BL [P]
- Foun Cul Geog [P]
- Found Cul Geog SL [P]
- French 1 [P]
- French 2 [P]
- French 3 [P]
- French 4 [H]
- Functional Academic English Skills
- Functional Academic Math Skills
- Functional Academic Skills

G
- Generic English
- Geometry SL [P]
- Geometry [P]
- Gnrc Soc Sci [P]
- Gnrc Sci-Life [P]

I
- Info Systems Design & Management 2 (ROP)
- Information Systems Design & Mngmt (ROP)

J
- Japanese 1 [P]
- Japanese 2 [P]
- Japanese 3 [P]
- Japanese 4 [H]
- Jazz Band [P]
- Jazz Dance 2 [P]
- Jazz Ensemble [P]

M
- Math
- MultiMedia [P]

O
- One Goal 101 [P]

P
- P. E.
- PE Core Prgm -Gr9
- PE Weight Trainin
- Photography [P]
- Photography Advanced [P]
- Physical Science
- Physics of the Universe [P]
- Physics [H]
- Physiology [P]
- Pre-Calculus [H]
- Probability & Statistics [P]

R
- Recreation and Leisure Skills

S
- Skills For Living
- Spanish 1 [P]
- Spanish 2 [P]
- Spanish 3 [P]
- Spanish 4 [H]
- Student Assistant

T
- Theater 1 [P]
- Theater 2 [P]
- Theater Advance [P]
- Tutorial

U
- US History BL [P]
- US History SL [P]
- US History [P]

V
- Vocational Educational Skills

W
- Wind Ensemble [P]
- Work Experience
- World History BL [P]
- World History SL [P]
- World History [P]
- World War II [P]

Y
- Yearbook
### HERCULES HIGH SCHOOL

<table>
<thead>
<tr>
<th>Letter</th>
<th>Courses</th>
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</table>
| **A**  | Adv Visual Arts [P]  
Algebra 1 [P]  
Algebra 1 SL [P]  
Algebra 2 [P]  
Amer Govt [P]  
American Gov SL [P]  
Anatomy & Physiology [P]  
AP Calculus AB  
AP Chemistry  
AP Computer Science A [H]  
AP Computer Science Principles [P]  
AP English Language and Composition  
AP English Literature and Composition  
AP Environmental Science  
AP Government & Politics United States  
AP Psychology [P]  
AP Spanish Language  
AP Statistics  
AP Studio Art: 2-D Design  
AP United States History  
AP World History  
App Res Methods For Cont Issues [P] |
| **B**  | Band Beginning [P]  
Band Symphonic [P]  
Begin Art [P]  
Biology [P]  
Biology SL [P] |
| **C**  | Chemistry [P]  
Chemistry SL [P]  
Community Based Skills Instruction  
Computer Science Essentials PLTW [P]  
Concert Choir [P] |
| **D**  | Dance Production [P]  
Digital Photography (ROP)  
Domestic Life Skills |
| **E**  | Economics  
Economics [P]  
Economics SL [P]  
ELD 3A  
ELD 4 [P]  
Eng/Read (R180)  
English 1 [P]  
English 2 [P]  
English 3 [H] |
| **F**  | French 1 [P]  
French 2 [P]  
French 3 [P]  
French 4 [H]  
Functional Academic Skills  |
| **G**  | Geometry [P]  
Geometry SL [P]  
Govt & Politics US |
| **J**  | Jazz Dance 1 [P]  
Jazz Dance 2 [P] |
| **M**  | Medical Careers [P] |
| **O**  | Orchestra [P]  
Orchestra Advanced [P] |
| **P**  | PE Core Prgm -Gr9  
PE Individual Sprt  
PE Weight Trainin  
Personal Care Skill  
Physics [P]  
Play Production (ROP)  
Pre Calculus [P]  
Probability & Statistics [P]  
Psychology [P]  
Publications  |
| **R**  | Recreation and Leisure Skills  
Rehabilitation Therapy Services [P] |
| **S**  | Spanish 1 [P]  
Spanish 2 [P]  
Spanish 3 [P]  
Spanish 4 [H] |
| **T**  | Theater 1 [P]  
Tutorial |
| **U**  | US History [P]  
US History SL [P] |
## HERCULES HIGH SCHOOL

### V
Vocational Educational Skills

### W
World History
- World History [P]
- World History SL [P]

## JOHN F. KENNEDY HIGH SCHOOL

### A
- Algebra 1 [P]
- Algebra 1 SL [P]
- Algebra 2 [P]
- Algebra 2 SL [P]
- Amer Govt [P]
- American Gov SL [P]
- AP English Language and Composition
- AP English Literature and Composition
- AP Environmental Science
- AP Government & Politics United States
- AP Psychology [P]
- AP Spanish Language
- AP Spanish Literature
- AP Statistics
- AP Studio Art: Drawing
- AP United States History
- Art Advanced [P]
- ASB Leadership [P]

### B
- Band Beginning
- Band Symphonic [P]
- Begin Art [P]
- Beginning Piano [P]
- Biology [P]
- Biology Science
- Biology SL [P]

### C
- Chemistry SL [P]
- Chemistry [P]
- College and Career Readiness [P]
- Community Based Skills Instruction
- Computer Apps
- Construction Tech [P]
- CSU Expository Reading and Writing

### D
- Dance Production [P]
- Digital Arts Designs the Web 1 [P]

### E
- Economics SL [P]
- Economics [P]
- ELD 1A
- ELD 1B
- ELD 2A
- ELD 2B
- ELD 3A
- ELD 4 [P]
- Engineer Your World [P]
- English
- English 1 [P]
- English 2 [P]
- English 3 [P]
- English 4 [P]

### F
- French 1 [P]
- French 2 [P]
- French 3 [P]
- French 4 [H]
- Functional Academic Skills

### G
- Generic Fine Arts
- Generic Math
- Generic Social Sci
- Geometry P]
- Geometry SL [P]
- Graphics & Digital Arts [P]
- Guitar Beginning [P]

### H
Health Science

### I
- Info Systems Design & Management 2 (ROP)
- Information Systems Design & Mngmt (ROP)

### J
- Jazz Band [P]
- Jazz Dance 1 [P]
- Jazz Dance 2 [P]

### M
Math

### P
- PE Core Prgm -Gr9
- PE Core Program
- Weight Trainin
- PE: Athletics
- PE: Conditioning
- Personal Care Skills
- Physics [P]
### JOHN F. KENNEDY HIGH SCHOOL

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<th>Course</th>
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<td>Spanish for Spanish Speakers 1 [P]</td>
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<td>Spanish for Spanish Speakers 2 [P]</td>
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<td>Tutorial</td>
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<td>US History [P]</td>
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<td>US History SL [P]</td>
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### Vocational Educ

<table>
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### MIDDLE COLLEGE HIGH SCHOOL

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<td>African American 110</td>
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<td>Algebra 2 Trig [P]</td>
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<td>Anthro 140 CCC</td>
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<td>Concepts of Criminal Law [P]</td>
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<td>Counseling 120 CCC</td>
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<td>Geometry [P]</td>
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<td>Gnrc Fine Arts [P]</td>
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MIDDLE COLLEGE HIGH SCHOOL

Math 191 CCC
Math 290 CCC
Math 292 CCC
Minorities in Amer

P
PE Core Program
PE Conditioning
PE Individual Sprt
Physics 110 CCC
Physics [P]
Political Science 125 CCC
Pre-Calculus [H]
Psychology 220 CCC

S
Senior Project
Skills For Success
Sociology 220 CCC
Spanish 1 [P]
Spanish 2 [P]
Spanish 3 [P]
Speech 120 CCC
Speech 122 Contra Costa College

T
Theater 1 [P]
Theater Production

U
US History [P]

W
World History [P]

PINOLE VALLEY HIGH SCHOOL

A
Adv Visual Arts [P]
Advanced Photography (ROP)
Advanced Piano [P]
African Am Lit [P]
Algebra 1 [P]
Algebra 1 SL [P]
Algebra 2 SL [P]
Algebra 2 Trig [P]
Algebra 2 [P]
Am Sign Lang 1 [P]
Am Sign Lang 2 [P]
Amer Govt [P]
American Gov SL [P]
American Sign Language 3 [P]

American Sign Language IV [H]
AP Biology
AP Calculus AB
AP Computer Science Principles [P]
AP English Language and Composition
AP English Literature and Composition
AP Government & Politics United States
AP Spanish Language
AP Statistics
AP Studio Art: 2-D Design
AP Studio Art: Drawing
AP United States History
ASB Leadership [P]

B
Band Symphonic [P]
Begin Art [P]
Beginning Piano [P]
Biology [P]
Biology Accel [P]
Biology SL [P]
Biomedical Science [P]

C
Career Guidance
Ceramics 1 [P]
Chemistry [P]
Chemistry SL [P]
Civil Engineering & Architecture (PLTW)
Computer Integrated Manufacturing [P]
Computer Programming ROP
Concert Band [P]
Concert Choir [P]
Criminal Justice [P]
CSU Expository Reading and Writing

D
Daily Living Skill
Digital Arts Designs the Web 1 [P]
Domestic Life Skills

E
Economics [P]
ELD 1A
ELD 1B
ELD 2A
ELD 2B
ELD 3A
ELD 4 [P]
Eng/Read (R180)
English 1 [P]
English 2 [P]
English 3 [H]
English 3 [P]
English I Adv [P]
English II Adv [P]
**PINOLE VALLEY HIGH SCHOOL**

**F**
- Functional Academic English Skills
- Functional Academic Life Science Skills
- Functional Academic Math Skills
- Functional Academic Skills
- Functional Academic Social Studies Skills

**G**
- Geometry [P]
- Geometry SL [P]

**H**
- Human Body Systems (PLTW) (ROP)

**I**
- Intro to Law [P]
- Intro to Engineering Design (PLTW)

**J**
- Jazz Ensemble [P]
- Journalism 1 [P]

**L**
- Latin 1 [P]
- Latin 3 [P]
- Latin 2 [P]
- Law & Justice [P]
- Law Enforcement Careers ROP

**M**
- Medical Interventions (PLTW)
- Mex-Amer Lit [P]

**P**
- PE Core Prgm - Gr9
- PE Sports Non-Cont
- PE Weight Trainin
- Photography [P]
- Physics of the Universe [P]
- Physics [H]
- Physics [P]
- Pre-Calculus [H]
- Pre-Calculus [P]
- Principles of Engineering (PLTW)
- Principles of the Biomedical Sciences [H] PLTW
- Probability & Statistics [P]
- Psychology [P]
- Publications ROP [P]

**R**
- Recreation and Leisure Skills

**S**
- Spanish 1 [P]
- Spanish 2 [P]
- Spanish 3 [P]
- Spanish 4 [H]
- Sports Medicine (ROP)
- Student Assistant

**T**
- Theater 1 [P]
- Theater 2 [P]
- Theater Advance [P]
- Tutorial

**U**
- US History [P]
- US History SL [P]

**W**
- Work Experience
- World Hist SL [P]
- World History [P]

**RICHMOND HIGH SCHOOL**

**A**
- Academic English Essentials [P]
- Adaptive Phys Ed
- Advanced Media Communication [P]
- Algebra 1 [P]
- Algebra 2 SL [P]
- Algebra 2 [P]
- Amer Govt [P]
- American Gov Sl[P]
- Analytical Forensic Science [P]
- AP Calculus AB
- AP English Literature and Composition
- AP Environmental Science
- AP Macroeconomics
- AP Microeconomics
- AP Spanish Language
- AP United States History
- Art Advanced [P]
- Art of Video Production (ROP)
- ASB Leadership

**B**
- Band Beginning [P]
- Band Symphonic [P]
- Begin Art [P]
- Biology Accel [P]
- Biology SL [P]
- Biology [P]
- Broadcast Journalism (ROP)

**C**
- Chemistry SL [P]
- Chemistry [P]
# RICHMOND HIGH SCHOOL

| Community Based Skills Instruction |
| Computer Graphic Arts ROP [P] |
| Comp Sci Software Eng (PLTW) |
| Computer Integrated Manufacturing [H] PLTW |
| Computer Science [P] |
| Concert Band [P] |
| Constitutional Law Advanced [P] |
| Creative Writing [P] |
| CSU Expository Reading and Writing |

| Dance Production [P] |
| Digital Arts Designs the Web1 [P] |
| Domestic Like Skills |

| Economics SL [P] |
| Economics [P] |
| ELD 4 [P] |
| Eng/Read (R180) |
| English 1 [P] |
| English 2 [P] |
| English 3 [P] |
| English Skills |
| Ethnic Studies [P] |

| Financial Literacy [P] |
| Found Cul Geog [P] |
| Functional Academic Life Science |
| Functional Academic Math Skills |
| Functional Academic Skills |
| Functional Academic Social Studies |

| Geometry SL [P] |
| Geometry [P] |

| Intro to Law [P] |
| Introd To Engineering Design (PLTW) [P] |
| Introduction to Health Careers [P] |

| Jazz Band [P] |
| Jazz Dance 1 [P] |
| Jazz Dance 2 [P] |
| Journalism 1 [P] |

| Law & Justice [P] |

| Marching Band I [P] |
| Mind Matters [P] |
| OneGoal 101 [P] |
| Orchestra [P] |

| PE Core Prgm -Gr9 |
| PE Core Program |
| PE Team Sports |
| PE Weight Trainin |
| Personal Care Skills |
| Photography Advanced [P] |
| Photography [P] |
| Physics [P] |
| Physiology [P] |
| Play Production (ROP) |
| Pre-Calculus [H] |
| Principles of Engineering (PLTW) |
| Probability & Statistics [P] |
| Psychology [P] |
| Public Health Solutions [P] |

| Race & Film Studies [P] |
| Recreation and Leisure Skills |

| Set Design & Construction [P] |
| Spanish 1 [P] |
| Spanish 2 [P] |
| Spanish 3 [P] |
| Spanish 4 [H] |
| Sports Medicine (ROP) |
| Student Assistant |

| Technical Theatre 1 [P] |
| Tutorial |

| U.S. History & Public Health [H] |
| Urban Agriculture |
| US History SL [P] |
| US History [P] |

| Vocational Educational Skills |

| Women’s Studies [P] |
| World Hist SL [P] |
| World History [P] |

| Yearbook |
SYLVESTER GREENWOOD ACADEMY

A
Academic Tutorial
Algebra 1 [P]
Amer Govt [P]

B
Begin Art [P]
Biology [P]

C
Chemistry [P]
College and Career Readiness [P]
Computer Apps

E
Economics [P]
ELD 3B
ELD 4
English 1 [P]
English 2 [P]
English 3 [P]
English 4 [P]

G
Geometry [P]
Graphic Arts [P]

P
PE Conditioning

T
Tutorial

U
US History [P]

W
World History [P]

VISTA HIGH SCHOOL

A
African Am Lit [P]
Algebra 1 [P]
Algebra 2 [P]
Amer Govt [P]
AP English Language and Composition
Art Advanced [P]

B
Begin Art [P]
Biology [P]

C
Chemistry [P]
College and Career Readiness [P]
Computer Apps
Computer Science [P]
Concert Choir [P]
Creative Writing [P]
CSU Expository Reading and Writing

E
Economics [P]
ELD 3A
ELD 4 [P]
English 1 [P]
English 2 [P]
English 3 [P]
English 4 [P]
English/Reading
Environmental Science I [P]
Environmental Science II [P]

F
Family Life Education
Foods and Nutrition I
Foundations: Cultural Geography [P]
French 1 [P]
French 2 [P]
French 3 [P]

G
Geography [P]
Geometry [P]

H
Homeroom/Advisory

I
Introduction to Law [P]
### Laboratory Assistant
- Law and Justice [P]

### Math Academic Support
- Math [P]

### PE
- P. E.
- PE Aerobics
- PE Core Prgm -Gr9
- PE Individual Sports
- PE Team Sports
- PE Weight Trainin
- Photography [P]
- Physical Science [P]
- Physics [H]
- Physiology [P]
- Pre-Calculus [H]
- Psychology [P]

### SAT Preparation
- Service Learning
- Spanish 1 [P]
- Spanish 2 [P]
- Spanish 3 [P]
- Spanish 4 [H]
- Student Assistant

### US History [P]

### Work Experience
- World History [P]

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**LEGEND**

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LIST OF COURSE OFFERINGS
CONTENT SUBJECT AREAS

CAREER TECHNOLOGY EDUCATION

Art of Video Production (ROP)
Course ID #: 2015R
Grades: 12
Course Length: Half Year
Graduation: Satisfies high school elective requirement for graduation
Description: Students acquire the visual arts skills to create quality video productions. There will be an emphasis on the principles of communication (speech, language, and writing) and organizational skills. The course includes aesthetics, cultural aspects and the history of television and video production. The course begins with a comparison of the mediums of film, television and video. Students learn the basic skills to product their own videos and then take an in-depth look at the nature of video communication. After exploring aspects of pre-production and script writing, students learn more complex skills associated with camera-work, lighting, and sound. They study the arts of directing and editing, applying them to produce a variety of projects for the teacher, themselves and the school.

Computer Applications
Course ID #: 30950
Grades: 10-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation
Description: Computer Applications is a hands-on introduction to computer hardware and software that focuses on the Microsoft Office Suite (word processing, spreadsheets, and databases). Class assignments are focused directly on keyboard performance, basic desktop publishing tasks and expectations that students may encounter in the classroom and workplace.

Computer Programming (ROP)
Course ID #: 3055R
Grades: 11-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation
Meets the UC/CSU (g) requirement
Description: Students learn object-oriented programming language. Instruction includes problem-solving and algorithm development, as well as data structures and design. This course is designed to provide the skills for an entry-level position in computer programming or provide a foundation for further studies in computer science at the college level.

Constitutional Law Advanced [P]
Course ID #: 75468
Grades: 11-12
Course Length: Half Year
Graduation: Satisfies UC/CSU (A) and elective graduation requirements
Description: Constitutional Law challenges students to become experts on the United States Constitution and to view the American political landscape through a Constitutional lens. This course will focus on the policy making institutions established in first three Articles of the Constitution: Congress, the Presidency, and the Federal Judiciary. Furthermore, this course will examine how the Constitution allows for linkage institutions (media, interest groups, political parties, and elections) that connect the American people to the federal government. Students will develop critical thinking skills including decision-making, public speaking, and analysis in the areas of domestic policy (e.g. the federal budget) and foreign policy (e.g. wars and armed conflicts).

Construction Technology
Course ID #: 21230
Grades: 10-12 (must be 16 years of age or older)

Course Length: Year
Graduation: Satisfies elective requirement for WCCUSD graduation
Description: Students have hands-on opportunities to learn all phases of basic residential construction, including carpentry, drawing and reading blueprints, drywall, electrical, flooring, painting, plumbing, roofing, tile setting, and welding. Students will make practical application at a field-site construction project.

Digital Photography (ROP)
Course ID #: 8271R
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Photography allows students to increase their visual perceptions and provides a medium for creative expression. Students will use software programs to create artful digital images and they will learn the history of photography and the use of digital images in advertising and commercials. They will also critique and create a portfolio.

Digital Arts Web Design 1 (ROP)
Course ID #: 2117R
Meets the UC/CSU (f) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Digital Arts: Designs for the Web 1 is a college preparatory course integrating the California Visual and Performing Arts Standards. This sequence of classes will enable students to achieve an understanding and appreciation of artistic expression and be able to use that expression to enhance communication. Students will create original digital art using new and contemporary media techniques. Outside research is part of the curriculum. Students are required to critique their work and the works of others and maintain portfolios of their artwork and writing. Integrated throughout the course are career preparation standards as well as visual art and academic standards.

Digital Art, Design for the Web 1 [P]
Course ID #: 24900
Meets the UC/CSU (f) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: The course is designed to provide the necessary skills and training for an entry-level position in the field of Web Design. The class will focus on Web page planning, basic design, layout, construction, setup and maintenance of a Web site, including the use of HTML, CSS, and JavaScript, and various Web pages and image creation tools, such as Dreamweaver, Photoshop, and Illustrator. This course may be taught in either a PC or a Macintosh environment; all skills are transferable between the two systems. Integrated throughout the course are career technical education standards which include basic academic skills, communication, career planning, technology, problem-solving, safety, responsibility, ethics, teamwork, and technical knowledge.

Health Rec & Computer Apps [DE]
Course ID #: 628DF
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Half Year
Prerequisite: Medical terminology [DE]
Graduation: Satisfies UC/CSU and high school elective requirement for graduation
Description: Contra Costa College Department & Number: MEDIC 206, Course Title: EHRs and Computer Applications. This course was selected to be used as a Dual Enrollment Course for students in the Health Pathway.

This course navigates students through the operations of a web-based Electronic Health Records (EHR) and Total Practice Management system. Students will be able to create and
Human Body Systems (PLTW)(ROP)
Course ID # 6765R
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU (d) and high school requirement for graduation.
Description: This course prepares students for entry-level positions in the Bio-Medical Sciences and training in Human Anatomy and Human Body Systems. Students examine the interaction of body systems and design experiments, and investigate the structures and functions of the human body.

Internet Engineering 1 [P]
Course ID # 24805
Meets the UC/CSU (g) requirement
Grades: 11
Course Length: Year
Graduation: Satisfies UC/CSU and high school elective requirement for graduation.
Description: This course engages students with studies of the history and implications of network communications; the protocols which make the Internet possible; how networks provide accessibility to services; and college and career preparation in the ICT field. This course integrates the theory and application of network communications, and exposes students to media that invites them to consider how Internet engineers think, design, and solve problems. Students have several opportunities to produce college-ready writing, collaborate, research, develop study skills and develop 21st century skills in this course.

Internet Engineering 2 [P]
Course ID # 24810
Meets the UC/CSU (g) requirement
Grades: 12
Course Length: Year
Graduation: Satisfies UC/CSU and high school elective requirement for graduation.
Description: This course is follow up course to Internet Engineering 1. It is designed to prepare students for postsecondary success in the Information and Communication Technologies (ICT) field. Students will learn how networks communicate with one another, methods used to increase scalability, reliability, and security in the modern network.

Introduction to Engineering Design (PLTW)[P]
Course ID # 6878R
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school elective requirement for graduation.
Description: This course is designed to provide students who are interested in pursuing careers in engineering early exposure to engineering and its links to science. As engineering is interdisciplinary, this course embraces a wide variety of topics from different areas of study. This is a projects-based course, where students will develop their critical thinking skills by designing and performing experiments that simulate real world engineering experiences.

Law & Democracy [DE]
Course ID # 75450
Grades: 12
Course Length: Half Year
Prerequisite: Intro to Law, Analytical Forensic Sci & Law and Justice
Graduation: Satisfies UC/CSU and high school elective requirement for graduation.
Description: This college-level course will cover the evaluation, debate and critical analysis of law and legal issues that affect individuals, families, employees and communities. Students will learn about practical aspects of civil, criminal, constitutional, family, immigration, and consumer law in a diverse society. The course will include involvement in the local community.

Law Enforcement Careers ROP
Course ID # 7456R
Grades: 12
Course Length: Year
Graduation: Satisfies UC/CSU and high school elective requirement for graduation.
Description: This course introduces students to the field of law enforcement, criminal justice, and police science. Students will become familiar with the structure and organization of the criminal justice system in California and gain knowledge of basic police procedures, regulations, responsibilities and Police Officer Preparation and Training (POST) standards. This course will place on developing awareness of citizens’ rights and responsibilities, the realities of police work and the positive role of law enforcement in the community.

Medical Careers [P]
Course ID# 23990
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU (g) category and high school elective requirement for graduation
Description: This course introduces students to the fields of medical science, human systems in health and disease, human inheritance and change, and the role of humans in ecological systems. They develop problem-solving skills as they design and conduct their own experiments and develop critical-thinking skills through research and discussion about issues related to the health industry and community health.

Medical Interventions (PLTW)
Course ID# 2273R
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU (d) and high school life science requirement for graduation
Description: This course will explore how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose and treat cancer, and how to prevail when the organs of the body begin to fail.

Medical terminology [DE]
Course ID # 2230E
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Half Year
Prerequisite: Health Science Emergency Medicine and Biology
Graduation: Satisfies UC/CSU and high school elective requirement for graduation.
Description: Corrcta Costa College, Department & Number: MEDC 150. Course Title: Medical Terminology. This course was selected to be used as a Dual Enrollment Course for students in the Health Pathway.

This course presents the language of medicine (medical terminology) relevant to allied health fields, and covers competencies that align with the Career Technical Educational Model Curriculum Standards and the Common Core State Standards. It provides students with a fundamental understanding of medical terminology through the construction, pronunciation, definition, spelling and common usage for all medical terms in anatomy, physiology, pathology, and patient care as each relates to human body systems and their...
interrelation to one another. Students will learn medical terminology in context of experiential activities that provide a basic understanding of the structures and functions of the human body and its systems. They will deepen their understanding through structured dialog, team research, and reading & writing assignments.

**Multimedia [P]**
Course ID# 22571
Meets the UC/CSU (f) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU fine arts and high school arts requirement for graduation
Description: Students will acquire knowledge and skills in graphic development and manipulation, basic video and desktop multimedia production, project planning, beginning web design, animation, interactive authority and critical analysis of student and professional multimedia work. Students will learn to create multimedia stories, messages and imagery using (and combining) film, text, visual effects, graphics, animation, special effects, and sound.

**Sports Medicine (ROP) [P]**
Course ID# 6570R
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Year
Prerequisite: Grade "C" or better in 9th grade P.E. Core
Graduation: Satisfies elective requirement for high school graduation and UC/CSU
Description: This course is designed to explore human anatomy and physiology, and lays the foundations for further study of these sciences. Students learn how systems of the body function and interact through physical activity and develop a thorough understanding of the structure and function of the musculoskeletal system. This knowledge serves as a platform for understanding the physiological response to injury and improving performance.

**Web Page Design 1.2 [DE]**
Course ID# 897DE
Grades: 10-12
Course Length: Year
Prerequisite: Digital Arts Design the Web
Graduation: Satisfies UC/CSU and high school elective requirements for graduation.
Description: Web Design explores the historical and rapidly changing trends in the field of design for the web. Through design projects for the web, students develop problem-solving skills, artistic perception, critical thinking and self reflection. Students will also learn methods and theory such as the elements of art and principles of design. Students will explore web page design, planning, layout and construction, set up and maintenance of a website, HTML, CSS and Photoshop. The primary focus during the first semester is the use of HTML and CSS with a free text editor and the use of Photoshop. Students will explore page layout and design concepts. Basic computer, principles behind the Internet and the history of the Internet are also introduced. During the second semester, students are exposed to advanced HTML concepts like server side includes, forms and styles and gain exposure to website development as opposed to web page development. Students will use Photoshop more extensively to produce graphics that display more depth and to design overall layouts. Students will also begin to upload their work to a web server and learn how to update existing sites. Web Design explores the historical and rapidly changing trends in the field of design and development. Through design and development projects for the web, students develop problem-solving skills, artistic perception, and critical thinking. The course focuses on both artistic design for the web and web page development. Students learn the design of web pages through the artistic use of color theory, texture, typography, and other design principles (shape, uniformity, repetition, contrast, space, alignment, proximity).

Students will explore web page design, planning, layout, and construction, setup and maintenance of a web site, HTML, XHTML, SSL, and Photoshop. Students will also learn data management, back-end management of servers and technologies, and high-end software.

**Welding**
Course ID # 22750
Grades: 10-12 (must be 16 years of age or older)
Course Length: Year
Graduation: Satisfies elective requirement for graduation
Description: This is an entry level Chevron sponsored Welding course covering four processes. The four processes are oxy-acetylene welding, mig welding and tig welding. The students will learn to dress with the appropriate clothing, observe safety procedures, and how to adjust the machines to correct temperatures. They will also learn how to join two pieces of metal together and build small projects. At the end of the course, students with passing scores will receive a Certificate of Completion. Students may apply for entry level welding jobs in the industry with this Certificate of completion. After completion of this course, students are eligible to join welding unions such as Boiler Makers Welding, Pipe-Fitters and Steam-Fitters.

**Welding Fabrication & Application [P]**
Course ID # 22800
Grades: 10-12
Course Length: Year
Prerequisite: Algebra Recommended
Graduation: Satisfies UC/CSU and high school elective requirements for graduation.
Description: In this course, students will build on the knowledge and skills relating to the transfer of matter and energy through electrical, fluid, thermal and mechanical systems. Welding Fabrication & Application is a study of the interaction of science and technology. They will also study more advanced fundamentals of mechanical and structural systems and facilities. Students will be engaged in a theoretical program that integrates academic study with technical skills. Students will explore professional opportunities in the field of engineering and welding. Students will research and write their findings in essay form throughout the program. They will also present power-point presentations validating their research. Integral to this will also be the opportunity to participate in activities developed through a student leadership organization. By participating in this program, students will prepare to matriculate into post-secondary Welding/ Engineering programs such as those offered at the University of California, Davis and Cal Poly, San Luis Obispo. Additionally, this course may be a gateway program for those students interested in pursuing a post-secondary study in mechanical or structural engineering.

**Woodworking 1 [P]**
Course ID # 50250
Grades: 9-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation as well as UC/CSU elective requirement.
Description: Woodworking is a course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery.

**Yearbook**
Course ID# 83600
Grades: 10-12
Course Length: Year
Graduation: Satisfies WCCUSD elective credit for graduation
Description: A two-dimensional art class. Students enrolled in Yearbook Design create and produce the school annual. The student staff is responsible for publishing, planning, writing, editing copy, designing and photographing pages, and obtaining funding through book and advertising sales.
**ENGLISH AND LANGUAGE ARTS**

**African American Literature [P]**  
Course ID# 34600  
Meets the UC/CSU (b) requirement  
Grades: 11/12  
Course Length: Year  
Graduation: Satisfies one year of the English requirement for high school graduation  
Description: This course is an introductory survey of African American texts beginning with African mythology and ending with Post Modern African American texts. Its focus is on written and oral response to texts in the form of analysis, reflection, exposition, and narrative. Students will read and respond to as well as create texts which reflect the African American literary tradition; including but not limited to, oral histories, poetry, fables, epics, narratives, biography, autobiographies, short stories, fiction, drama and narrative non-fiction.

**AP English Language and Composition**  
Course ID# 36000  
Meets the UC/CSU (b) requirement  
Grades: 11/12  
Course Length: Year  
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement  
Description: This course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. This course allows students to write in a variety of forms, narrative, expository, argumentative—and on a variety of subjects from personal experience to public policies, from imaginative literature to popular culture. Students will write effectively and confidently. The curriculum follows the rigorous demands of the College Board.

**AP English Literature and Composition**  
Course ID# 36100  
Meets the UC/CSU (b) requirement  
Grades: 12  
Course Length: Year  
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement  
Description: Students engage in the careful reading and critical analysis of imaginative literature. They deepen their understanding of the ways writers use language to provide both meaning and pleasure to their readers. Students consider a work of literature’s structure, style and theme, figurative language, imagery, symbolism and tone. The course is both wide and deep in the analysis of literature. From 16th to 20th century works of literature will be analyzed to explore multiple genres, periods and culture. The curriculum follows the rigorous demands of the College Board.

**English 1 [P]**  
Course ID# 34900  
Meets the UC/CSU (b) requirement  
Grades: 9  
Course Length: Year  
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement  
Description: Students demonstrate their ability to read, analyze, and evaluate major world literary works, seminal U.S. documents of historical significance, and other informational texts at a college preparatory level. They will engage in in a range of collaborative discussions and their writing of narratives, explanatory and informative compositions, and arguments that support claims using vocabulary and language skills appropriate to the grade 9-10 standards of English Language Arts.

**English 2 [P]**  
Course ID# 35100  
Meets the UC/CSU (b) requirement  
Grades: 10  
Course Length: Year  
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement  
Description: This course is more rigorous than the English 1 [P] class. Students will read major works of literature and informational texts at a college preparatory level. They will engage in a range of collaborative discussions and also demonstrate their ability to read, analyze, and evaluate selected texts at an accelerated college preparatory level. They will engage in a range of collaborative discussions and the also demonstrate their ability to read, analyze, and evaluate selected texts at an accelerated college preparatory level. They will engage in a range of collaborative discussions and the also demonstrate their ability to read, analyze, and evaluate selected texts at a college preparatory level.

**English II Advanced [P]**  
Course ID# 38800  
Meets the UC/CSU (b) requirement  
Grades: 10  
Course Length: Year  
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement  
Description: This course is more rigorous than the English 2 [P] class. Students demonstrate their ability to read important world literature, literature from our own period and culture, seminal U.S. documents of historical significance, and other informational texts at a college preparatory level. Students use classic and contemporary literature and informational text as vehicles for understanding our own period, values and culture. Through discussions, oral presentations, journal entries and papers, students also demonstrate knowledge of literary terms and techniques, as well as the principles of composition and language study appropriate to the grade 9-10 standards of English Language Arts.

**English 3 [P]**  
Course ID# 35400  
Meets the UC/CSU (b) requirement  
Grades: 11  
Course Length: Year  
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement  
Description: This course is more rigorous than the English 2 [P] class. Students enrolled in this class will read major works of literature that will prepare them in grade 11 to take an Honors level class. Full works of literature are included in addition to anthology and complex informational text assignments. Students demonstrate their ability to read important world literature, as well as literature from our own period and culture, at a college preparatory level. Students use classic and contemporary literature and informational texts as vehicles for understanding our own period, values and cultures. Through discussions, oral presentations, journal entries and papers, students also demonstrate knowledge of literary terms and techniques, as well as the principles of composition and language study appropriate to the grade 9-10 standards of English Language Arts. Students will demonstrate their ability to work independently and be self-motivated.
incorporates seminal U.S. informational texts. Students engage in academic discourse and complete writing assignments that demonstrate their ability to delineate, analyze, and evaluate these text selections using vocabulary and language skills appropriate to the grade 11-12 standards of English Language Arts.

**English 3 [H]**
Course ID# 35300
Meets the UC/CSU (b) requirement
Grades: 11
Course Length: Year
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement
Description: This course is designed for students who plan to attend a four-year college or university and recommended for those who plan to take an English Advanced Placement class during their senior year. Students read a minimum of eight full-length works of literature and will write extensively.

**English 4 [P]**
Course ID# 35600
Meets the UC/CSU (b) requirement
Grades: 12
Course Length: Year
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement
Description: This college preparatory course introduces students to a range of important world literary works, cultures and traditions, and incorporates seminal informational texts that support the analysis and application of themes and essential questions being explored. Students engage in rigorous academic discourse and complete writing assignments that demonstrate their ability to delineate, analyze, and evaluate these text selections using rhetorical devices specific to the task and intended audience.

**English Reading (Read 180)**
Course ID #36250 Middle School Only
Course ID #36200 High School Only
Grades: 9-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation.
Description: Read 180 is a state-approved, research-based, and research–validated reading intervention program. The program serves as an intervention for students who are 2 or more years below in their reading level and is primarily aimed at developing vocabulary, fluency, and comprehension.

**CSU Expository Reading/Writing–CS [P]**
Course ID# 38900
Meets the UC/CSU (b) requirement
Grades: 12
Course Length: Year
Graduation: Satisfies one year of the English requirement for high school graduation as well as UC/CSU requirement
Description: The goal of the Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiencies in expository, analytical, and argumentative reading and writing. The cornerstone of the course—the assignment template—presents a process for helping students read, comprehend, and respond to non-fiction and literary texts. Modules also provide instruction in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors, and to apply those strategies in their own writing. They will read closely to examine the relationship between an author’s argument or theme and his or her audience and purpose, to analyze the impact of structural and rhetorical strategies, and to examine the social, political, and philosophical assumptions that underlie the text. By the end of the course, students will be expected to use this process independently when reading unfamiliar texts and writing in response to them. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other non-fiction texts.

**Mexican-American Literature [P]**
Course ID# 37100
Meets the UC/CSU (b) requirement
Grades: 11-12
Course Length: Semester
Graduation: Satisfies English UC/CSU requirement and high school requirement
Description: This course surveys the history, art and oral traditions of Mexican, Mexican American and Latino cultures through the lens of literature. Course will include literary techniques, modes of expression, trends in Chicano/Latino creativity and will expose students to the richness and diversity that Mexican-American and other Latino cultures have to offer.

**Creative Writing [P]**
Course ID# 34700
Meets the UC/CSU (g) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation as well as UC/CSU elective requirement
Description: Students will study aspects of writing in journals, memoir writing, writing poetry, short stories, drama and creative non-fiction. Students will read extensively in all of these genres and write creatively in each genre. Students will explore writing and the arts in the community at large by attending poetry readings, dramatic productions and short story readings.

**Journalism 1 [P]**
Course ID# 36710
Meets the UC/CSU (g) requirement
Grades: 11-12
Course length: Year
Graduation: Satisfies UC/CSU and high school elective requirements for graduation.
Description: The course is a survey of the basic concepts of reporting, as well as a hands-on experience in the process of producing a newspaper, serving as a prerequisite to Journalism II. Journalism implements a Common Core framework while engaging students and applying the skills behind the framework. Students will be trained in the best practices of print and online journalism in the areas of reporting and editing with an emphasis on news writing, sports writing, opinion writing and AP style through an intensive study.

**Journalism 2 [P]**
Course ID# 36710
Meets the UC/CSU (g) requirement
Grades: 11-12
Course length: Year
Graduation: Satisfies UC/CSU and high school elective requirements for graduation.
Description: The course is designed to continue the study of journalism that was begun in Journalism 1. It will teach students to be consumers of media and to understand and perform news-gathering and production. They will be exposed to more advanced news, feature, sports, opinion and editorial writing, reporting, interviewing and editing. The course will deepen their understanding of journalism in modern American life and its implications to American and global society.

**ELD - ENGLISH LANGUAGE DEVELOPMENT**

**English Language Development (ELD 1A, 2A, 3A)**
Course ID# 13100
Course ID# 13300
Course ID# 13510
Grades: 9-12
Course Length: Year
Graduation: Satisfies WCCUSD graduation requirement for English credit
Description: Intended for non-English or limited-English speaking students. This course develops students' abilities to use English as their everyday means of communication. It consists of speaking, reading, and writing English based on daily experiences. Taken concurrently with ELD 1B, 2B, 3B.

**English Language Development Reading (ELD 1B, 2B, 3B)**

Course ID# 13200
Course ID# 13400
Course ID# 13520
Grades: 9-12
Course Length: Year
Graduation: Satisfies WCCUSD graduation requirement for English credit
Description: Intended for those who need additional language instruction. This course follows the main sequential skills of reading with an emphasis on second language acquisition. Vocabulary development and conversation are stressed. Taken concurrently with ELD 1A, 2A, or 3A.

Course ID# 13530
Meets the UC/CSU (b) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school English requirement for graduation
Description: Intended for limited-English speaking students. This course develops abilities to read and write English as an everyday communication. It consists of learning to write using proper sentence structure.

**MATHEMATICS**

The sequence of high school mathematics courses are Algebra I, Geometry, and Algebra 2. Thereafter, students can decide to take a calculus pathway of Pre-calculus and AP Calculus AB (or BC), or take the statistics pathway of Probability and Statistics or AP Statistics. All students can have the option to take a higher level math course in high school, regardless of which math course is taken as a freshman.

**Algebra I [P]**

Course ID# 51000
Meets the UC/CSU (c) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies one year of the math requirement for both UC/CSU and high school graduation
Description: This is a course that completes all topics of second-year Algebra: linear functions, systems of linear equations and inequalities, quadratic functions and complex numbers, exponential and logarithmic functions, rational and irrational algebraic functions, quadratic relations, higher degree functions and polynomials, sequences and series, circular and trigonometric functions, introduction to probability and statistics. The course includes mathematical modeling of real-world problems. Appropriate technology: graphing calculators, and computer software, is used to further explore and deepen mathematical understanding of concepts presented by the course.

**Geometry [P]**

Course ID# 51800
Meets the UC/CSU (c) requirement
Grades: 9-12
Course Length: Year
Prerequisite: Algebra I
Graduation: Satisfies one year of the math requirement for both UC/CSU and high school graduation
Description: This course weaves together previous study of algebra, geometry, and mathematical functions into a preparatory course for calculus. The course focuses on mastery of critical skills and exposure to new skills necessary for success in subsequent math courses.

**Pre Calculus [H]**

Course ID# 52400
Meets the UC/CSU (c) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies one year of the math requirement for UC/CSU and high school graduation.
Prerequisite: Algebra II
Graduation: Satisfies one year of the math requirement for UC/CSU and high school graduation.
Description: This course prepares the student for all higher level mathematics courses.

**Pre Calculus [P]**

Course ID# 53400
Meets the UC/CSU (c) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies one year of the math requirement for UC/CSU and high school graduation.
Prerequisite: Pre Calculus [H]
Graduation: Satisfies one year of the math requirement for both UC/CSU and high school graduation.
Description: The CCSS-M-aligned Pre-calculus course combines concepts of trigonometry, geometry, and algebra that are needed to prepare students for the study of calculus. The main topics in the Pre-calculus course are complex numbers, rational functions, trigonometric functions and their inverses, inverse functions, vectors and matrices, and parametric and polar curves. This course is intended for students interested in STEM-related fields.
**Probability and Statistics [P]**

Course ID# 52950  
Meets the UC/CSU (c) requirement  
Grades: 11 or 12  
Course Length: Year  
Prerequisite: Algebra II  
Graduation: Satisfies one year of math requirement for both UC/CSU and high school graduation  
Description: This CCSS-M-aligned course will introduce the student to basic statistical theory. Topics such as data analysis (gathering, displaying and summarizing of data), probability (laws of chance) and statistical inference (drawing conclusions from data) Students will apply these theories to a wide variety of situations where statistics plays a crucial role in the modern world. This course is intended for students interested in social science-related fields.

**AP Statistics**

Course ID# 52960  
Meets the UC/CSU (c) requirement  
Grades: 10-12  
Course Length: Year  
Prerequisite: Algebra II  
Graduation: Satisfies one year of math requirement for both UC/CSU and high school graduation  
Description: The expectations of this course is ensure the same level of depth and rigor as are entry-level college and university statistics and probability courses. Mastery of this academic content should prepare the student to take this course’s AP examination.  
There are three big ideas in this course: Variations and Distribution (understanding the different distribution measures, how it varies based on the sample, and whether the variation is random or meaningful), Patterns and Uncertainty (use statistical tools to represent and describe patterns in data and to classify departures from patterns, and use reasoning to anticipate patterns in data and likelihood of errors in inference.) and Data-based Predictions, Decisions, and Conclusions (use models to describe relationships between variables and for making predictions, and collect data using random sampling to make generalizations and data-based decisions).

**AP Calculus AB**

Course ID# 51400  
Meets the UC/CSU (c) requirement  
Grades: 12  
Course Length: Year  
Prerequisite: Pre-calculus  
Graduation: Satisfies one year of the math requirement for both UC/CSU and high school graduation  
Description: This course is considered the equivalent of one semester’s worth of college-level calculus and the same level of depth and rigor are expected. Mastery of this academic content should prepare the student to take this course’s AP examination.  
There are three big ideas in this course: Change, Limits, and Analysis of Functions. Topics include: definition and properties of differentiation, applications of differentiation, integration and its applications, accumulation of change, and differential equations.

**AP Calculus BC**

Course ID# 51450  
Meets the UC/CSU (c) requirement  
Grades: 12  
Course Length: Year  
Prerequisite: Pre-calculus  
Graduation: Satisfies one year of the math requirement for both UC/CSU and high school graduation  
Description: This course is considered the equivalent of one year’s worth of college-level calculus and the same level of depth and rigor are expected. Mastery of this academic content should prepare the student to take this course’s AP examination.  
There are three big ideas in this course: Change, Limits, and Analysis of Functions. Topics include all that are expected in Calculus AB, and additionally: parametric equations, polar coordinates, vector-valued functions, and infinite sequences and series.

**ELECTIVE CLASSES: MATHEMATICS**

**Math Support 1**

Course ID# 53710  
Grades: 9  
Course Length: Year  
Graduation: Satisfies elective requirement for high school graduation.  
Description: This course for selected students is designed for students to take along with Algebra I. Students will have daily help with concepts and skills that they will study in Algebra I, prepare for tests, have help with difficult ideas, and assistance with concepts that they are expected to know for the CAHSEE. Passing Algebra I and the CAHSEE exam are requirements for earning a high school diploma.

**PHYSICAL EDUCATION**

**Physical Education Aerobics**

Course ID# 64100  
Grades: 10-12  
Course Length: Year  
Prerequisite: Grade ‘C’ or better in 9th grade P. E. Core  
Graduation: Satisfies graduation requirement for P.E. or elective credit  
Description: Cardiovascular exercises and routines which may be performed to music. The students will gain cardiovascular and muscular endurance, strength, balance, flexibility, rhythm, and timing. The course will emphasize physical fitness and weight control.

**Physical Education Core Gr 9**

Course ID# 64600  
Grades: 9  
Course Length: Year  
Graduation: Satisfies graduation requirement for P.E.  
Description: Required for all 9th grade students. All students must pass two years of physical education before graduation. This class will cover a wide variety of team and individual sports.

**Physical Education Core**

Course ID# 64650  
Grades: 10  
Course Length: Year  
Graduation: Satisfies graduation requirement for P.E.  
Description: Required for all 10th grade students. All students must pass two years of physical education before graduation. This class will cover a wide variety of team and individual sports.

**Adaptive Physical Education**

Course ID# 64000  
Grades: 9-10  
Course Length: Year  
Graduation: Satisfies graduation requirement for P.E.  
Description: Students with IEP’s that stipulate adaptive physical education may take this course instead of the regular PE required for graduation.

**Physical Education Sports Non-Contact**

Course ID# 65100  
Grades: 9-11  
Course Length: Year  
Graduation: Satisfies graduation requirement for P.E. or elective credit  
Description: All students must pass two years of physical education before graduation. This class will cover a wide variety of team and individual sports.

**Physical Education Athletics**

Course ID# 64300  
Grades: 10-12  
Course Length: Year
Graduation: Satisfies graduation requirement for P.E. or elective requirement
Description: For students who are on interscholastic athletic teams to provide advanced training in team and individual sports.

**Physical Education Conditioning**
Course ID# 64500
Grades: 10-12
Course Length: Year
Graduation: Satisfies graduation requirement for P.E. or elective requirement
Description: Focus on muscular strength and endurance.

**Physical Education Weight Training**
Course ID# 65300
Grades: 10-12
Course Length: Year
Graduation: Satisfies P.E. or elective requirement for high school graduation
Description: This course will provide the student with instruction in proper methods of running, weight lifting, weight workouts, and competition lifting in the appropriate weight class.

**Physical Education: Individual Sports**
Course ID# 64900
Grades: 10-12
Course Length: Year
Graduation: Satisfies graduation requirement for P.E. or elective credit
Description: In this course, students will learn individual sports that they may use their entire life.

**Physical Education: Team Sports**
Course ID# 65200
Grades: 10-12
Course Length: Year
Graduation: Satisfies graduation requirement for P.E. or elective credit
Description: This unit is designed to introduce and provide opportunities for students to develop the basic and intermediate skills in a variety of sports and activities that they will be able to participate in now and in the future. Students will be exposed to the basic skills, strategies and etiquette of the various activities. The components of fitness: muscular strength, muscular endurance, flexibility, body composition and cardiovascular fitness will be emphasized throughout the year.

**Sports Medicine (ROP) [P]**
Course ID# 6570R
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Year
Prerequisite: Grade "C" or better in 9th grade P.E. Core
Graduation: Satisfies elective requirement for high school graduation and UC/CSU
Description: This course is designed to explore human anatomy and physiology, and lays the foundations for further study of these sciences. Students learn how systems of the body function and interact through physical activity and develop a thorough understanding of the structure and function of the musculoskeletal system. This knowledge serves as a platform for understanding the physiological response to injury and improving performance.

**SCIENCE**

**AP Biology**
Course ID# 66000
Meets the UC/CSU (d) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school life science or elective requirement for graduation
Description: Introductory college-level course in biology with lab work, field trips, guest speakers, and class discussions. Provides students with challenging and stimulating coursework and a current approach to research. Students learn about new developments in various areas of biology, including genetics, recombinant DNA techniques, the immune system, and the brain. Fulfills UC Lab Science requirement. Students who pass the Advanced Placement test qualify for transferable college credit.

**AP Chemistry**
Course ID# 66600
Meets the UC/CSU (d) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies Physical Science lab requirement for UC/CSU and high school physical science or elective requirement for graduation
Description: A college level chemistry course. Students study general chemical concepts in greater depth than in first-year chemistry, and are introduced to the most recent developments in the field. The treatment of the topics in this course is qualitatively different from that in chemistry with regard to calculations and the mathematical foundation of chemical principles. Students completing this course are encouraged to take the Advanced Placement exam and will transferable college credit if passed at a "3" or higher.

**AP Environmental Science**
Course ID# 67250
Meets UC/CSU (d) requirement
Grades: 12
Course Length: Year
Graduation: Satisfies Physical Science or Life Science lab requirement for UC/CSU and high school science requirement for graduation
Description: Designed to be equivalent to a one-semester, introductory college course in environmental science enabling students to undertake, as first-year college students, a more advanced study in environmental science, or to fulfill a basic requirement for a laboratory science. Provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems both human-made and natural; to evaluate the relative risks associated with these problems; and to examine alternative solutions for resolving and for preventing them. There is a student designed, year-long project that requires a strong laboratory and field investigation component. The course is integrated with other Academy courses. Priority given to students enrolled in the Academy for placement into Environmental Science 3 AP.

**Biology [P]**
Course ID# 66300
Meets the UC/CSU (d) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school life science requirement for graduation
Description: The study of life from the molecular level, cellular level to the whole organism. Includes the study of interactions and interrelationships of living things and their environment. This course is designed to equip the student with independent study skills and basic background to compete successfully in higher lab science courses in high school.

**Biology Accelerated [P]**
Course ID# 66010
Meets the UC/CSU (d) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school life science requirement for graduation
Description: The course provides enhanced understanding of human biology, anatomy, and physiology and their applications in biomedical science and
the role of health professionals and biomedical scientists in today's society.

**Biomedical Science [P]**
Course ID: 62588
Meets the UC/CSU (d) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school life science requirement for graduation
Description: The study of life from the molecular level, cellular level to the whole organism. Includes the study of interactions and interrelationships of living things and their environment. This course is designed to equip the student with independent study skills and basic background

**Chemistry [P]**
Course ID: 66700
Meets the UC/CSU (d) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies Physical Science lab requirement for UC/CSU and high school physical science requirement for graduation
Description: Students study the structure and properties of matter and the changes it undergoes. It emphasizes the development of chemical principles and theories on the basis of experimental data and includes many laboratory experiments and demonstrations.

**Environmental Science I**
Course ID: 67210
Meets UC/CSU (d) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies elective credit or science requirement for graduation
Description: The first of three sequential environmental science courses intended for three-year Environmental Studies Academy program. Course content and goals are integrated with the other Academy courses and covers fundamental principles of biology, chemistry and physics required in environmental science. There is an emphasis on environmental chemistry and mapping. Topics include water chemistry, soil structure, chemistry of metal refining, petroleum chemistry, and park design. Course requires off-campus field research trips including field investigations of Pinole Creek.

**Environmental Science II [P]**
Course ID: 67230
Meets UC/CSU (d) requirement
Grades: 11
Course Length: Year
Graduation: Satisfies Physical Science or Life Science lab requirement for UC/CSU and high school science requirement for graduation
Description: A continuation of Environmental Science I, this course is intended for the three-year Environmental Studies Academy program. The course content and goals are integrated with the other courses in the Academy. Although many principles of biology, chemistry and physics are covered, this course offers a concentration on the fundamental principles of ecology. Topics include community structure, biodiversity, energy flow and pyramids, and ecological productivity. This course requires several off campus field trips, including field investigations of Pinole Creek and Wetlands.

**Physics [P]**
Course ID: 68700
Meets the UC/CSU (d) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school physical science or elective graduation requirement
Description: Fundamental principles governing physical processes in the universe. Topics included are the study of motion, Newtonian mechanics, conservation of momentum and energy, thermodynamics and heat, waves, sound, light, electricity and magnetism, atomic and nuclear physics. Emphasizes conceptual understanding of principles and mathematical problem solving skills. This course is for students completing a major in biological or physical sciences, engineering, medicine, or advanced technology, etc.

**Physics [H]**
Course ID: 68650
Meets the UC/CSU (d) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school physical science or elective requirement for graduation
Description: Advanced principles governing physical processes in the universe. Topics included are the study of motion, Newtonian mechanics, conservation of momentum and energy, thermodynamics and heat, waves, sound, light, electricity and magnetism, atomic and nuclear physics. Emphasizes conceptual understanding of principles and mathematical problem solving skills. This course is for students completing a major in biological or physical sciences, engineering, medicine, or advanced technology, etc.

**Physics of the Universe [P]**
Course ID: 68490
Meets the UC/CSU (d) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies Physical Science requirement for UC/CSU
Description: The first of three sequential environmental science courses intended for three-year Environmental Studies Academy program. The course content and goals are integrated with the other Academy courses and covers fundamental principles of biology, chemistry and physics required in environmental science. There is an emphasis on environmental chemistry and mapping. Topics include water chemistry, soil structure, chemistry of metal refining, petroleum chemistry, and park design. Course requires off-campus field research trips including field investigations of Pinole Creek and Wetlands.

**Physical Science [P]**
Course ID: 68500
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies Physical Science requirement for graduation and (g) requirement for UC/CSU
Description: Physical Science is a year long college preparatory science laboratory course designed to introduce students to the physical sciences and prepare them for courses in chemistry and physics. Students will gain an understanding of how these scientific disciplines are interrelated and how the advances made in each area of study impact our society. Students will learn of the medical and technological advances made because of the concepts they are learning and how these inventions impact our health and wellbeing. The course includes written lab reports, individual presentations, internet simulations, research papers and outside activities. It covers the foundational California state standards for physics and chemistry as well as the science standards for investigation and experimentation. Students will be engaged in activities that increase their knowledge and skills in using the scientific method, designing experiments, and scientific modeling. The class provides the student with instruction and opportunities to use critical thinking, analysis and problem solving.

**Physiology [P]**
Course ID: 68900
Meets the UC/CSU (d) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school science graduation requirement
Description: A detailed study of the functions of the human body that includes the study of cell structure and specialization, the skeletal system, muscles, nervous system, digestion, respiration, circulation, the skin, excretion, endocrine system, reproduction and heredity, including the latest information on the structure and function of DNA. There will be extensive lab work in animal dissection and microscopic investigation.

Principles of Biomedical Sciences [H] PLTW
Course ID# 62591
Meets the UC/CSU (d) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school science graduation requirement
Description: The Principles of Biomedical Science (PBS) course provides an introduction to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. Students will investigate lifestyle choices and medical treatments that might have prolonged the woman’s life and demonstrate how the development of disease is related to changes in human body systems.

Principles of Biomedical Sciences PLTW
Course ID# 62590
Meets the UC/CSU (g) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school science graduation requirement
Description: The Principles of Biomedical Science (PBS) course provides an introduction to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. Students will investigate lifestyle choices and medical treatments that might have prolonged the woman’s life and demonstrate how the development of disease is related to changes in human body systems.

SOCIAL SCIENCE

AP Government and Politics United States
Course ID# 72850
Meets the UC/CSU (a) requirement
Grades: 12
Course Length: Semester
Graduation: Satisfies the American Government requirement for UC/CSU and high school social science requirement for graduation
Description: An in-depth survey of the structure and functions of federal, state, and local governments, including extended units on constitutional underpinnings of US democracy; political beliefs and behavior, political parties and interest groups; Congress; the federal branches of government; civil rights; and other government issues and arenas. Designed to prepare students for the Advanced Placement examination in American Government.

AP Economics Micro
Course ID# 73850
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Semester
Graduation: Satisfies the Economics requirement for high school and UC/CSU elective requirement
Description: This is a semester course covering Microeconomics. The course is designed to prepare the students to take the AP Exam in May. The class follows the curriculum of the college board AP schedule and all teachers of the course have been trained by the College Board institutes. Students complete a rigorous level of coursework with past AP free response questions, multiple choice exams and economic activities. Macroeconomics is taken in the next semester.

AP Economics Macro
Course ID# 73800
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Semester
Graduation: Satisfies the Economics requirement for high school and UC/CSU elective requirement
Description: This is a semester course covering Macroeconomics. The course is designed to prepare the students to take the AP Exam in May. The class follows the curriculum of the college board AP schedule and all teachers of the course have been trained by the College Board institutes. Students complete a rigorous level of coursework with past AP free response questions, multiple choice exams and economic activities. Students take this course in the second semester after completing Microeconomics.

AP U.S. History
Course ID# 75500
Meets the UC/CSU (a) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies the U.S. History requirement for UC/CSU and high school social science requirement for graduation
Description: Covers American history from colonial times to the present. In-depth reading in American history with written book reviews, practice essays and lectures designed to prepare students to take the Advanced Placement Exam.

AP World History
Course ID# 75560
Meets the UC/CSU (a) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies the requirement of UC/CSU and high school World History requirement for graduation
Description: This course follows the Advanced Placement guidelines and curriculum. Extensive reading and research is required. Survey of the history of the world, its civilizations, people, geography, and development, beginning with the Renaissance. Emphasis is on modern times and the origins and roots of current situations and problems. This course will include rigorous reading and writing assignments and should be taken by students who plan on taking AP US History and AP American Government.

American Government [P]
Course ID# 72800
Meets the UC/CSU (a) requirement
Grades: 12
Course Length: Semester
Graduation: Satisfies the American Government requirement for UC/CSU and high school American Government requirement for graduation
Description: A one semester course on the American system of government, beginning with theoretical foundations, comparative political systems and historical origins. Basic units will include the study of the executive, legislative and judicial branches, the American political process, civil rights, domestic issues, international problems, and state, county and local governments and follows the California State Framework for Social Science. This class is paired with Economics in the alternate semester.

Economics [P]
Course ID# 74000
Meets the UC/CSU (g) requirement
Grades: 12  
Course Length: Semester  
Graduation: Satisfies the Economics requirement for high school and UC/CSU elective requirement  
Description: A study of the principles of economics. Students will explore how our limited resources are used to satisfy wants, how goods and services are produced and distributed, and how the economic system of the United States compares with other systems. This class is paired with American Government in the alternate semester.

Foundations: Cultural Geography [P]  
Course ID# 75360  
Meets the UC/CSU (a) requirement  
Grades: 9  
Course Length: Year  
Graduation: Satisfies UC/CSU and high school social science requirement for graduation  
Description: An in depth examination of the interchanges among members of various cultures who have settled in the Bay Area from early times to today. The course builds upon the identities of the students in the high schools and supports them in understanding self and others. The course builds upon the ideas and academic standards found in the History/Social Science State framework (9th grade electives section) as well as the California standards for Historical and Social Science Analysis Skills. Students will better understand the world’s cultural geography through looking at major waves of immigration in the Bay Area.

Geography [P]  
Course ID# 74350  
Meets the UC/CSU (a) requirement  
Grades: 9-12  
Course Length: Year  
Graduation: Satisfies UC/CSU and high school social science requirement for graduation  
Description: A survey course in which students study the relationship between earth and its people. The framework includes three main areas of inquiry: how various geographic features influence the development of civilization: how the study of geography to predict future social, political and economic trends occurs; and how geography affects cultural ethnicity, language and religion.

World History [P]  
Course ID# 75900  
Meets the UC/CSU (a) requirement  
Grades: 10-12  
Course Length: Year  
Graduation: Satisfies the requirement for UC/CSU and high school requirement for graduation  
Description: Survey of the history of the world, its civilizations, people, geography, and development, beginning with the Renaissance. Emphasis is on modern times and the origins and roots of current situations and problems. This class meets the California State Framework for Social Science.

U.S. History [P]  
Course ID# 75600  
Meets the UC/CSU (a) requirement  
Grades: 11  
Course Length: Year  
Graduation: Satisfies the U.S. History requirement for UC/CSU and U.S. History requirement for graduation  
Description: An overview of American history with emphasis on significant people, groups, institutions, events, and places from the post-Civil War period to the present, and follows the California State Framework for Social Science.

ELECTIVE CLASSES- SOCIAL SCIENCE

AP Psychology [P]  
Course ID# 75505  
Meets the UC/CSU (g) requirement  
Grades: 10-12  
Course Length: Year  
Graduation: Satisfies the elective requirement for UC/CSU and high school graduation  
Description: This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology.

Criminal Justice [P]  
Course ID #8350V  
Meets UC/CSU (g) requirement  
Grades: 10-12  
Course Length: Year  
Graduation: Satisfies UC/CSU and high school elective requirements for graduation  
Description: Criminal Justice engages students in examining the history, philosophy, structures, and functions of the American criminal justice system and juvenile justice systems, how they interact in the administration of justice, and their relationship to life in our society. Students will also explore and analyze the three major components of the criminal justice system: the police (including community-based approaches to policing), the courts, and corrections. Emphasis is also placed on constitutional issues related to criminal justice (primarily those arising under the Fourth, Fifth, and Sixth Amendments) and on students acquiring and demonstrating knowledge and skills in legal research, legal reasoning, and legal advocacy.

Ethnic Studies [P]  
Course ID# 78411  
Meets the UC/CSU (g) requirement  
Grades: 11-12  
Course Length: Year  
Graduation: Satisfies the elective requirement for UC/CSU and high school graduation  
Description: This course aims to educate students to be politically, socially, and economically conscious about their communities. Students will learn to apply the principles of legal advocacy and research, legal reasoning, and legal advocacy. Students also participate in trial simulations, debates and have opportunities to work with legal professionals.

Intro to Law [P]  
Course ID# 73450  
Meets the UC/CSU (g) requirement  
Grades: 10-11  
Course Length: Year  
Graduation: Satisfies UC/CSU and high school elective requirements for graduation  
Description: This course introduces students to legal concepts, principles and procedures. The course is designed to provide students with an understanding of the structure of the U.S. legal system including the role of the judicial, legislative and executive branches; the history of law in the United States; the role of attorneys, law enforcement and other legal professionals; categories of law; litigation principles; and alternative dispute resolution. The course involves substantial reading and writing. Students also participate in trial simulations, debates and have opportunities to work with legal professionals.

Leadership  
Course ID# 74600  
Grades: 9-12  
Course Length: Year  
Graduation: Satisfies elective credit for high school graduation  
Description: Leadership students distinguish themselves by their desires to be involved in school community activities and to have an impact on their society. Besides initiating, coordinating, and evaluating school activities and community projects, students also develop leadership skills in communication, decision-making, time management, goal setting, leadership styles, conflict management, team building, and delegation of duties. District and league exchange days with other schools are planned.

Law and Justice [P]  
Course ID# 74550  
Meets the UC/CSU (g) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies elective credit for UC/CSU and high school graduation.
Description: This is the study of the history and philosophy of justice and crime causation, punishments, and rehabilitation; ethics, education; and training for professionalism in the social system.

Psychology [P]
Course ID: 75000
Meets the UC/CSU (g) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies the elective requirement for UC/CSU and high school graduation.
Description: This course is a general introduction to the science of human behavior with focus on the individual. The course considers personality, growth and development, classic theories (Freud, Adler, Rogers, etc.) and psychological disorders. Emphasis will be placed on classroom experiments and project-based learning.

Race & Film Studies [P]
Course ID: 22500
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies high school elective requirement for graduation and elective requirement for UC/CSU
Description: This course is a general introduction to the science of human behavior with focus on the individual. The course considers personality, growth and development, classic theories (Freud, Adler, Rogers, etc.) and psychological disorders. Emphasis will be placed on classroom experiments and project-based learning.

Advanced Music [P] (ROP)
Course ID: 35000
Meets the UC/CSU (f) requirement
Grades: 12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: This course is a college preparatory interdisciplinary approach to music theory and practice in advanced level sight reading. Students will learn the extent of human dignity violation imposed by the NAZI regime and reflect on strategies to actively support democratic principles and institutions in the present day. Guest speakers may be invited to deepen students’ understanding of the issues as applicable and available.

Visual and Performing Arts
A Cappella [P]
Course ID: 55500
Meets the UC/CSU (f) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirements for graduation
Description: This course is a college preparatory interdisciplinary approach to music theory and practice in advanced level sight reading. Students will receive an advanced understanding and appreciation of technology used as a tool in artistic expression, and they continue to strengthen their analytical reading and expository writing skills as well as their critical thinking skills in this cross-disciplinary approach.

Advanced Media Communication [P] (ROP)
Course ID: 8108R
Meets the UC/CSU (f) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: This course is an introduction to the medium of music, focusing on the technical, artistic, and social aspects of the medium. Students will analyze and critique musical works, and develop their own performances.

Advanced Piano [P]
Course ID: 58600
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirements for graduation
Description: This course is an introduction to the medium of music, focusing on the technical, artistic, and social aspects of the medium. Students will analyze and critique musical works, and develop their own performances.

Women's Studies [P]
Course ID: 33500
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Year
Prerequisites: Completion of Eng. 1 and 2 Recommended
Graduation: Satisfies high school elective requirement for graduation and elective requirement for UC/CSU
Description: This course will begin with students analyzing intersectionality and its impact on women today, it will then move into units focused around gender norms, violence and trauma towards women, stereotypes around the "hysteric" female, and analyzing the realities of being a woman in the world today. The course was culminate in a project where students choose a specific issue we have studied and choose a way to address it, through activism, spreading awareness, giving tips to women for how to handle these issues, etc.

World War II [P]
Course ID: 76100
Meets the UC/CSU (g) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies high school elective requirement for graduation and elective requirement for UC/CSU
Description: This course will begin with students analyzing intersectionality and its impact on women today, it will then move into units focused around gender norms, violence and trauma towards women, stereotypes around the "hysteric" female, and analyzing the realities of being a woman in the world today. The course was culminate in a project where students choose a specific issue we have studied and choose a way to address it, through activism, spreading awareness, giving tips to women for how to handle these issues, etc.
Description: In this course students will work with the elements of art and principles of design. They discuss, analyze, and synthesize those principles, applying them to create their own works of art in the medium of photography, reflecting craftsmanship and technical skill. Instruction can also include studio and field techniques, photojournalism, fashion photography, commercial, portrait, scientific, nature, wildlife and sports photography.

**Advanced Visual Arts [P]**
Course ID# 83450
Meets the UC/CSU (f) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Students will study vocabulary unique to art and will apply the elements of art and principles of design to their creations. In their original work they will communicate meaning, intent, feeling and emotions using a variety of media. Students will learn how history and culture has influenced art and artists worldwide. The class is a combination of studio work, written and reading homework assignments, and the compilation of an individual portfolio of each student’s work.

**AP Studio Art 2D Design**
Course ID# 80150
Meets the UC (f) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies both UC/CSU and high school fine arts requirement for graduation.
Description: This course is designed for highly motivated students who are seriously interested in the study of Art and who wish to pursue college-level studies while in high school. It enables art students to conceptualize images, to develop quality artwork, and to develop an area of concentration. Students will acquire depth and breadth of understanding of the principles and elements of art and will work toward portfolio submission for advanced placement credit. This is a two-year program. There may be a special art supply fee charged.

**AP Studio Art: Drawing**
Course ID# 80160
Meets the UC (f) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies both UC/CSU and high school fine arts requirement for graduation.
Description: This course is designed to have the student recognize quality in his/her work. The student will also concentrate on a sustained investigation of a particular visual interest or problem and a range of approaches to the formal, technical and expressive means of the artist.

**Art Advanced [P]**
Course ID# 80100
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Advanced Art is a secondary-level visual art course, designed for students with some developed practice in Visual Art. Students in Advanced Art will create original artistic work while practicing the Elements of Art and Principles of Design. Students will further refine their work within drawing, painting, printmaking, photography and sculpture. Students will participate in critiques to further develop aesthetic awareness while using the classroom space as a creative lab. Projects will be more complicated in design and technical challenge to help students build upon existing skills. Students will participate in a group mural, or other large-scale collaborative work, to be completed by the end of the course.

**Art of Video Production (ROP)**
Course ID# 2015R
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: This course allows students to compare the media of film, television, and video including aesthetics, cultural aspects, and history. Students develop skills to produce their own videos, and take an in-depth look at the nature of video communication, exploring aspects of pre-production and post-production, script writing, camera–work, lighting and sound. They utilize skills in directing and editing to produce a variety of projects, including school newscasts, documentaries, and video productions.

**Band Beginning [P]**
Course ID# 56800
Grades: 9-12
Course Length: Year
Graduation: Satisfies fine arts requirement for high school graduation
Description: This course is designed to give students technical instruction on their instruments while performing as a group or individually. The students will receive instruction in the theoretical aspects of written music and the background of the different forms of music in today’s society.

**Band Symphonic [P]**
Course ID# 56300
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirements for graduation
Description: The Symphonic Band is an advanced ensemble open to students with a strong instrumental background who wish to be part of a quality-performing group. This performance-based ensemble performs 6 – 10 mandatory performances and studies standard band repertoire from all areas of music. Regular practice is a requirement of this course. Performance opportunities may include Winter and Spring Concerts, District/ area festivals, home football games, solo/ensembles, feeder school concerts, and graduation.

**Beginning Art [P]**
Course ID# 80000
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Beginning Art is an entry-level survey course in Visual Art. This course exposes students to the Elements of Art and Principles of Design, and allows students to demonstrate their knowledge of these disciplines through a variety of media. Students will develop proficiency in several basic technical skills of the visual arts, including drawing, painting, printmaking, sculpture. Students will develop understanding and practice of visual communication skills through the design, creation and production of various projects. Coursework includes connections to art history, contemporary studies in the arts, careers in the visual arts, and technology.

**Beginning Piano [P]**
Course ID# 58750
Meets UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Beginning Piano is an introductory-level music class that surveys a variety of basic piano techniques and the fundamentals of music, including a beginning study of music notation. By the end of this course, students will acquire the skills to be able to read piano sheet music and play proficiently. They will experience and learn to play piano music of various historical musical styles. Students in this course will give one or more recitals per quarter, for which attendance is required.
Ceramics 1 [P]
Course ID# 80550
Meets the UC/CSU A-G requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies fine arts or elective requirement for high school graduation
Description: Ceramics 1 is a basic, exploratory course in ceramics, with emphasis on hand-building techniques. Pinch, coil, slab and slip molding methods will be explored. Introduction to wheel throwing, glazing and decorating are presented. The works of historic and contemporary ceramic artists are presented. There is a fee for materials.

Comp Graphic Arts ROP [P]
Course ID# 3060R
Meets the UC/CSU (f) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Use industry software to create digital graphics: vector graphic illustration to solve visual arts problems by implementing expressive aspects of line, shape, value and form, raster graphic image processing to manipulate and apply artistic effects to digital photographs and art.

Concert Band [P]
Course ID# 55900
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Prerequisite: Middle School Experience Recommended
Description: Concert band is an intermediate performance ensemble that will develop student awareness and appreciation of band music through performance. This course serves as preparation for Symphonic Band and Wind Ensemble, and through daily class rehearsals will introduce, reinforce, and challenge students to develop skills that will allow them to perform, compose and listen to music with a better technical, historical and theoretical understanding of music as an art form. Marching techniques may be incorporated and students may opt to develop skills on a second instrument. Performance is required, and active participation expected on a daily basis.

Concert Choir [P]
Course ID# 56900
Meets UC/CSU (f) requirements
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: This performing ensemble allows students to explore a wide variety of vocal music from classical to pop while mastering proper rehearsal etiquette, performance etiquette, and audience etiquette. Members will become skilled in reading and performing intermediate to advanced level repertoire and become skilled in sight-singing, interval recognition, and understanding of chord progressions. Musicians will learn about the history of choral music from antiquity through the modern era as well as be exposed to career path opportunities and professionals associated with music and the arts. Students will be required to perform at all concerts, community events, and any chosen festivals throughout the school year.

Dance Production [P]
Course ID# 54600
Meets the UC (f) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU fine arts or elective credit for graduation and either fine arts, P.E., or elective requirement for high school graduation.
Description: For students of intermediate and advanced technical ability with emphasis on choreography, development of stage presence and performance. Successful completion requires students to attend all rehearsals, to participate in outside work, i.e. dance workshops, seminars, master classes, and attend a minimum of three outside performances and write a critique based on designated criteria, to read all resource materials, to be able to demonstrate and verbalize movement based on modern jazz and ballet techniques, and to develop critical listening and viewing skills. All student work will be video recorded. Students are responsible for designing and providing costumes for their performances

Dance Composition 1 [P]
Course ID# 54650
Meets the UC (f) requirement
Grades: 10-12
Course Length: Year
Prerequisite: Jazz Dance 1 recommended
Graduation: Satisfies UC/CSU fine arts or elective credit for graduation and either fine arts, P.E., or elective requirement for high school graduation.
Description: Dance Composition 1 [P] is an intermediate level course in dance technique and composition. This course is designed as a continuation of dance education that will allow students a deeper understanding of dance, along with developing technical accuracy, performance experience, and choreographic prowess. This course encourages the development of compositional techniques to move students beyond an advanced level of mastery and create an awareness of principles such as form, context, purpose, weight, space, time, effort, and shape, introducing elements, methods, and structures of dance composition in small and large group ensembles. The course will culminate with a student performance which will showcase the students technical growth and original choreography.

Guitar Beginning [P]
Course ID# 57500
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Guitar Beginning is a course open to students 9-12.  Students will learn basic comprehensive skills and applications that relate to the overall concepts of guitar technique and performance. Students will develop aesthetic and cultural values thru listening to various genres of guitar music. Students will address criteria for critically judging the quality of performances and compositions that derive from social and historical influence. Students will learn to strum and pick a wide range of music from a variety of American genres, i.e. Jazz, Folk, Rock, Pop. From the study of these various styles, students will attain enhanced awareness of the history and events surrounding the development of guitar literature (20th Century). Work outside of class involves project preparation, written assignments, and exploration of school-to career possibilities.

Jazz Band [P]
Course ID# 56100
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: This course provides instruction in commercial styles of music, music theory, and career opportunities pertaining to instruments in an ensemble situation. Students will be involved in performances.

Jazz Dance 1[P]
Course ID# 54800
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies either a second year of physical education (grades 10-12) or fine arts requirement for high school graduation and satisfies UC/CSU fine arts requirement for graduation
Description: This course is for students with little or no jazz dance training. Students will study various jazz styles, techniques, and characteristics of jazz dance. The fundamentals of jazz dance will be covered along with the history and development of jazz dance in America and its influence on other styles of dance. Students will write one research paper on jazz dance and see one local performance. Videos and films will supplement required readings.

Jazz Dance 2 [P]
Course ID# 54900
Meets the UC/CSU (f) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts or physical education requirement for graduation
Description: This course is for students of intermediate ability. Students must be able to verbalize and demonstrate movement based on jazz techniques. An understanding of dance terminology and vocabulary is also essential. The course will emphasize intense study of jazz styles, characteristics, and expanding techniques. Students will develop their artistic abilities through choreography and/or participation in in-class performances. Students will view and critique at least one local performance. Videos and films will augment required readings distributed by the teacher. Participation in performances is required.

Jazz Ensemble
Course ID# 57700
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirements for graduation
Description: This ensemble performs standard repertoire for all genres of Jazz and improvisation. This group performs 6 – 10 mandatory performances. Instrumentation is limited to Trumpet, Trombone, Saxophone, Guitar, Bass, Piano and Drums with few exceptions made for ensemble needs.

Marching Band 1 [P]
Course ID# 56210
Meets the UC/CSU elective (g) requirement
Grades: 9-12
Course Length: Year
Prerequisites: Audition Recommended
Co-requisites: Concurrent enrollment in Symphonic and/or Concert Band Recommended
Graduation: Satisfies fine arts or elective requirement for high school graduation
Description: Students in Marching Band will perform in school activities, community concerts, shows, parades, and events. Students will achieve an advanced level of performance skills on their instruments. Individual instrumental technique, growth, group dynamics, and introduction to leadership skills will be emphasized.

Orchestra [P]
Course ID# 58500
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirements for graduation
Description: The Orchestra consists exclusively of string instruments used in a standard symphony orchestra: violin, viola, cello and bass. Since other instrumentalists are used only on occasion, wind (woodwinds and brasses) and percussion players may not enroll, but rather, will be drawn from the Symphonic Band class when needed for orchestra literature.

Orchestra Advanced
Course ID #: 58590
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Students have the opportunity to develop musical skills and knowledge that can only be learned through involvement in the orchestral ensemble. Students learn music theory and develop cultural understanding. They are expected to continually demonstrate their musical growth in orchestral playing primarily through performance in class evaluations, graded assignments, and other performances.

Percussion Ensemble [P]
Course ID # 57230
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirements for graduation
Description: This is an instrumental music course integrating the instruments of the percussion family into the instruction and training of students in the primary roles of musical communication: composer, performer, and analytical listener. The course will emphasize the analysis of compositional techniques, the development of aural skills necessary in recognizing unity, balance and ensemble cohesiveness within a musical ensemble and as a solo performer.

Photography [P]
Course ID# 82600
Meets the UC/CSU (f) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Students in Photography will develop and expand their skills in producing artistic photographs using DSLR cameras and equipment. Students learn to take digital photos following rules of composition, light, exposure, elements of art and principles of design which also enhances their ability to produce quality work. Adapting and updating student’s skill set to the ever changing software and hardware technology is a constant goal. Students will use oral presentation and peer critiques after every project using a rubric. Their critiques will focus on composition, project requirements, technical skill, and creativity. The use of oral presentation is a 21st Century skill and guidelines for presenting their work will be discussed. Students will be graded using the same rubric they use to evaluate each other and themselves. Students will explore evidence of the social, political, and scientific effects of photography on our society. They will analyze famous photographers and their work. Analysis will involve social/ cultural context, significance, and the work's formal qualities. They will become familiar with camera settings that are necessary to take a quality photograph using the exposure triangle (shutter speed, aperture, and ISO), as well as learn to read technical material.

Photography Advanced [P]
Course ID# 82700
Meets the UC/CSU (f) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: This course is designed for students interested in continuing studies of the art of traditional black and white photography and the exploration of emerging technologies in digital photography. Students will also learn about continued, advanced, and alternative techniques in the uses of the camera, accessories and darkroom techniques.
Play Production (ROP)
Course ID #8967R
Meets UC/CSU (f) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirements for graduation
Description: Play Production offers the advanced theatre student the opportunity to gain additional experience in dramatic arts through acting, technical theatre, and exploration of theatre within a historical and cultural context. Students engage in character study analysis and creative development of stage personalities. The class participates in all aspects of producing a play, including scene design and construction, costume design, sound and lighting design, make-up, properties acquisition, and publicity. Students work as an ensemble to produce and perform in major school productions and participate in local theatre competitions.

Theatre 1 [P]
Course ID# 62100
Meets UC/CSU (f) requirements
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Theatre 1 provides an introduction to theatre as a discipline and art form. Through theatre games and improvisation exercises, students will develop confidence, trust, and voice and movement skills. As they give and receive criticism on performances in and outside of class, students will apply evaluation criteria and appreciate excellence in performance. By studying theatre as an expression of both history and culture, students will explore the way in which theatre affects and is affected by our societal context.

Theatre 2 [P]
Course ID# 62200
Meets UC/CSU (f) requirements
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Theatre 2 builds on knowledge and skills introduced in Theatre 1. Students develop more specific skills in the areas of: acting, design, playwriting, script analysis, research, directing, and presentation. This course focuses on the performance aspect of drama such as improvisation, monologues, and ensemble acting. Emphasis will be placed on learning, performing, and understanding Shakespeare with regards to writing style and a focus on a specific play. Students will learn in depth the fundamentals of theater including: theater terms, the development of theater over time, acting techniques, character analysis, stage movement, prop and costume usage. Students will also be able to develop the ability to self-correct in response to suggestions, demonstrate the ability to establish aesthetic criteria and apply it in evaluating their own work and that of others, and demonstrate an understanding of theater in various cultures and historical periods.

Theatre Advanced [P]
Course ID# 62300
Meets UC/CSU (f) requirements
Grades: 10-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirement for graduation
Description: Theatre Adv is a course on the deeper mechanics, techniques, and theories of the art of theatre. There are three major components to this course, which culminate in the learner's individual ability to produce a meaningful piece of theatre. One focus of the course is an acting intensive, using a well-researched, respected technique. The second focus is on the study of the scene as a cohesive unit of theatre. The third is the analysis of a complete play script, from the points of view of actor, director, and designer.

Technical Theatre
Course ID# 62000
Grades: 9-12
Course Length: Year
Graduation: Satisfies fine arts or elective requirement for graduation
Description: This course covers design and construction of stage scenery and lighting. Students will learn to operate all stage equipment and will gain experience in the use of design and color techniques. Students will work as the technical staff for all productions. A focus on acquiring skills in all areas of technical theater will be emphasized.

Wind Ensemble [P]
Course ID # 57250
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school fine arts requirements for graduation
Description: This course is for students who have been highly successful in Band 1, Band 2 Band 3 or the equivalent and want to continue on their instrument. Students will continue their core instrument practices but also focus heavily on music history and performance aesthetics.

World Languages
The ability to speak a foreign language is becoming increasingly important in our interdependent world. Students entering a foreign language program are encouraged to continue it through the four-year sequence. Courses out of the normal sequence do not count for Cal State or University of California earned credit.

French 1[P], 2[P], 3[P]
Course ID# 42000, Course ID# 42200, Course ID# 42300
Meets the UC/CSU (e) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Students will develop an understanding and appreciation of the cultural diversity of the French-speaking world. Students will develop proficiency in the four modes of communication: listening, reading, writing, and speaking. Students will comprehend and acquire knowledge through authentic written texts and aural materials, e.g., videos, music, and internet resources, at increasing levels of difficulty and will learn to express themselves in oral and written French. Materials and expected proficiency in the language are determined by the level of the class. Advancement to the next course requires a mark of 'C' or better.

French 4 [H]
Course ID# 42400
Meets the UC/CSU (e) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Students will develop an understanding and appreciation of the literary and cultural heritage of the French-speaking world. Students will advance their proficiency in the four modes of communications: listening, reading, writing, and speaking. Authentic reading materials will include poetry, drama, short stories and novels by important French and Francophone authors. Listening comprehension skills will be developed through the inclusion of French videos, music, and various internet resources. Students will demonstrate their proficiency through advanced writing, discussion, and oral presentations. French 4 meets the University of California honors requirements.

AP French Language
Course ID# 42500
Meets the UC/CSU (e) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Students will study advance language structures, read advanced literature and non-fiction texts, participate in analytic discussions, improve their ability to comprehend native French speakers, and write well-developed, cohesive paragraphs and essays. Class is conducted entirely in French. The reading materials include poetry, drama, short stories and novels by important French and Francophone authors. Students will complete the College Board-approved course of study that includes preparation for the AP exam in the four modes of communication: reading, writing, listening and speaking. Students completing this course are encouraged to take the Advanced Placement French Language Test and will earn transferable college credit if passed at a "3" or higher.

Spanish 1 [P], 2 [P], 3 [P]
Course ID# 45300, Course ID# 45500, Course ID# 45600
Meets the UC/CSU (e) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Students will develop an understanding and appreciation of the cultural diversity of the Spanish-speaking world. Students will develop proficiency in the four modes of communication: listening, reading, writing, and speaking. Students will comprehend and acquire knowledge through authentic written and aural materials, e.g., videos, music, and internet resources, at increasing levels of difficulty and will learn to express themselves in oral and written Spanish. Materials and expected proficiency in the language are determined by the level of the class. Advancement to the next course requires a mark of 'C' or better.

Spanish 4 [H]
Course ID# 45700
Meets the UC/CSU (e) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Students will develop an understanding and appreciation of the literary and cultural heritage of the Spanish-speaking world. Students will advance their proficiency in the four modes of communications: reading, writing, listening, and speaking. Authentic reading materials will include poetry, drama, short stories and novels by important Spanish and Latin American authors. Listening comprehension skills will be developed through the inclusion of Spanish videos, music, and various internet resources. Students will demonstrate their proficiency through advanced writing, discussion, and oral presentations. Spanish 4 meets the University of California honors requirements.

Spanish for Spanish Speakers 1 [P]
Course ID# 45990
Grades: 9-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: The focus of this class is reading and writing in the Spanish language. Content includes the study in Spanish of the cultures and history of Spanish-Speaking countries. Students will interpret works on a variety of topics and concepts integrated with the core curriculum, such as history, government, science, economics, and literature. Students will discover Hispanic contributions to humanity through reading and research as well as the influences of humanity upon the various cultures leading to a better understanding of and appreciation for themselves and their heritage.

Spanish for Spanish Speakers 1 [P]
Course ID# 45992
Grades: 10-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: The course is designed for students fluent in conversational Spanish, and provides instruction to improve students' reading, listening, speaking and writing skills. It is a continuation course and students will take it once they complete Spanish for Spanish Speakers 1 course. The course is conducted solely in Spanish and students will be expected to communicate using both formal and informal Spanish by completing various types of writing and presentations. Grammar, reading analysis and communicative skills will also be areas of focus.

AP Spanish Language
Course ID# 45800
Meets the UC/CSU (e) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Students will study advance language structures, read advanced literature and non-fiction texts, participate in analytic discussions, improve their ability to comprehend native Spanish speakers, and write well-developed, cohesive paragraphs and essays. Class is conducted entirely in Spanish. The reading materials include poetry, drama, short stories and novels by important Spanish and Latin American authors. Students will complete the College Board-approved course of study that includes preparation for the AP exam in the four modes of communication: reading, writing, listening and speaking. Students completing this course are encouraged to take the Advanced Placement Spanish Language Test and will earn transferable college credit if passed at a "3" or higher.

AP Spanish Literature
Course ID# 45900
Meets the UC/CSU (e) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Students will gain a proficiency in language skills that enables them to read and comprehend representative works of Spanish literature and express critical opinions in correct oral and written Spanish. Students will acquire the basic concepts and terminology of textual analysis. Class is conducted entirely in Spanish. Students will complete a College Board-approved course of study that is designed to introduce students who have advanced language skills to the formal study of a representative study of literary texts. Students completing this course are encouraged to take the Advanced Placement Spanish Literature Test and will earn transferable college credit if passed at a "3" or higher.

Japanese 1 [P], 2 [P], 3 [P]
Course ID# 44100, Course ID# 44150, Course ID# 44200
Meets the UC/CSU (e) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Japanese 1: Students will mainly learn the basic Japanese writing system, Hiragana, Two additional written systems, Katakana and basic Kanji (Chinese characters), will also be introduced. Students will learn about Japanese culture, customs, and etiquette. The goal of this course is to provide and develop basic skills and knowledge of Japanese culture and language (reading, writing, speaking, and listening). Through the study of new language and culture, students will discover multiple ways of viewing the world and become culturally sensitive and respectful of diversity. Advancement to the next course requires a mark of 'C' or better.

Japanese 2 is designed for those who have taken Japanese 1 or who have the equivalent knowledge and skills. New vocabulary, Katakana (phonetic alphabet) and Kanji, Chinese characters, will be introduced in this course. Students will also learn about...
Japanese culture, customs, and etiquette. The goal of this course is to provide and develop advanced skills and knowledge of Japanese culture and language. The students will develop all four language skills: listening, writing, speaking, and reading through oral drills, communicative activities, games, and writing workbook. Through learning and experiencing new language and culture, students will discover multiple ways of viewing the world and become culturally sensitive and respectful of diversity. Advancement to the next course requires a mark of 'C' or better.

Japanese 3 is designed for those who have taken Japanese 2 or who have the equivalent knowledge and skills. About 60 more Kanji, Chinese characters, will be introduced in this course. Students will also learn about Japanese culture, customs, and etiquette. Many lessons take students out into the community with Ken and Mari (main characters in the textbook) to use Japanese in real-life situations, e.g., at a Japanese restaurant, speaking with Japanese tourists, giving directions, etc. There are also topics drawn from school life, which as sports, illness, and school rules. Through learning and experiencing new language and culture, students will discover multiple ways of viewing the world and become culturally sensitive and respectful of diversity. Advancement to the next course requires a mark of 'C' or better.

**Japanese 4 [H]**
- **Course ID# 44250**
- Meets the UC/CSU (e) requirement
- **Grades:** 11-12
- **Course Length:** Year
- **Graduation:** Satisfies foreign language requirement for both UC/CSU and high school graduation
- **Description:** Japanese 4 [H] is designed for students who have successfully completed Japanese 3 or have equivalent knowledge and skills. Over 60 Kanji (Chinese characters), will be introduced in this course, including review of some AP level Kanji. In the process, students will learn about high school life in Japan, discuss and experience the entertainment world in Japan, and use Japanese to discuss weather, geography, mathematics, technology, housing and real estate, and more. Class activities will encourage students to make comparisons between their own culture and Japanese culture. Japanese honors students will study and apply advanced language structures and communication skills as they read and/or listen to and analyze advanced, varied, and culturally authentic literature, newspaper and magazine articles, film and television, textbook audio recordings, and news broadcasts on the Internet. Classes will be conducted in Japanese with the curriculum aligned to the 5 ACTFL National Standards for the Learning of Japanese: Communication, Culture, Connections, Comparisons and Communities (5 Cs). It is also aligned to Common Core expectations that all students are "college-, career-, and world-ready".

**AP Japanese Language and Culture**
- **Course ID# 44300**
- Meets the UC/CSU (e) requirement
- **Grades:** 11-12
- **Course Length:** Year
- **Graduation:** Satisfies foreign language requirement for both UC/CSU and high school graduation
- **Description:**

**Latin 1 [P], 2 [P], 3 [P]**
- **Course ID# 44700, Course ID# 44800, Course ID# 44900**
- Meets the UC/CSU (e) requirement
- **Grades:** 9-12
- **Course Length:** Year
- **Graduation:** Satisfies foreign language requirement for both UC/CSU and high school elective for graduation
- **Description:** Students will develop an understanding and appreciation of the cultural diversity of the Greco-Roman World. Latin provides a useful base for learning how many European languages work. The important goals of classical language study are the development of reading skills in the target language, the close study of works of ancient literature, and the creation of a deep understanding of the target culture. Advancement to the next course requires a mark of 'C' or better.

**Mandarin 1 [P]**
- **Course ID# 42991**
- Meets the UC/CSU (e) requirement
- **Grades:** 9-12
- **Course Length:** Year
- **Graduation:** Satisfies foreign language requirement for both UC/CSU and high school for graduation
- **Description:** Mandarin 1 [P] is designed as an introductory course to the study of Mandarin. Students will gain a foundational understanding of Mandarin language phonology, structure, syntax, and semantics. In the process of acquiring these skills, they will be exposed to Chinese traditions, culture and modes of thought, allowing them to engage in oral and written communications that are culturally appropriate. As they acquire the language structure and vocabulary necessary to communicate in Chinese, they will engage in conversations about things relevant to their daily lives, including but not limited to meeting and greeting people, using numbers, making phone calls, telling time and talking about calendars and schedules, asking and replying to questions, describing people, things and places, and asking for and giving directions. As students delve deeper into Chinese customs and traditions, they will also explore essential questions related to 'mianzi' (face or dignity), Sheng Xiao (the Chinese Zodiac), and the concept of 'flat world' in terms of globalized economies, social interactions, knowledge acquisition, and education. Students in Mandarin 1 will learn the basics of reading and writing using the Pinyin alphabet and simplified Chinese characters, and be able to read selected traditional Chinese characters.

**Mandarin 2 [P]**
- **Course ID# 42992**
- Meets the UC/CSU (e) requirement
- **Grades:** 9-12
- **Course Length:** Year
- **Prerequisites:** Mandarin 1
- **Graduation:** Satisfies foreign language requirement for both UC/CSU and high school for graduation
- **Description:** Mandarin 2 is the continuation of Mandarin 1 and designed for students who have developed strong basic skills, and are ready to continue further study to improve proficiency in speaking, listening, reading and writing in Mandarin. Students will gain strong understanding of proper usage of Mandarin language with real-life related reading dialogues. In the process of acquiring these skills, they will be exposed to Chinese traditions, culture and modes of thought, allowing them to engage in oral and written communications that are culturally appropriate. As they acquire the language structure and vocabulary necessary to communicate in Chinese, they will explore essential questions related to 'mianzi' (face or dignity), Sheng Xiao (the Chinese Zodiac), and the concept of 'flat world' in terms of globalized economies, social interactions, knowledge acquisition, and education. Students in Mandarin 2 will further learn reading and writing using the simplified Chinese characters, and be able to communicate with native speakers and other students in Mandarin.

**American Sign Language I [P], II [P]**
- **Course ID# 41000, Course ID# 41200**
- Meets the UC/CSU (e) requirement
- **Grades:** 9-12
- **Course Length:** Year
- **Graduation:** Satisfies foreign language requirement for both UC/CSU and high school graduation
- **Description:** Students will learn the basic receptive and expressive structure of the language and will develop an in-depth understanding of the language. The primary objective is the ability to converse in the language as well as learn about and understand the culture of the hearing impaired.
American Sign Language 3 [P]
Course ID# 41300
Meets the UC/CSU (e) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: Students will build off the knowledge and skills learned in American Sign Language 1 and 2. The course will focus more heavily on the following: significant historical figures and events, cultural norms and stereotypes, effects of technology on Deaf culture, read and discuss culturally appropriate texts, stating opinions and points of view through the use of ASL. Skills will be developed from an informal to formal presentation style to explain and articulate complex ideas and concepts.

American Sign Language IV [H]
Course ID# 41400
Meets the UC/CSU (e) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies foreign language requirement for both UC/CSU and high school graduation
Description: This course is a continuation of the study of ASL. ASL IV will include lessons on Deaf History, Culture, Literature, Poetry, classifiers, gloss and the linguistics of ASL. Prerequisite: Completion of ASL III with a grade of C− or better.

MISCELLANEOUS ELECTIVES

Aerospace IV Airforce JROTC
Course ID# 8758J
Grades: 12
Course Length: Year
Graduation: Satisfies graduation requirement for elective credit.
Description: Students will be allowed to manage the entire corps during their fourth year in the Air Force JROTC program. This hands-on experience affords the students the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills.

AFJROTC Aerospace
Course ID# 8755J
Grades: 9-10
Course Length: Year
Graduation: Satisfies graduation requirement for elective credit.
Description: This is the recommended first course for all new cadets. Students will learn aviation history, focusing on the development of flight throughout the centuries. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force. There are readings, videos, hands-on activities, and in-text and student workbook exercises to guide the reinforcement of the materials.

AFJROTC Leadership Education
Course ID# 8756J
Grades: 9-10
Course Length: Year
Graduation: Satisfies graduation requirement for elective credit.
Description: Students (cadets) will learn the history, organization, mission, traditions, goals, and objectives of JROTC for all services. Lessons will cover how to be emotionally, mentally, and physically healthy. The course also covers an introduction to civics and the national government, including a historical understanding of the American flag and other important national symbols. Students (cadets) will also be taught about the U.S. Constitution and how it protects citizens’ rights and freedoms.

AFJROTC Wellness Program
Course ID# 8757J
Grades: 9-11
Course Length: Year
Graduation: Satisfies graduation requirement for elective credit.
Description: Students (cadets) will utilize the time to learn the importance of keeping themselves well and helping others to stay well. They will work together in flights or teams during friendly team oriented competitions, practice drill commands, and exercise in preparation for undertaking the United States Presidential Physical Fitness Exam.

Analytical Forensic Science [P]
Course ID# 83700
Grades: 9-12
Course Length: Year
Graduation: Satisfies the UC/CSU and graduation requirement for elective credit.
Description: This course has an emphasis on understanding the underlying scientific theories of forensic science. The class will build upon students’ prior knowledge of biology and chemistry, using chemistry techniques to analyze and identify trace evidence, including DNA. Students will evaluate the constituents of materials by organic, inorganic, and biochemical analysis, and apply their academic and laboratory skills to develop a deeper understanding of science.

Anatomy & Physiology [P]
Course ID# 62980
Grades: 9-12
Course Length: Year
Graduation: Satisfies the UC/CSU and graduation requirement for elective credit.
Description: An elective course that is designed to teach high school level students about the structure and function of each organ system in the human body including the cellular level. This course touches on the common functions and diseases that can occur within each body system.

Applied Research Methods for Contemporary Issues [P]
Course ID# 89785
Grades: 9-12
Course Length: Year
Graduation: Satisfies the UC/CSU and graduation requirement for elective credit.
Description: An elective course that prepares students to conduct interdisciplinary research as part of a career pathway. This course is specifically aligned with the Information and Communications Technologies Career pathway. Students will use technology to access primary and secondary resources and to facilitate inquiries into contemporary issues and challenges, both local and global.

AP Computer Science A (C) [H]
Course ID# 30310
Grades: 11-12
Course Length: Year
Graduation: Satisfies the UC/CSU and graduation requirement for elective credit.
Description: Get familiar with the concepts and tools of computer science as you learn a subset of the Java programming language. You’ll do hands-on work to design, write, and test computer programs that solve problems or accomplish tasks.

AP Computer Science A
Course ID# 30300
Grades: 11-12
Course Length: Year
Graduation: Satisfies the UC/CSU and graduation requirement for elective credit.
Description: The design and implementation of computer programs to solve problems involves skills that are fundamental to the study of computer science. This includes the development and analysis of algorithms and fundamental data structures, and the use of logic and formal methods.
AP Computer Science (ROP)
Course ID# 3037R
Grades: 9-12
Course Length: Year
Graduation: Satisfies the UC/CSU and graduation requirement for elective credit.
Description: pending a course description.

AP Computer Science Principles (d) [P]
Course ID# 30399
Grades: 9-12
Course Length: Year
Graduation: Satisfies the UC/CSU and graduation requirement for elective credit.
Description: The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. There are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science.

ASB Leadership [P]
Course ID# 74650
Grades: 9-12
Course Length: Year
Graduation: Satisfies the UC/CSU and graduation requirement for elective credit.
Description: Leadership is a project-based course aimed at increasing students’ leadership capabilities. Through the planning and execution of numerous events for the school, students will discover how to best effect change in their communities. Students will read extensively about the nature of leadership and its different styles. Additionally, students write frequently—critically, reflectively, persuasively—and speak about the real world issues that arise from the planning of events. Students will also learn about how to take their leadership skills set into the community. They will learn the basics of community organizing and civic engagement. Community build and community organizing will help take student leadership in anew direction and create a new career pathway for future leaders.

Broadcast Journalism (ROP)
Course ID# 2256R
Grades: 11-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This course focuses on the analysis and practice of electronic news gathering (ENG), media production and presentation from a variety of theoretical, philosophical, artistic and historical perspectives.

Civil Engineering & Architecture (PLTW)
Course ID# 8265R
Grades: 11-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This course provides an overview of civil engineering and architecture, emphasizing how they are related and interdependent. The curriculum covers topics such as the roles civil engineers and architects play, project planning, site planning, building design, project documentation and presentation. Project based learning activities employ state of the art CAD and stress analysis software, surveying instruments, soil testing equipment and applied computation formulas to structural engineering principles to allow students to gain a solid understanding of the skill bank required of Civil Engineers and Architects.

College and Career Readiness [P]
Course ID# 81007
Grades: 9-12
Course Length: Year
Graduation: Satisfies science (d) requirement for UC/CSU and high school graduation
Description: This is a two semester course designed to help students learn and practice valuable skills to help them be college and career ready. Students will demonstrate their understanding of career paths through a variety of assessments, projects, job simulations, speeches, research assignments, online portfolio, and a research paper. Students will identify academic interests, skills, values and personality types, research employers and industries, gain experience with public speaking and interview skills, familiarize themselves with college job search tools, strengthen writing skills, learn goal setting, solidify research techniques, and write a research paper utilizing correct MLA format.

Computer Graphic Arts (ROP)
Course ID# 3060R
Grades: 11-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This class will enable students to achieve an understanding and appreciation of artistic expression and use this knowledge to enhance visual communication. Students will explore drawing techniques and tools used in computer art and digital graphics. Students create original art projects using contemporary techniques in computer graphics.

Computer Integrated Manufacturing [P]
Course ID# 30630
Grades: 11-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: Computer Integrated Manufacturing (CIM) is the study of manufacturing planning, integration, and implementation of automation. The course explores manufacturing history, individual processes, systems, and careers. ... CIM is one of the specialization courses in the Project Lead The Way high school engineering program.

Computer Science [P]
Course ID# 30400
Grades: 11-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This class provides an overview of civil engineering and architecture, emphasizing how they are related and interdependent. The curriculum covers topics such as the roles civil engineers and architects play, project planning, site planning, building design, project documentation and presentation. Project based learning activities employ state of the art CAD and stress analysis software, surveying instruments, soil testing equipment and applied computation formulas to structural engineering principles to allow students to gain a solid understanding of the skill bank required of Civil Engineers and Architects.

Computer Science Essentials PLTW [P]
Course ID# 31025
Grades: 9-12
Course Length: Year
Graduation: Satisfies science (d) requirement for UC/CSU and high school graduation
Description: CS Essentials introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. The course engages students in computational thinking practices and collaboration strategies, as well as industry-standard tools authentic to how computer science professionals work. Students will learn about professional opportunities in computer science and how computing can be an integral part of all careers today. The following is a list of the units of study in the course
programming and text-based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. The course engages students in computational thinking practices and collaboration strategies, as well as industry-standard tools authentic to how computer science professionals work. Students will learn about professional opportunities in computer science and how computing can be an integral part of all careers today. The following is a list of the units of study in the course.

**Creative Writing [P]**
Course ID # 34700
Meet UC/CSU (g) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school elective requirements for graduation
Description: Creative Writing offers experiences in reading, writing, and publishing, so that students perceive themselves as writers who can be published. Students read extensively in short fiction and poetry, and write frequently, participating in the campus literary magazine. Students will author a web site to publish their own work. In addition, students will participate in a public poetry reading and submit their work to at least one contest and publication outside the school community. This course prepares students for entry-level positions in the desktop publishing industry. Integrated throughout the course are career preparation standards which include basic academic skills, communication, interpersonal skills, problem solving, workplace safety, technology and employment.

**Engineer Your World [P]**
Course ID # 81005
Grades: 9-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This course is a year long high school engineering curriculum course. Students will learn more about engineering and its role in shaping our world. Developed by University of Texas faculty and NASA engineers working in collaboration with experienced secondary teachers and curriculum developers, this hands-on course engages students in authentic engineering practices in a project-based environment. By scaffolding student learning over a series of engaging and socially relevant design challenges, the curriculum tells students the story of engineering as they develop design skills and engineering habits of mind.

**English/Reading**
Course ID # 36300
Grades: 9-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation
Description: This course supplements English Language Arts courses and focuses on a student's continued development of reading fluency, comprehension, and vocabulary acquisition.

**Family Life Education**
Course ID # 32650
Grades: 10-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation
Description: In this course students may study relationships, prenatal development, childbirth, nutrition, and child growth and development.

**Financial Literacy [P]**
Course ID # 23150
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and graduation requirement for elective credit
Description: This course, Business and Financial Literacy, is designed to provide students with an analytical perspective as to how today’s organizations operate and to provide an overview of the financial operations of a business. The course attempts to emulate the academic rigor of a college class, while simultaneously studying the basic business principles essential to understanding and navigating the future of business. Upon completion of this course, students are expected to demonstrate a clear understanding of basic accounting principles, fundamentals of economics, business plan development, financial and career planning, and money management strategies. Students will gain highly marketable skills that will prepare them for postsecondary education, advanced training and/or employment. Students will gain a solid understanding of both business and personal finances.

**Foods and Nutrition**
Course ID # 32800
Grades: 9-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation
Description: This course, Foods and Nutrition, will cover specific topics in foods and nutrition related to one’s health.

**Health Science Emergency Medicine [P]**
Course ID # 83505
Grades: 9-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This course is a contemporary-based, preparatory course for the EMT (Emergency Medical Technician) program and is designed to prepare students for both entry-level positions into the health care industry and for success in postsecondary education. Students are engaged in learning about the philosophy, history, future, and components of the emergency system, the well-being of the first responders, the responsibility of emergency services in a community, and legal issues related to emergency services.

**Info Systems Design & Management 2 (ROP)**
Course ID # 2483R
Grades: 10-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This course is a contemporary-based, preparatory course for the EMT (Emergency Medical Technician) program and is designed to prepare students for both entry-level positions into the health care industry and for success in postsecondary education. Students are engaged in learning about the philosophy, history, future, and components of the emergency system, the well-being of the first responders, the responsibility of emergency services in a community, and legal issues related to emergency services.

**Info Systems Design & Management 2 (ROP)**
Course ID # 2478R
Grades: 10-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: An advanced course in information systems that adheres to State of California Career Technical Education (CTE) Information Technology Standards, and to the new California Common Core Standards. Students in this course will move on to topics in programming, and assembling and programming robots. Lectures from the industry professionals discuss careers in the information technology industry.

**Library Assistant**
Course ID # 32800
Grades: 10-12
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation
Description: Assists in setting up labs, organizing storeroom, and other duties as assigned by the teacher.
Math Academic Support
Course ID# 53710
Grades: 9
Course Length: Year
Graduation: Satisfies elective requirement for high school graduation
Description: This course is designed for students to strengthen basic math concepts and skills.

Mind Matters [P]
Course ID# 84505
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and graduation requirement for elective credit
Description: In this upper level health science course, students will explore mental and behavioral health through a variety of disciplines including reading and writing, mathematics, history and lab science. They will define mental illness, differentiate between myths and truths about mental health and identify how the anatomy and physiology of the nervous system relates to physical, mental, and emotional health.

OneGoal 101 [P]
Course ID# 80310
Grades: 11
Course Length: Year
Graduation: Satisfies UC/CSU and graduation requirement for elective credit
Description: The OneGoal class is offered as a daily, credit-bearing in school course, for a total of 3 3/4 hours a week during student’s junior and seniors of high school. This proposal is for the Year one class. In Year 1 (Junior year) and Year 2 (Senior year), teachers who we call Program Directors, are fostering the development of the Pillars of Fellow Success in students: Values and Purpose, Social belonging, Self Awareness, Self Efficacy, Growth Mindset, Academic Approach, College Identity, and Agency. In Year 3 (freshman year of college) Program Directors continue to support their cohorts of students via intensive, remote coaching to ensure that students demonstrate the academic, financial, and social indicators of college success, driven by utilizing their non-cognitive skills, in the critical first year of college. Typically, students receive about 2 hours of weekly support by their OneGoal Teacher during Year 3, with support usually in the form of text messaging, emails, social-media touch points and phone calls.

OneGoal 201 [P]
Course ID# 80320
Grades: 12
Course Length: Year
Prerequisites: OneGoal 101
Graduation: Satisfies UC/CSU and graduation requirement for elective credit
Description: The OneGoal class is offered as a daily, credit-bearing in school course, for a total of 3 3/4 hours a week during student’s junior and seniors of high school. This proposal is for the Year one class. In Year 1 (Junior year) and Year 2 (Senior year), teachers who we call Program Directors, are fostering the development of the Pillars of Fellow Success in students: Values and Purpose, Social belonging, Self Awareness, Self Efficacy, Growth Mindset, Academic Approach, College Identity, and Agency. In Year 3 (freshman year of college) Program Directors continue to support their cohorts of students via intensive, remote coaching to ensure that students demonstrate the academic, financial, and social indicators of college success, driven by utilizing their non-cognitive skills, in the critical first year of college. Typically, students receive about 2 hours of weekly support by their OneGoal Teacher during Year 3, with support usually in the form of text messaging, emails, social-media touch points and phone calls.

Principles of Engineering (PLTW)
Course ID# 6879R
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and graduation requirement for elective credit
Description: This course exposes students to some of the major concepts they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science and technology.

Rehabilitation Therapy Services [P]
Course ID# 82405
Grades: 11-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This course provides students with specific skills training while exposing students to rehabilitation therapy careers and preparing them to begin the college level requirements for registered physical, occupational or rehabilitation therapy programs.

Publications ROP [P]
Course ID# 8362R
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU (g) requirement and graduation requirement for elective credit
Description: This course enables students to participate in the production of the school yearbook and is journalistic in nature. Students learn layout design, write and fit copy, captions, headlines and create mini-biography modules, sell advertisements, learn basic photography skills, and strengthen technical computer skills.

Public Health Solutions [P]
Course ID# 82505
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU (g) requirement and graduation requirement for elective credit
Description: Using an interdisciplinary approach to the subject of Public Health, students sharpen their reasoning and analytical skills to become effective researchers and advocates for public health in their community. The course, Public Health Solutions presents seven thematic units that hone student’s ability to read, research, write and create a variety of texts and multimedia presentations for a variety of audiences including those who directly benefit from public health services to the political, government and community leaders who have the ability to change attitudes and policies. A discussion of Public Health is not complete without an introduction to Epidemiology, the science of Public Health. Students gain an understanding of the identifying associations that affect the health of their communities including culture, socioeconomic factors, community, personal behaviors, medical care, and the environment. As a result of their examinations, research, and collaborations, students generate a variety of projects that address and evaluate health promoting and disease preventing interventions appropriate to the needs of their community.

SAT Prep
Course ID# 90430
Grades: 12
Course Length: Semester
Graduation: Satisfies elective requirement high school graduation
Description: This course utilizes the College Board materials: the SAT website, Khan Academy, and the SAT Student Guide to prepare students for taking the SAT.

Service Learning
Course ID# 77000
Grades: 9-12
Course Length: Satisfies graduation
requirement
Graduation: Students who complete the approved project will satisfy the Service Learning graduation requirement.
Description: Students are required to complete at least one Service Learning Project in order to graduate. In order to fulfill the WCCUSD graduation requirement, students will be given an opportunity to complete a service-learning experience integrated into the curriculum of Government or Economics course in their senior year. The graduation requirement can also be met at other times in grades 9-11 and in other academic classes. Service Learning can occur in a variety of contexts. Many successful projects occur on the school campus. Recycling campaigns, cross-age tutoring, campus beautification, community gardens, research, analysis and reporting on a variety of current topics, safety and health related projects are examples of some excellent Service Learning projects that can occur on school sites. The following five elements must be in place in order for it to count as a Service Learning Experience: 1) Meets the needs of a community, and has an identified partner, 2) Integrates into and enhances the rigorous academic curriculum, 3) Is aligned with state standards, 4) Fosters civic responsibility, and 5) Provides structured time for student reflection.

Set Design & Construction [P]
Course ID# 21280
Grades: 9-12
Course Length: Year
Graduation: Satisfies elective requirement for UC/CSU and high school graduation
Description: This course covers stage design theory and principles and practices of set construction. Students employ skills in communication, research, creativity, critical thinking, technology, and project management to cooperatively design and build sets for the stage. Students demonstrate these skills by constructing sets suitable to the physical space, mood, time period, and client needs and desires. Students learn to read blueprints and build accurately.

Student Assistant
Course ID# 58001
Grades: 12
Course Length: Year
Graduation: Satisfies elective requirement high school graduation
Description: A period where a student serves as an assistant to a teacher (either during a course where the teacher is providing instruction to other students or during a teacher preparation period) and is not receiving educational content for which they receive credit toward graduation.

SPECIALY DESIGNED ACADEMIC INSTRUCTION IN ENGLISH (SDAIE) COURSES

Algebra 1 SL [P]
Course ID# 15180
Meets UC/CSU (c) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school math requirement for graduation
Description: This is a first year algebra course in which students will learn to solve problems with the first semester focused on linear equations and constant rates of change followed by problems that involve quadratic functions and systems of linear equations. They will use reasoning skills, their knowledge of properties of numbers, inverse operations, graphing and other algebraic techniques to solve linear equations and quadratic equations, as well as connect those solutions to their corresponding graphs. Students will know that functions have multiple representations: a set of points, a graph, an equation, and a situation. The course also includes exponents, polynomial arithmetic, rational expressions and ratio and proportion. This course is intended for students with limited math and English proficiency. This is the first course in a series required by the UC/CSU admissions' system.

Geometry SL [P]
Course ID# 15270
Meets the UC/CSU (c) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school math requirement for graduation
Description: This course focuses on problem solving within the setting of Euclidean and coordinate geometry. Important skills and concepts include: angle relationships within plane figures and those of lines cut by a transversal; distance, area, surface area and volume; triangle similarity and proportion; similarity and congruence of polygons; and transformations. Students will learn the subtleties of the Pythagorean Theorem through its proof and applications. They will learn and apply right triangle trigonometry. Students will develop their ability to construct and articulate logical, convincing arguments that includes a facility with formal proof and deductive reasoning, and recognizing the patterns of inductive reasoning. This course in intended for limited English learners.

Algebra 2 SL [P]
Course ID# 15190
Meets the UC/CSU (c) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school math requirement for graduation
Description: This is a course that completes all topics of second-year Algebra: linear functions, systems of linear equations and inequalities, quadratic functions and complex numbers, exponential and logarithmic functions, rational and irrational algebraic functions, quadratic relations, higher degree functions and polynomials, sequences and series, introduction to probability and statistic. The course includes mathematical modeling of real-world problems. Appropriate technology: graphing calculators, and computer software, is used to further explore and deepen mathematical understanding of concepts presented by the course. This course is intended for English learners.

World History SL [P]
Course ID# 17850
Meets the UC/CSU (a) requirement
Grades: 9-10
Course Length: Year
Graduation: Satisfies UC/CSU and high school history requirement for graduation
Description: Intended for students with a limited English proficiency. This class serves as an introduction to the social sciences with area studies of Europe, Asia, Latin America and Africa. This course is intended for English learners.

U.S. History SL [P]
Course ID# 17550
Meets the UC/CSU (a) requirement
Grades: 11-12
Course Length: Year
Graduation: Satisfies UC/CSU and high school history requirement for graduation
Description: Intended for students with a limited background in U.S. History and limited English proficiency. The course begins with early American history and is limited to the most
important historical events and ideas. A greater emphasis is placed on the period of history since the Civil War. This course is intended for English Learners.

**American Government SL [P]**

Course ID#: 17270
Meets the UC/CSU (a) requirement paired with Economics
Grades: 12
Course Length: Semester
Graduation: Satisfies UC/CSU and high school requirement for graduation
Description: The theory and structure of the American political and legal systems; including the study of the executive, legislative, and judicial branches, the American political process, and state, country, local governments. This course is intended for non-English or limited English speakers.

**Economics SL [P]**

Course ID#: 17370
Meets the UC/CSU (g) requirement paired with American Government
Grades: 12
Course Length: Semester
Graduation: Satisfies both WCCUSD and UC/CSU graduation requirements
Description: An overview of American history with emphasis on significant people, groups, institutions, events, and places from the pre-Civil War period to the present, and follows the California State Framework for Social Science. This course is intended for English learners.

**Biology SL [P]**

Course ID#: 16470
Meets the UC/CSU (d) requirement
Grades: 9-12
Course Length: Year
Graduation: Satisfies Life Science lab requirement for UC/CSU and high school life science requirement for graduation
Description: The study of life from the molecular level, cellular level to the whole organism including the study of interactions and interrelationships of living things and their environment. This course is designed to equip the student with independent study skills and basic background to compete successfully in higher lab science courses in high school. This course is intended for English learners.

**Chemistry SL [P]**

Course ID#: 16550
Meets the UC/CSU (d) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies Physical Science lab requirement for UC/CSU and high school physical science requirement for graduation
Description: This course introduces students to the study of the structure and properties of matter and the changes it undergoes. It emphasizes the development of chemical principles and theories on the basis of experimental data and includes many laboratory experiments and demonstrations. This course is intended for English learners.

**U.S. History BL [P]**

Course ID#: 17500
Meets the UC/CSU (a) requirement
Grades: 11
Course Length: Year
Graduation: Satisfies the U.S. History requirement for UC/CSU and U.S. History requirement for graduation
Description: An overview of American history with emphasis on significant people, groups, institutions, events, and places from the post-Civil War period to the present, and follows the California State Framework for Social Science. The course is taught in Spanish for Spanish speakers.

**World History BL [P]**

Course ID#: 17800
Meets the UC/CSU (a) requirement
Grades: 10-12
Course Length: Year
Graduation: Satisfies the requirement for UC/CSU and World History requirement for graduation
Description: Survey of the history of the world, its civilizations, people, geography, and development, beginning with the Renaissance. Emphasis is on modern times and the origins and roots of current situations and problems. This class meets the California State Framework for Social Science. This course is intended for English learners.

**Middle College Courses**

**African American 110**
Course ID#: 310CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of elective requirement high school graduation
Description: This course will provide students with a historical awareness and a multidisciplinary overview of African American studies as an academic discipline. It will focus on the sociopolitical and cultural experience of African Americans in the United States. Topics to be covered include philosophy, history, religion, sociology, political economy, psychology and creative arts.

**Anthro 140 CCC (Intro to Physical Anthropology)**
Course ID#: 465CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of elective requirement high school graduation
Description: This course is an introductory physical anthropology course that deals with the theory and method of anthropology in the study of organic evolution as it relates to humans. The biological nature of humankind is studied through concepts of genetics, evolution and comparative anatomy.

**Biology 110 CCC (Intro to Biological Science)**
Course ID#: 142CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the life science requirement for high school graduation
Description: This course covers the principles and concepts of general biology through a study of the cell and its molecular nature, genetics, evolution, and a brief survey of the plant and animal kingdoms.

**Biology 132 (Human Anatomy)**
Course ID#: 132CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the life science requirement for high school graduation
Description: Human Anatomy is a course in the structure or morphology of the human body, covering basic cytology, histology and all major organs and organ systems. In addition, the two main integrative systems of the body, the nervous and endocrine systems are also covered, with a greater emphasis on neuroanatomy than on endocrinology. The course is taught both systemically and regionally, with developmental anatomy added when applicable. The muscles, bones, nerves and circulation of the limbs and back are approached regionally so as to better integrate all structures for student comprehension and retention. Organs, organ systems and neuroanatomy are taught from a systemic perspective. Course material progresses from a cellular and tissue level to an organ and organ system level. As each region or organ system is completed, its relationship to other organs systems and the whole organism is stressed. Specific
functions especially as they are related intimately to structure are also studied. For example, the presentation of the heart and of the Central Nervous System includes information on function.

**Business Office Technology 210A CCC**
Course ID# 210CC  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the elective requirement for high school graduation  
**Description:** This course is designed for the student to learn to key (type) using the touch system on a computer keyboard. Instruction includes basic operating systems commands, word processing commands, Internet research, email, and correct formats for correspondence and reports.

**Chemistry 119 CCC**  
Course ID# 119CC  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the physical science requirement for high school graduation  
**Description:** This course introduces the elementary principles of chemistry from a conceptual approach, focusing on the concepts of chemistry with little emphasis on the calculations. This course serves as a first course in chemistry.

**Chemistry 120 (General College Chemistry)**
Course ID# 1200C  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the physical science requirement for high school graduation  
**Description:** This course is the first semester of general college chemistry, equivalent to CHEM 001A at the University of California, Berkeley. It covers chemical concepts including elements, atoms, molecules, chemical reactions, chemical calculations, gases and gas laws, thermochemistry, quantum theory, chemical bonding, pure phases and solutions, and an introduction to acids, bases and chemical equilibrium.

**CIS 135 CCC**  
Course ID# 835CC  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the elective requirement for high school graduation  
**Description:** This course will familiarize the business person, first-time computer user, and transfer student with the skills needed to successfully operate a personal computer using commercially available software. Computer history, hardware, software and social issues are discussed, and students will be able to demonstrate computer literacy upon successful completion of this course. Students are introduced to general Windows operations, the Internet/Web, Microsoft Word, Microsoft Excel, Microsoft Access and BASIC programming.

**Concepts of Criminal Law [P]**
Course ID# 73350  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the elective requirement for high school graduation  
**Description:** This course is an introduction to the historical development, philosophy, and basic legal concepts of criminal law. The course includes an examination of constitutional provisions, legal research, legal analysis, and the functioning of criminal law as a social force. It also includes a detailed examination of legal definitions, classifications of law, penalties, corpus delicti, criminal intent, parties to a crime, defenses to crime, and a brief introduction to laws of arrest and judicial procedure.

**Counseling 120 CCC**  
Course ID# 820CC  
**Grades:** 9-12  

**Course Length:** Semester  
**Graduation:** Satisfies one semester of the elective requirement for high school graduation  
**Description:** This course is designed to assist students in obtaining the knowledge and skills necessary to successfully achieve their educational goals and effectively manage life challenges and transitions. Topics such as motivation and attitudes, time management, decision-making processes, goal-setting, critical thinking skills, study skills, and interpersonal communication will be explored. Students will evaluate their own skills and behaviors in relation to these topics and learn strategies to make meaningful choices about their education, career and personal goals.

**Drama 101 CCC (Intro to Theater)**
Course ID# 101CC  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the visual and performing arts requirement for high school graduation  
**Description:** This course focuses on the relationship of theatre to various cultures throughout history, and on the contributions of significant individual artists. This course introduces students to elements of the production process including playwriting, acting, directing, design, and criticism. Students will also survey different periods, styles and genres of theatre through play reading, discussion, films and viewing and critiquing live theatre, including required attendance of theatre productions.

**English 1A**
Course ID# 355CC  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the elective requirement for high school graduation  
**Description:** This course involves intensive training in writing, reading, research, and critical thinking. It is designed to help students write effectively in other college courses and later in their professional lives. It requires students to read and understand extended and often difficult texts from diverse perspectives, and to write substantial essays of at least 750 words about issues raised in those texts. ENGL 1A helps students develop their command of rhetorical strategies that will enable them to present their ideas cogently and persuasively.

**Health 120 CCC**
Course ID# 615CC  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the elective requirement for high school graduation  
**Description:** This course introduces the student to a new broad understanding of health, not as the absence of disease, but as an experience of well-being or wellness. Major concepts and issues pertaining to health will be presented and analyzed. Each student will be expected to explore his/her present lifestyle, and through the use of various classroom techniques, participants will be encouraged toestablish behavior leading to improving the following: interpersonal relations, physical fitness/exercise, stress management, nutrition, practice of safe sex, family planning, violence, reproductive health, aging, environmental hazards and safety, prevention of heart disease, substance abuse, cancer, and efficient utilization of the health care system.

**History 110 (History of African Civilization)**
Course ID# 410CC  
**Grades:** 9-12  
**Course Length:** Semester  
**Graduation:** Satisfies one semester of the elective requirement for high school graduation  
**Description:** This is a survey course which covers the origins of humanity in east Africa and the civilizations in various regions of Africa before slavery and colonialism. It examines ideas on the evolution of humanity among the Mbuti, Batwa, and San people, as well as the origins of the advanced Nile Valley civilizations of Kush (Ethiopia), Nubia, and Egypt. It also covers the civilization of Great Zimbabwe, and the influential Mali empire with its
seafaring tradition and Timbuktu university system, and its influence in southern Europe.

**History 120 (History of US Colonial to 1865)**
Course ID# 420CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the elective requirement for high school graduation
Description: This course covers the development of the United States of America after the Civil War. This survey course stresses an understanding of Reconstruction, the growth of big business, and domestic and foreign problems to provide a basis for a comprehensive and intelligent evaluation of current problems. The cultural, social, economic, geographic, diplomatic, and political factors involved in the evolution of American society are also analyzed through a variety of chronological reports. The historical development of the following national, ethnic, and racial groups such as American Indians, Europeans, Latinos, Africans, and Asians as well as women are also examined.

**History 121 (History of US 1865-Present)**
Course ID# 421CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the elective requirement for high school graduation
Description: This course covers the development of the United States of America after the Civil War. This survey course stresses an understanding of Reconstruction, the growth of big business, and domestic and foreign problems to provide a basis for a comprehensive and intelligent evaluation of current problems. The cultural, social, economic, geographic, diplomatic, and political factors involved in the evolution of American society are also analyzed through a variety of chronological reports. The historical development of the following national, ethnic, and racial groups such as American Indians, Europeans, Latinos, Africans, and Asians as well as women are also examined.

**History 122 (History of African Americans in the US)**
Course ID# 122CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the social requirement for high school graduation
Description: This course is a survey of Africans' role in American history which covers pre-colonial to 1865. Students will gain a deeper understanding of the geographic migrations of African people to the United States. Students will analyze the development of African American economic, social, and political institutions, as well as the U.S. Constitution. The historical development and contributions of Africans and other ethnic groups including Native Americans, Latinos, Asians, and Europeans will also be examined.

**History 123 (History of African Americans in the US (Pre-Colonial -1865))**
Course ID# 123CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the social science requirement for high school graduation
Description: This course is a survey of Africans' role in American history which covers pre-colonial to 1865. Students will gain a deeper understanding of the geographic migrations of African people to the United States. Students will analyze the development of African American economic, social, and political institutions, as well as the U.S. Constitution. The historical development and contributions of Africans and other ethnic groups including Native Americans, Latinos, Asians, and Europeans will also be examined.

**Humanities 120 (Intro to Humanities)**
Course ID# 121CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the elective requirement for high school graduation
Description: This course is a study of creativity and imaginative expression in a variety of disciplines. Students will study the methods used by artists, inventors, and innovators in many fields to discover what they can do to build stronger channels to their own inner creative resources. Course activities will include lectures, films, people, and creative people drawn from a wide variety of cultures, discussions of reading and exercises in developing creativity and an examination of how culture interacts with society.

**Humanities 113 (African American Humanities)**
Course ID# 113CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the elective requirement for high school graduation
Description: This course presents an integrated and historical study of African American culture and African Americans' influence upon American life. Emphasis will be upon philosophy, fine and applied arts, and ways by which they reflect the social, political, and economic realities of a culture.

**La Raza 127 CCC  (History of Latinos in the US 1846-Present)**
Course ID# 435CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the elective requirement for high school graduation
Description: This course covers US history from 1846 to present with an emphasis on Latinos and will cover the Mexican War, Civil War, Great Depression, labor movement history, the cold war, and the Latino struggles or civil rights. The course will emphasize Latino interactions with Africa Americans, Native Americans, Europeans, and Asian Americans. Students will analyze the development of American economic, social, and political institutions, as well as the United States constitution.

**La Raza 130 CCC  (Contemporary Chicano/Latino Literature)**
Course ID# 351CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the social science or elective requirement for high school graduation
Description: This course will provide a survey of contemporary literature written by Chicano/Latino authors in the U.S. and Latin America. This course will explore the diversity of social, political, economic, personal, cultural, and gender-based experiences of Chicano/Latino people through the use of poetry, novels, short stories, and essays written by such authors. The course will also explore issues of identity and challenge students to examine their own identity within their culture, whatever this may be.

**Math 135 CCC (College Algebra)**
Course ID# 135CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the math requirement for high school graduation
Description: The course content will include elements of coordinate geometry, algebraic functions, exponential and logarithmic functions, inverse functions and applications including curve sketching.

**Math 164 (Introduction to Probability and Statistics)**
Course ID# 164CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the elective requirement for high school graduation
Description: This course introduces the theory of probability and study of descriptive statistics and statistical inference. Included will be a general study of measure of central tendency and dispersion, probability models, random variables, probability distributions, and hypothesis testing. This is designed to serve as
an introductory course in statistics for the student in business, psychology, life sciences, and social sciences.

**Math 171 (Precalculus)**
Course ID# 171CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the honors math requirement for high school graduation
Description: This course presents the elements of coordinate geometry: algebraic and transcendental functions, including polynomial, rational, exponential, logarithmic, trigonometric and other algebraic functions; inverse functions; and curve sketching.

**Math 180 CCC (Applied Calculus)**
Course ID# 380CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the math requirement for high school graduation
Description: This course presents a study of the techniques of calculus with emphasis placed on the application of these concepts to business and management related problems. The applications of derivatives and integrals of functions including polynomials, rational, exponential and logarithmic functions are studied.

**Math 190 (Analytic Geometry and Calculus)**
Course ID# 190CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the math requirement for high school graduation
Description: The course content will include elements of analytic geometry, functions of a single variable, limits, techniques of differentiation, integration and applications.

**Math 191 (Analytic Geometry and Calculus)**
Course ID# 191CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the math requirement for high school graduation
Description: A continuation of the study begun in MATH 190, this course will cover elements of analytic geometry, differential and integral calculus, infinite series and their applications. Integration techniques, transcendental functions, and improper integrals will be included.

**Math 290 (Analytic Geometry and Calculus)**
Course ID# 290CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the math requirement for high school graduation
Description: This course further develops differential and integral calculus, with emphasis on functions of several variables, vectors, partial derivatives, multiple integrals, vector integration and vector fields, line and surface integrals, Green's theorem, Stoke's theorem, and divergence theorem.

**Math 292 (Introduction to Differential Equations)**
Course ID# 292CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the math requirement for high school graduation
Description: This course presents ordinary differential equations of first and second order, series solutions, linear differential equations, Laplace transforms and numerical solutions, as well as an introduction to Fourier series.

**Minorities in America**
Course ID# 17959
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of an elective requirement for high school graduation
Description: This course examines the experiences of U.S. minority groups and the relationships between minorities and “dominant group members,” those that hold power and privilege, in the general areas of race, class, and gender. A sociological framework is used to understand these dynamics, both currently and historically.

**Physics 110 CCC**
Course ID# 610CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the physical science requirement for high school graduation
Description: This course presents a descriptive study of the fundamental laws of forces, motion, heat, electricity, magnetism, optics, and modern physics, with discussions and experimental illustrations. The emphasis will be on the impact of physics on the layman. This course is not open to students who have completed any course in college physics.

**Physics 130 (General Physics)**
Course ID# 130CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the physical science requirement for high school graduation
Description: For students majoring in engineering, physics and chemistry, this course presents a lecture and laboratory study of mechanics and properties of matter, statics and dynamics of translation and rotation, fluid mechanics, wave motion and sound.

**Physics 230 (General Physics)**
Course ID# 230CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of the physical science requirement for high school graduation
Description: This course is a continuation of PHYS 130. The fundamentals of electricity and magnetism will be presented, including study of electric fields, potential, resistance, current electricity, DC networks, magnetism, inductance, alternating current, electromagnetic waves and electronics.

**Political Science 125 CCC**
Course ID# 825CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of an elective requirement for high school graduation
Description: This course examines the U.S. Constitution and the U.S. system of government at the national and state levels; the course covers both U.S. and California political processes and institutions. The rights, obligations and participation of citizens will be discussed. The course will also highlight contemporary relationships of state and local government, rights and liberties established by the U.S. Constitution, including key U.S. Supreme Court cases, the resolution of conflict, and the establishment of cooperative processes under the constitutions of both the state and the nation and the political processes involved. Significant events since the American Revolution and the contributions of women and ethnic groups will also be examined. The cultural diversity of the U.S. and California will be emphasized.

**Psychology 220 CCC**
Course ID# 220CC
Grades: 9-12
Course Length: Semester
Graduation: Satisfies one semester of an elective requirement for high school graduation
Description: This course presents an introduction to the discipline of psychology as a science. It includes the scientific approach and the research methods used and ethical considerations in order to investigate basic aspects of behavior and mental processes. This includes critical thinking, learning,
memory, sensation, perception, motivation, adjustment, emotion, personality, related physiological and anatomical factors, as well as social-cultural influences.

**Speech 120 CCC (Public Speaking)**  
Course ID# J20CC  
Grades: 9-12  
Course Length: Semester  
Graduation: Satisfies one semester of the English requirement for high school graduation  
Description: This course provides students the opportunity to gain confidence in a variety of speaking formats, including informative, persuasive, impromptu and narrative presentations. Students will gain proficiency in listening to and evaluating public speeches. They will develop a personal style of speaking in public. This course presents the principles of good oral communication, with attention given to research and delivery techniques and critical evaluation of public communication.

**Speech 122 (Intercultural Communication)**  
Course ID# J22CC  
Grades: 9-12  
Course Length: Semester  
Graduation: Satisfies one semester of the elective requirement for high school graduation  
Description: This course provides students the opportunity to learn the theory and process of communicating with people of various cultures, races and ethnicities. The specific focus for this course will be to develop the ability to acknowledge and understand the unique voices of people who have roots in different cultures.

**Functional Academics Course Description:**  
The purpose of the Functional Academics domain is to stress academic skills necessary to participate in everyday life with goals for maximum independence. To be functional, these skills must be related to some real activity that the student encounters in daily living. Functional academic skills are learned and applied in a variety of environments. Instruction occurs in both classroom and community settings. Includes skills necessary to allow the student more functional academic Independence. Focus of the activities includes math, reading, and language arts, local Geography, and current events, as well as how these skills apply to the community.

**Domestic Domain Course Description:**  
The purpose of the Domestic domain is to prepare students to become as independent as possible in their living environments. Instructions in the areas of personal care, food preparation, and housekeeping skills are included in this domain. Includes skills necessary to allow the student more independence in home/personal management. Focuses on personal health care, responsibility, home management, family/social life, and interpersonal relationships, as well as how these skills apply to the community.

**Community Domain Course Description:**  
The purpose of the Community domain is to prepare students to access and use community environments as independently and completely as possible. Instructions in the areas of shopping, traveling, eating out, and using public services are included in this domain. Includes skills necessary for the student to participate in campus, neighborhood, and community environments with successful interdependence. Addresses mobility skills, access to community services, and purchasing skills, as well as how these skills apply to the community.

**Vocational Domain Course Description:**  
The purpose of the Vocational domain is to increase the likelihood of students functioning as contributing adults within our society and increase their opportunities to obtain employment. Instructions in the areas of work-related skills, job-
seeking skills, and job skills training are included in this domain. Includes skills necessary for students to attain employment and perform meaningful work. Activities include on-campus career occupation experience and training, employment skills, and access to the transition and off-campus work experience program, as well as the practical application of these skills in the community.

*Recreation & Leisure Domain Description:*
The purpose of the Recreation & Leisure domain is to enable students to engage in constructive and personally satisfying leisure activities in school, at home, and in the community. Includes skills necessary to allow students more social independence in their personal lives. Focuses on games, puzzles, hobbies, social gatherings, personal interests, self-regulating behaviors, and how these skills apply within the community.