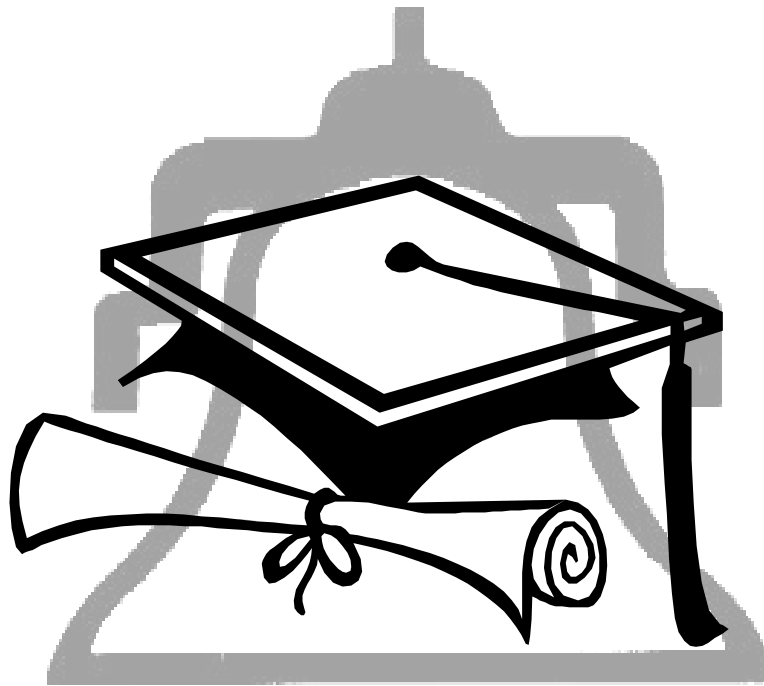


# **Tustin Unified School District**



## **2017-18 High School Course Catalog**

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## District Mission Statement

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The mission of the Tustin Unified School District, a learning community rich in heritage and committed to a tradition of excellence, is to ensure that each student optimizes individual achievement through an educational system characterized by challenging and exciting curricula and inspiring personalized instruction, in partnership with our dynamic and involved communities.

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## Tustin Unified School District High Schools

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### **Beckman High School**

3588 Bryan Avenue  
Irvine, CA 92602-1347  
Phone: (714) 734-2900  
Fax: (714) 505-9676

### **Hillview High School**

1151 San Juan St.  
Tustin, CA 92780  
Phone: (714) 730-7356  
Fax: (714) 730-7584

### **Foothill High School**

19251 Dodge Avenue  
Santa Ana, CA 92705-2236  
Phone: (714) 730-7464  
Fax: (714) 573-9376

### **Tustin Connect Center-HS & Adult Education**

1151 San Juan St.  
Tustin, CA 92780  
Phone: (714) 730-7395  
Fax: (714) 730-4895

### **Tustin High School**

1171 El Camino Real  
Tustin, CA 92780-4660  
Phone: (714) 730-7414  
Fax: (714) 730-7568

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## **A Special Message for Students and Parents**

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Courses in this catalog represent all possible offerings in the Tustin Unified School District. The courses are organized by UC/CSU A-G requirements. Consult with your high school counseling department for specific courses being offered at your site. Should you have questions or need additional information, please contact your high school counseling department.

The following course catalog is organized by the following “a-g”:

- a. History/Social Science – 2 years required
- b. English – 4 years required
- c. Mathematics – 3 years requires, 4 years recommended
- d. Laboratory Science – 2 years required, 3 years recommended
- e. Language Other than English – 2 years required, 3 years recommended
- f. Visual and Performance Arts (VPA) – 1 year required
- g. College-Preparatory Electives – 1 year required

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- All other TUSD Courses

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## Counseling Program and Services

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All counselors in the Tustin Unified School District are committed to implementing a comprehensive counseling program. Each student and parent can expect services as a result of the program design. The three major areas are:

- ❖ educational planning
- ❖ career counseling in grades 9 through 12
- ❖ assistance with personal situations requiring individualized help

Students will be given information regarding:

- high school course planning to meet college entrance requirements
- opportunities to meet with the college representatives on the high school campus
- testing information (PLAN, CHSPE, PSAT/NMSQT, SAT Reasoning Test and SAT Subject Tests, EAP, ACT Assessment, and ASVAB)
- financial aid/scholarship information
- assistance with applications, scholarship/admission recommendations
- college information appropriate to individual goals
- Regional Occupational Program: Career preparation and exploration courses
- community college programs
- military service information

Students and parent can expect the following services:

- development of a Personal Learning Plan
- pre-enrollment orientation to include the scheduling process and graduation requirements
- registration, scheduling, program adjustments as needed
- aptitude and achievement testing, and interest inventory assessment
- test results interpretation
- parent conferencing, parent-teacher conference arrangements
- counseling assistance and referral information for special needs
- special grade reports provided upon request
- graduation status reports

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## General Information

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**Annual Registration:** Students are given the opportunity in the spring of each school year to select courses for the following year. It is important that courses be selected in cooperation with the student's parent, teacher recommendation, high school graduation requirements, career objectives, and the student's "Personal Learning Plan" in mind. *Course selection represents a commitment on the part of the student that he or she will satisfactorily complete the schedule of classes chosen.* Students should check carefully to ensure that they have taken the proper prerequisites for each course selection.

**Withdrawal/Removal From a Class:** When a student withdraws or is removed from a class after the end of the school day on the fourth Friday of a semester, a "withdraw" F semester grade will be assigned. The grade will be posted on the student's transcript.

**Off-Campus Courses:** Students who wish to take off-campus courses, with the exception of ROP, for high school credit must have **prior written approval** from their high school principal. Courses which meet district graduation requirements must be taken on a district campus. This regulation covers courses taken during the summer and/or during the regular school year.

**Attendance-Minimum School Day:** All persons under 18 years of age who have not graduated from high school or passes the California High School Proficiency Exam (CHSPE) are required by state law to attend school. Students in grades 9, 10 and 11 are required to attend six class periods daily. Six periods are required for at least six of the eight semesters to reach the 230 credit graduation requirement. Seniors may be permitted to enroll in five classes with parent and counselor approval if they have sufficient credit. Second semester seniors concurrently enrolled in adult education must be enrolled in six daytime classes at the school of residence. All students must have at least four on-campus classes. Students are expected to attend each of their scheduled classes promptly and regularly. *Regular attendance is one of the greatest contributing factors to success in school.* Absences should be avoided whenever possible.

**Prerequisites:** A course prerequisite is a prior qualifying condition, education experience, or level of performance which is used to predict the probability of success in the course. It does not in itself determine the probability of success in the course or eligibility for enrollment in a course. Counselors also use standardized test scores, past academic performance, teacher recommendation, and assessed motivation to place students in class commensurate with their abilities, interest, and needs.

**Credits:** Students receive five units of credit for each semester of course work completed with a passing grade.

**Repeated Credit:** Any course repeated beyond the maximum credit allowed will not receive additional credit. However, if a student repeats a course to improve his/her grade, credit will be given for the course with the higher grade. Remediation is available for students who receive a grade of D or F in any given class.

**State Proficiency Certificate:** Legislation provides that persons 16 years old and over may be exempted from compulsory school attendance if they have demonstrated satisfactory proficiency on the California High School Proficiency Examination (CHSPE) as offered by the State Department of Education. A student who passes the examination will receive a "Certificate of Proficiency" and be allowed to terminate secondary schooling with parental consent. **Students should see their counselor for testing information.**

## High School Graduation Requirements – Beginning with Class of 2017

Graduation will be authorized by the Board of Education, and a diploma will be granted to all students who have acquired 230 units of credit from the adopted Course of Study during grades 9-12.

Subject	Minimum Required Credits	Details								
<b>English</b>	40	Four years of English or Honors/AP English								
<b>Mathematics</b>	20	Minimum Geometry requirement								
<b>Science</b>	30	Three years of Science, including one year Life Science and one year Physical Science								
<b>Social Science</b>	30	<table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">One year World History</td> <td style="text-align: right;">10 credits</td> </tr> <tr> <td>One year U.S. History and Geography</td> <td style="text-align: right;">10 credits</td> </tr> <tr> <td>One semester American Government</td> <td style="text-align: right;">5 credits</td> </tr> <tr> <td>One semester Economics</td> <td style="text-align: right;">5 credits</td> </tr> </table>	One year World History	10 credits	One year U.S. History and Geography	10 credits	One semester American Government	5 credits	One semester Economics	5 credits
One year World History	10 credits									
One year U.S. History and Geography	10 credits									
One semester American Government	5 credits									
One semester Economics	5 credits									
<b>World Languages and/or Visual Performing Arts and/or Applied Arts</b>	20	Minimum of ten credits in World Languages or Visual/Performing Arts								
<b>Physical Education</b>	20	Unless student has been exempted pursuant to Education Code provisions								
<b>Technology</b>		Requirements will be met through successful completion of middle school. Technology proficiency embedded in the middle school curriculum.								
<b>Electives</b>	70	Will include various classes based on students' interests								
<b>TOTAL</b>	<b>230</b>									

Students identified as “individuals with exceptional needs” shall meet the graduation requirements unless the Individualized Education Program Team determines that the student’s handicaps or disabilities preclude student attainment of the District’s graduation requirements. Commensurate with team diagnosis, a student’s Individualized Education Program will specify the course standards to meet District graduation requirements.

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## Explanation of Terms and Symbols

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- IB** The International Baccalaureate Diploma Program is a rigorous pre-university course of study that meets the needs of highly motivated high school students. The program's core components complement a traditional liberal arts curriculum. Subjects are studied concurrently and students are exposed to the two great traditions of learning—the humanities and the sciences. Grades are computed on a scale A = 5, B = 4, C = 3, D = 0, F = 0.
- AP** The Advanced Placement course is an opportunity to earn college course credit for those students who demonstrate ability, interest, and motivation to prepare and take an advanced placement exam. Grades earned for AP courses are computed on a scale A = 5, B = 4, C = 3, D = 1, F = 0. To enroll for an AP course, students must plan to register to take the AP exam and/or complete an alternative project. Parents, students, and teachers will be asked to sign a contract that clarifies class expectation.
- H** The 5-point weighted grade designation is reserved for all honors courses and courses approved by the University of California for the UC 'a-g' certified course list (<http://www.ucop.edu/agguide/>). A weighted grade is computed on a scale A = 5, B = 4, C = 3, D = 1, F = 0. The University of California/CSU will determine which courses qualify for honors credit. Honors courses may require summer work prior to the class. Parents, students, and teachers will be asked to sign a contract that clarifies class expectations.
- ROP** Regional Occupational Program is a public education service that provides practical, hands-on career preparation, career guidance, and job placement assistance. Priority is given to high school seniors then juniors.
- ELL** English Language Learner Program provides structured classes for English Learners at all proficiency levels. Courses are designated ELD. Student placement is determined by responses to the Home Language Survey and results of the CELDT test.



## a. History/Social Science – 2 years required

### AMERICAN GOVERNMENT (1800)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	■	<p>In American Government, students study the origin, nature, and theoretical aspects of the American system of government. Emphasis is on American Political institutions (i.e., Executive, Legislative and Judicial branches of government) from origin to current time. The nature and function of government at the state, county, and city levels are included as time permits. The origin and growth of individual civil and political rights are covered with particular emphasis from concepts of the Declaration of Independence and the Bill of Rights to the U.S. Constitution.</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	■	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	5	
12	■			PREREQUISITE: NONE

### AMERICAN GOVERNMENT AND POLITICS AP (1820)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	■	<p>In American Government and Politics AP, students will develop an analytical perspective on government and politics in the United States and study the general concepts used to interpret United States politics and analyze specific examples and various institutions, groups, beliefs, and ideas that constitute United States politics. Students study a variety of theoretical perspectives and explanations for various behaviors and outcomes. This course prepares students for the advanced placement examination in American Government and Politics.</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	■	
10	<input type="checkbox"/>	WEIGHTED GRADE	■	
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	5	
12	■			PREREQUISITE: NONE

### ANCIENT CIVILIZATIONS/GLOBAL STUDIES H (1842)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	■	<p>Ancient Civilization/Global Studies Honors is designed to prepare students for the AP World History course by both scaffolding upon the student's prior content knowledge as well as deepening their understanding of history as they begin to examine history in a broader context beyond a collection of facts. Topics include historical themes, global forces, and specific events from ancient Mesopotamia, Greece, Rome, India, the Americas and China as a part of modern history.</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input type="checkbox"/>	
9	■	UC/CSU APPROVED	■	
10	<input type="checkbox"/>	WEIGHTED GRADE	■	
11	<input type="checkbox"/>	OFFERED AT BHS/THS		
12	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	PREREQUISITE: NONE

### COMPARATIVE GOVERNMENT AND POLITICS AP (1833)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	■	<p>In Comparative Government and Politics AP, students will develop an understanding of some of the world's most diverse political structures and practices, specifically an understanding of the political, social, and economic structure of Great Britain, France, Russia, and China. Students through the study of a developing country (Mexico, Nigeria, or India) learn the political implications of different levels of economic development. This course prepares students for the advanced placement examination in Comparative Government and Politics.</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	■	
10	<input type="checkbox"/>	WEIGHTED GRADE	■	
11	■	OFFERED AT BHS/THS		
12	■	MAX CREDIT ALLOWED:	5	PREREQUISITE: NONE

## a. History/Social Science – 2 years required

### CULTURAL GEOGRAPHY MUN I HONORS (1832)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input checked="" type="checkbox"/> WEIGHTED GRADE</p> <p><input type="checkbox"/> OFFERED AT THS</p> <p><input type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p><input type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p>10</p>	<p>Students will study global issues within a human geography context. Students will actively participate in four beginning level Model United Nations Simulations, demonstrating basic skills of diplomacy, group negotiation, formal speaking and conflict negotiation. This exploratory course is designed to support students academically as they navigate their first year of High School and prepare for successful participation in the MUN Leadership Academy.</p> <p>PREREQUISITE: NONE</p>
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### ECONOMICS (1803)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input type="checkbox"/> WEIGHTED GRADE</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> MAX CREDIT ALLOWED: 5</p> <p><input checked="" type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p>5</p>	<p>Economics is the study of the production and distribution of goods and services. This course is designed to give the student an awareness of economic systems, both personal and political. It will provide opportunities to develop basic skills in critical and creative thinking in social decision making and will explore future economic challenges. Emphasis is on free-market efficiency, price stability, growth security, comparative advantage, fiscal and monetary policy.</p> <p>PREREQUISITE: NONE</p>
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### ECONOMICS AP (1823)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input type="checkbox"/> WEIGHTED GRADE</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> MAX CREDIT ALLOWED: 5</p> <p><input checked="" type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p>5</p>	<p>Economics AP is the study of the production and distribution of goods and services. This course is designed to give the student an awareness of economic systems, both personal and political. It will provide opportunities to develop basic skills in critical and creative thinking in social decision making and will explore future economic challenges. Emphasis is on free-market efficiency, price stability, growth security, comparative advantage, fiscal and monetary policy. This course prepares students for the advanced placement examination in Economics.</p> <p>PREREQUISITE: NONE</p>
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### EUROPEAN HISTORY AP (1805)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input checked="" type="checkbox"/> SEMESTER COURSE</p> <p><input checked="" type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input type="checkbox"/> WEIGHTED GRADE</p> <p><input checked="" type="checkbox"/> OFFERED AT FHS</p> <p><input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p>10</p>	<p>European History AP is a chronological survey of European history from 1480 to the present. Emphasis will be on studying political, economic, and social causes of important events. This class will involve extensive reading and preparation of formal research projects.</p> <p>PREREQUISITE: SUCCESSFUL COMPLETION OF WORLD HISTORY H</p>
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## a. History/Social Science – 2 years required

### HISTORY OF THE AMERICA'S IB HIGHER LEVEL 2 (9311)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> WEIGHTED GRADE           <input checked="" type="checkbox"/></p> <p>                         <input type="checkbox"/> OFFERED AT FHS</p> <p>11                   <input type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p>12                   <input checked="" type="checkbox"/></p>	<p>An in-depth focus on the major events of the 20th Century. The curriculum will integrate the histories of Russia, Latin America, and the United States. It is designed to promote an awareness and understanding of cultural, political, social, and economic issues of various regions throughout the world. At the end of this course, students will demonstrate historical understanding through the acquisition, selection, and effective use of knowledge, present clear, concise, relevant, and well-substantiated arguments; evaluate, interpret, and use source material critically as historical evidence; identify and evaluate different approach to and interpretations of historical events and topics; explain the causes and effects of historical continuity and change. Included in the course work is a 3000-word research essay that students complete during the first semester and teachers internally assess.</p> <p>PREREQUISITE: NONE</p>
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### AP HUMAN GEOGRAPHY (1840)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> OFFERED AT FHS</p> <p>11                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p>12                   <input checked="" type="checkbox"/></p>	<p>The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).</p> <p>PREREQUISITE: NONE</p>
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### PSYCHOLOGY (1806)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input checked="" type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input type="checkbox"/></p> <p>                         <input type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> OFFERED AT FHS</p> <p>11                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 5</p> <p>12                   <input checked="" type="checkbox"/></p>	<p>In this Psychology course, students study the basic principles of psychology. Topics to be studied are families and relationships, feelings, behaviors, and emotions; theories and therapies; motivations and instincts; personalities; thinking and learning; modern trends and research in psychology. This is a one-semester course that is offered in conjunction with Sociology during the alternate semester.</p> <p>PREREQUISITE: NONE</p>
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### PSYCHOLOGY AP (1841)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> OFFERED AT FHS</p> <p>11                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p>12                   <input checked="" type="checkbox"/></p>	<p>Psychology AP is an introductory course of study, allowing the students to become familiar with: the basic functioning of our nervous and sensory systems; the prevalent theorists and their approach to normal and abnormal behavior; developmental theories and human relations; and an exploration of career possibilities in the field of psychology.</p> <p>PREREQUISITE: NONE</p>
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## a. History/Social Science – 2 years required

### SOCIOLOGY (1808)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10	Sociology is an introductory course which provides a comprehensive examination of the basic concepts, principles, and methods central to the scientific study of sociology. Sociology stresses the development of attitudes of critical judgment and respect for the opinions of others and presents a general theoretical and practical study of individuals and group dynamics, involving tensions and conflicts in a social situational relationship. Emphasis is on problem solving and promotion of social values that evolve from the milieu of social diversity in our nation. Existing social structures and institutions are also part of the study. This is a one semester course that is offered in conjunction with Psychology during the alternate semester.
<b><u>GRADE LEVEL</u></b>  9  10  11  12	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	10  10  10  10	PREREQUISITE: NONE

### THEORY OF KNOWLEDGE IB (9312)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10	A philosophy of learning course, Theory of Knowledge is central to the IB Diploma Program. In this course, distinct forms of knowledge specific to individual subjects are critically evaluated, compared and contrasted, and integrated. Through analyzing concepts, arguments, and the basis of value judgments, the course encourages students to acquire a critical awareness of what they and others know. Theory of Knowledge is a key element in the educational philosophy of the IBO and therefore a mandatory class for every Diploma candidate; the course is also open as an elective to non-Diploma candidates as space allows. The IBO requires two 1500-word essays, one of which is internally assessed and one of which is externally assessed, and a group oral presentation as part of the course work.
<b><u>GRADE LEVEL</u></b>  9  10  11  12	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	10  10  10  10	PREREQUISITE: NONE

### U.S. HISTORY (1826)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10	U.S. History is a study of the political, cultural, social, and economic background of the United States. Emphasis is placed on increasing student knowledge of the past and through a variety of teaching techniques designed to enhance student involvement in the learning process. Topical emphasis is given to the twentieth century: Progressive Era, the Jazz Age, the Great Depression, WWII, the Cold War, Korean War, Civil Rights Movement, Vietnam and the development of American values and institutions up to the present day.
<b><u>GRADE LEVEL</u></b>  9  10  11  12	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	10  10  10  10	PREREQUISITE: NONE

## a. History/Social Science – 2 years required

### U.S. HISTORY AP (1811)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>U.S. History AP is a chronological, comprehensive survey of United States history with emphasis on the conflicting interpretation of events, the understanding of source materials, and the skillful presentation of argument from evidence. Students will be expected to perform at college level in class discussion, independent research, and writing ability. Course content is focused to prepare students to pass the U.S. History advanced placement examination.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>			
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### WORLD HISTORY (1824)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>World History is designed to study the society, history, politics and culture of the world. Students review the rise of democratic ideals, introduction of the Revolution and Napoleonic periods of French history, the Industrial Revolution, the rise of Imperialism, causes and consequences of WWI and WWII, the rise of modern Germany and Italy, as well as the Middle East, Africa and Latin America. The concepts of Nationalism and Totalitarianism will be presented. The class introduces themes that will be integrated in U.S. History offered in the junior year. Geography, Primary Sources, Art, Music, and Literature are utilized to present key concepts.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>			
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input type="checkbox"/>			

### WORLD HISTORY AP (1827)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>World History AP is designed to study the society, history, politics and culture of the world. Review of the rise of democratic ideals, introduction of the Revolution and Napoleonic periods of French history, the Industrial Revolution, the rise of Imperialism, causes and consequences of WWI and WWII, the rise of modern Germany and Italy, as well as the concepts of Nationalism and Totalitarianism are presented. The class introduces themes that will be integrated in U.S. History offered in the junior year. Geography, Primary Sources, Art, Music, and Literature are utilized to present key concepts. Supplemental reading and writing assignments are required.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>			
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### WORLD HISTORY HONORS (1828)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Students in World History Honors study the society, history, politics and culture of the world. Students review the rise of democratic ideals, introduction of the Revolution and Napoleonic periods of French history, the Industrial Revolution, the rise of Imperialism, causes and consequences of WWI and WWII, the rise of modern Germany and Italy, as well as the Middle East, Africa and Latin America. The concepts of Nationalism and Totalitarianism will be presented. The class introduces themes that will be integrated in U.S. History offered in the junior year. Geography, Primary Sources, Art, Music, and Literature are utilized to present key concepts. Supplemental reading and writing assignments are required.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	OFFERED AT BHS/FHS		
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input type="checkbox"/>			

## b. English – 4 years required

### ENGLISH 1 (1200)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>A standards-driven, literature-based required course, freshman English emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input type="checkbox"/>			

### ENGLISH 1 H (1202)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>A standards-driven, literature-based course, freshman English Honors emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list. The assignments in honors classes require higher order thinking and writing skills.</p> <p>PREREQUISITE: B GRADE OR BETTER IN BOTH SEMESTERS OF GRADE 8 ENGLISH</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input type="checkbox"/>			

### ENGLISH 2 (1203)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>A standards-driven, literature-based required course, sophomore English emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input type="checkbox"/>			

### ENGLISH 2 H (1205)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>A standards-driven, literature-based course, sophomore English Honors emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list. The assignments in honors classes require higher order thinking and writing skills.</p> <p>PREREQUISITE: B GRADE OR BETTER IN ENGLISH 1 H OR A GRADE IN ENGLISH 1 (BOTH SEMESTERS)</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input type="checkbox"/>			

## b. English – 4 years required

### ENGLISH 3 (1207)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>A standards-driven, literature-based required course, junior English emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10		
12	<input type="checkbox"/>			

### ENGLISH 3 H (1208)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>A standards-driven, literature-based course, junior English Honors emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list. The assignments in honors classes require higher order thinking and writing skills.</p> <p>PREREQUISITE: B GRADE OR BETTER IN ENGLISH 2 H OR A GRADE IN ENGLISH 2 (BOTH SEMESTERS)</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10		
12	<input type="checkbox"/>			

### ENGLISH 4 (1211)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>A standards-driven, literature-based required course, senior English emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input type="checkbox"/>	MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>			

### ENGLISH 4 H (1212)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>A standards-driven literature-based course, senior English Honors emphasizes critical thinking, reading, writing (grammar, mechanics, and punctuation), speaking, and listening skills. Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world around them. In addition to the required reading of two novels, students read selected works from an extended reading list. The assignments in honors classes require higher order thinking and writing skills.</p> <p>PREREQUISITE: B GRADE OR BETTER IN ENGLISH 3 H OR A GRADE IN ENGLISH 3 (BOTH SEMESTERS)</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input type="checkbox"/>	OFFERED AT THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10		

## b. English – 4 years required

### ENGLISH 4 EXPOSITORY READING AND WRITING (1213)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	English 4 Expository Reading and Writing Course will enable students to analyze, interpret, and apply the rhetorical strategies of a variety of expository and literary texts. Modules include instruction in critical reading, analysis of rhetorical strategies, vocabulary, research methods, documentation conventions, and analytical writing based on information learned from and in response to the assigned texts.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			PREREQUISITE: NONE

### ENGLISH ELD C (1241)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	English ELD C is a one-period course for students who are proficient at an intermediate reading skill level. Students read core literature and self-selected literacy books and stories to develop proficiency at an advanced level.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			PREREQUISITE: ENGLISH LANGUAGE PROFICIENCY AT THE INTERMEDIATE LEVEL ON THE CELDT

### ENGLISH IB HIGHER LEVEL 1 (9306)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	English IB Higher Level 1 is the first of a two-year sequence (with English IB Higher Level 2) that prepares students for the IB Diploma assessments. The course includes study of three World Literature works with two essays assigned in the junior year and submitted to the IBO in the senior year. The course work also includes a variety of oral presentations and activities that are internally assessed and externally moderated by the IBO. The course work focuses on rigorous study of language, writing, grammar, and literature to stimulate critical thinking and encourage effective communication skills. Students have the opportunity to pursue a wide variety of literature.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT FHS		
12	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	PREREQUISITE: A OR B IN ENGLISH 2 H (BOTH SEMESTERS)

### ENGLISH IB HIGHER LEVEL 2 (9307)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	Designed to prepare students for both the Advanced Placement (AP) and IB examinations, English IB HL 2 is a rigorous course that requires sophisticated skills in reading comprehension, critical thinking, literary analyses, time-management skills, and the ability to work independently. Though heavily comprised of essays, the course work leads to other forms of assessment such as oral and technological presentations, reading, grammar, and vocabulary quizzes.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input type="checkbox"/>	OFFERED AT FHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	PREREQUISITE: A OR B GRADE IN ENGLISH IB HL1 (BOTH SEMESTERS)



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## b. English – 4 years required

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### ENGLISH LANGUAGE AND COMPOSITION AP (1243)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	English Language and Composition AP engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	<input type="checkbox"/> UC/CSU APPROVED	■	
10	<input type="checkbox"/> WEIGHTED GRADE	■	
11	<input type="checkbox"/> OFFERED AT FHS/THS	10	
12	■ MAX CREDIT ALLOWED:	<input type="checkbox"/>	
			PREREQUISITE: B GRADE OR BETTER IN AP LANGUAGE AND COMPOSITION OR ENGLISH 2 H (BOTH SEMESTERS)

### ENGLISH LITERATURE AND COMPOSITION AP (1244)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	English Literature and Composition AP require careful reading and critical analysis of literature from selected texts drawn from multiple genres, periods, and cultures. The course deepens understanding of ways writers use language to develop meaning. Students consider work's structure, style, themes, figurative language, imagery, symbolism, tone, and social and historical values.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	<input type="checkbox"/> UC/CSU APPROVED	■	
10	<input type="checkbox"/> WEIGHTED GRADE	■	
11	<input type="checkbox"/> MAX CREDIT ALLOWED:	10	
12	■		
			PREREQUISITE: B GRADE OR BETTER IN AP LANGUAGE AND COMPOSITION OR ENGLISH 3 H (BOTH SEMESTERS)

## c. Mathematics – 3 years required, 4 years recommended

### 9<sup>TH</sup> GRADE MATH (1523)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input checked="" type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input checked="" type="checkbox"/> WEIGHTED GRADE</p> <p><input type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p><input type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p>10</p>	<p>The goal of 9th Grade Math is to provide pre-cursor skills review, provide a review of the state prescribed eighth-grade math content, and teach foundational concepts that will be further developed during Algebra 1. Students taking the course would be expected to take Algebra 1 in their sophomore year, Geometry in junior year, and Algebra 2 during senior year to meet A-G requirements.</p> <p>PREREQUISITE: NONE</p>
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### ALGEBRA 1 (1504)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input checked="" type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input checked="" type="checkbox"/> WEIGHTED GRADE</p> <p><input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p>10</p>	<p>Algebra 1 is a program of study exploring numbers and their properties. The content areas are: set theory, structure of the real number system, simplification of algebraic expression, problem solving, conditional equations, exponents, and radicals. The aim of this course is to develop a good understanding in each of these areas so students can move forward to other courses in Mathematics.</p> <p>PREREQUISITE: NONE</p>
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### ALGEBRA 1 H (1504H)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input checked="" type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input checked="" type="checkbox"/> WEIGHTED GRADE</p> <p><input type="checkbox"/> OFFERED AT BHS/FHS</p> <p><input type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p><input type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p>10</p>	<p>This is a two-semester course for the first year of algebra at an honors level. Algebra 1 Honors is a foundational course for college bound in which the student will learn to reason symbolically. This course will help students read, define, and apply algebraic vocabulary and symbols. The first semester emphasizes the language of algebra, solving equations, absolute value, inequalities, functions, graphing and linear concepts. The second semester emphasizes exponents, radicals and polynomials, quadratic functions and probability and statistics.</p> <p>PREREQUISITE: NONE</p>
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### ALGEBRA 2 (1508)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input checked="" type="checkbox"/> SEMESTER COURSE</p> <p><input checked="" type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input checked="" type="checkbox"/> WEIGHTED GRADE</p> <p><input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p>10</p>	<p>Algebra 2 is designed to extend skills learned in previous mathematics courses. Concepts and skills not presently mastered but needed by the student in future educational, business, and professional endeavors are developed. A more rigorous approach to the real and complex numbers is emphasized. Students will develop a more thorough understanding of relations and functions as well as be introduced to sequence and series, logarithmic and exponential functions and the extension of coordinate geometry to include quadratics and various conic sections.</p> <p>PREREQUISITE: C GRADE OR BETTER IN GEOMETRY (SECOND SEMESTER)</p>
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## c. Mathematics – 3 years required, 4 years recommended

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### ALGEBRA 2/TRIGONOMETRY (1550)

<p>PREREQUISITE    ■ SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    ■ YEAR COURSE                    ■</p> <p>10                   ■ UC/CSU APPROVED           ■</p> <p>11                   ■ WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   ■</p> <p>                         ■ MAX CREDIT ALLOWED: 10</p>	<p>Algebra 2/Trigonometry will serve as the standard third-year math course, following Geometry in the TUSD Common Core math progression. The course will replace Algebra 2. Each of the California Common Core Standards in Algebra 2 will be covered within the course. Algebra 2 standards now include several standards formerly classified as trigonometry. Trigonometry standards will also be embedded within the course to make sure that students have a sound understanding of trigonometry concepts before they take Pre-Calculus, AP Statistics, or Finite Math as a senior. Successful completion of Algebra 2/Trigonometry will qualify a student for the CSU/UC system as well as fulfilling eligibility requirements for NCAA competition. Schools will have the opportunity to offer an honors version of Algebra 2/Trigonometry for those students wishing to take part in either of the two advanced tracks of the TUSD mathematics course progression.</p> <p>PREREQUISITE: C GRADE OR BETTER IN GEOMETRY (SECOND SEMESTER)</p>
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### ALGEBRA 2/TRIGONOMETRY HONORS (1550H)

<p>PREREQUISITE    ■ SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    ■ YEAR COURSE                    ■</p> <p>10                   ■ UC/CSU APPROVED           ■</p> <p>11                   ■ WEIGHTED GRADE           ■</p> <p>12                   ■</p> <p>                         ■ OFFERED AT BHS/FHS</p> <p>                         ■ MAX CREDIT ALLOWED: 10</p>	<p>Algebra 2/Trigonometry Honors is designed to strengthen and extend skills learned in previous mathematics courses. This course will help students read, define and apply algebraic vocabulary and symbols, evaluate functions, solve equations involving quadratic, rational, absolute value, radical, exponential, logarithmic and trigonometric expressions, graph equations, functions, and conic relations, write equations and solve word problems. This course will survey topics in advanced algebra including counting, probability, statistics, sequences and series.</p> <p>PREREQUISITE: A GRADE IN GEOMETRY (SECOND SEMESTER)</p>
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### APPLIED CALCULUS (1534)

<p>PREREQUISITE    ■ SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    ■ YEAR COURSE                    ■</p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           ■</p> <p>11                   <input type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   ■</p> <p>                         ■ MAX CREDIT ALLOWED: 10</p>	<p>Applied Calculus is an introductory, non-AP mathematics course covering the fundamental concepts of Calculus with applications in business, economics, and in the environmental, life, physical, and social sciences. Topics include differentiation and integration of various functions, with emphasis on real-world applications. The prerequisite for this course is the successful completion of Pre-Calculus with a grade of C or better.</p> <p>PREREQUISITE: C GRADE OR BETTER IN PRE-CALCULUS OR IN PRE-CALCULUS HONORS (SECOND SEMESTER)</p>
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## c. Mathematics – 3 years required, 4 years recommended

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### CALCULUS AB AP (1530)

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>	Calculus AB AP is intended for students who have a thorough knowledge of college preparatory mathematics including Algebra 1 and 2, Geometry and Pre-Calculus. Calculus AB is a course in introductory calculus including limits, (Epsilon-Delta concept) differentiation and integration of algebraic and non-algebraic functions and applications. Students will take the advanced placement Calculus AB exam or complete a major project.
		YEAR COURSE	<input checked="" type="checkbox"/>	
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>			
11	■	MAX CREDIT ALLOWED:	10	PREREQUISITE: B GRADE OR BETTER IN PRE-CALCULUS OR C GRADE OR BETTER IN PRE-CALCULUS H (SECOND SEMESTER)
12	■			

### CALCULUS BC AP (1531)

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>	Calculus BC AP is intended for students who have a solid foundation in Algebra 1 and 2 H, Geometry H, and Pre-Calculus H. Calculus BC is a course which is more extensive in depth and breadth than Calculus AB. Students will take the Calculus BC advanced placement exam or complete a major project.
		YEAR COURSE	<input checked="" type="checkbox"/>	
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>			
11	■	MAX CREDIT ALLOWED:	10	PREREQUISITE: B GRADE OR BETTER IN PRE-CALCULUS H (BOTH SEMESTERS)
12	■			

### FINITE MATHEMATICS (9025)

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>	Finite Mathematics is a post Algebra 2 course for students who desire an additional year of mathematics after Algebra 2 or Algebra 2/Trigonometry, or before Pre-Calculus or AP Statistics. Topics covered will include probability and statistics, logic, linear algebra, linear programming, systems of equations, matrices, counting theory, math of finance, and normal distributions.
		YEAR COURSE	<input checked="" type="checkbox"/>	
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/>			
11	■	MAX CREDIT ALLOWED:	10	PREREQUISITE: C GRADE OR BETTER IN ALGEBRA 2, ALGEBRA 2/TRIGONOMETRY OR ALGEBRA 2/TRIGONOMETRY H (SECOND SEMESTER)
12	■			

### GEOMETRY (1506)

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>	Geometry provides students with an understanding of the basic structure of plane geometry integrated with some solid geometry. This course will help students develop powers of spatial visualization while building the students' knowledge of the relationships among geometric elements. The development of deductive reasoning, as used in geometric proofs and in the appreciation for the need of precision of language, is stressed. Algebraic skills are continued and strengthened. Students are given an insight into the methods of coordinate geometry and the way in which algebra and geometry complement each other.
		YEAR COURSE	<input checked="" type="checkbox"/>	
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	■	WEIGHTED GRADE	<input type="checkbox"/>	
10	■			
11	■	MAX CREDIT ALLOWED:	10	PREREQUISITE: C GRADE OR BETTER IN ALGEBRA 1 (SECOND SEMESTER)
12	■			

## c. Mathematics – 3 years required, 4 years recommended

### GEOMETRY H (1507)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p>■ SEMESTER COURSE</p> <p>■ YEAR COURSE</p> <p>■ UC/CSU APPROVED</p> <p>■ WEIGHTED GRADE</p> <p>■ MAX CREDIT ALLOWED: 10</p> <p>□</p>	<p>□</p> <p>■</p> <p>■</p> <p>■</p> <p>10</p> <p>□</p>	<p>Students completing Algebra 1 with an A grade will normally continue in the Geometry Honors class. The elements of geometry plus the philosophy of enrichment are presented in the Geometry H classes.</p> <p>PREREQUISITE: A GRADE IN ALGEBRA 1 (BOTH SEMESTERS)</p>
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### MATHEMATICS SL IB (9322)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p>■ SEMESTER COURSE</p> <p>■ YEAR COURSE</p> <p>□ UC/CSU APPROVED</p> <p>□ WEIGHTED GRADE</p> <p>□ OFFERED AT FHS</p> <p>■ MAX CREDIT ALLOWED: 10</p> <p>■</p>	<p>□</p> <p>■</p> <p>■</p> <p>□</p> <p>10</p> <p>□</p> <p>10</p> <p>■</p>	<p>Mathematical SL is designed to provide a background of mathematical thought and reasonable level of technical ability. It is intended to provide a sound mathematical basis for those students planning to pursue further studies in fields such as chemistry, economics, geography and business administration. It is a demanding course containing a variety of mathematical topics. Course work also requires the completion of a project based on mathematical research and calculation.</p> <p>PREREQUISITE: A OR B IN PRE-CALCULUS OR C OR BETTER IN PRE-CALCULUS H (BOTH SEMESTERS)</p>
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### PRE-CALCULUS (1533)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p>■ SEMESTER COURSE</p> <p>■ YEAR COURSE</p> <p>■ UC/CSU APPROVED</p> <p>■ WEIGHTED GRADE</p> <p>■ MAX CREDIT ALLOWED: 10</p> <p>■</p>	<p>□</p> <p>■</p> <p>■</p> <p>□</p> <p>10</p> <p>■</p>	<p>Pre-Calculus is the fourth course in the Algebra 1, Geometry, and Algebra 2 sequence. Topics covered include circular functions, trigonometric functions with applications, reduction of angles, solutions of triangles, identities and equations, complex numbers, matrices, rectangular and polar coordinates, parametric equations, polynomial functions, and conicity.</p> <p>PREREQUISITE: C GRADE OR BETTER IN ALGEBRA 2/TRIGONOMETRY OR ALGEBRA 2/TRIGONOMETRY H (SECOND SEMESTER)</p>
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### PRE-CALCULUS H (1529)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p>■ SEMESTER COURSE</p> <p>■ YEAR COURSE</p> <p>■ UC/CSU APPROVED</p> <p>■ WEIGHTED GRADE</p> <p>■ MAX CREDIT ALLOWED: 10</p> <p>■</p>	<p>□</p> <p>■</p> <p>■</p> <p>■</p> <p>10</p> <p>■</p>	<p>Pre-Calculus Honors stresses in detail the properties of elementary functions: polynomial, rational, and circular functions. The course extends beyond the traditional with use of the properties of number system, analytic geometry, theory of matrices, polar graphs, vectors, parametric equations, conicity, and elementary calculus.</p> <p>PREREQUISITE: B GRADE OR BETTER IN ALGEBRA 2/TRIGONOMETRY H</p>
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**c. Mathematics – 3 years required, 4 years recommended**

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**STATISTICS AP (1536)**

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>
		YEAR COURSE	■
<u>GRADE LEVEL</u>		UC/CSU APPROVED	■
9	<input type="checkbox"/>	WEIGHTED GRADE	■
10	<input type="checkbox"/>		
11	■	MAX CREDIT ALLOWED:	10
12	■		

Statistics AP is a one-year college level course in introductory statistics designed to prepare students for the advanced placement Statistics exam.

PREREQUISITE: C GRADE OR BETTER IN PRE-CALCULUS OR ALGEBRA 2/TRIGONOMETRY (SECOND SEMESTER), FINITE MATHEMATICS (BOTH SEMESTERS)

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## d. Laboratory Science – 2 years required, 3 years recommended

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### BIOLOGY (LIFE SCIENCE) (1700)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	<p>Biology is a standards based class based on the study of life. The course deals with basic chemical and physical structures in relation to the functions of the cell. Other related major topics of study include Scientific Method, Genetics, Evolution and Ecology. In this laboratory-oriented course, the application of living and preserved organisms will be utilized as well as a variety of science apparatus such as microscopes, prepared slides, laboratory glassware, and special chemical compounds. Mandated Health requirements are included.</p> <p>PREREQUISITE: CONCURRENT ENROLLMENT IN ALGEBRA I OR HIGHER</p>
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	UC/CSU APPROVED	■	
10	WEIGHTED GRADE	<input type="checkbox"/>	
11	MAX CREDIT ALLOWED:	10	
12	■		

### BIOLOGY AP (LIFE SCIENCE) (1726)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	<p>Biology AP is an enriched biology class based on an investigative approach to the fundamentals of life and its processes. Course content includes investigations of unicellular organisms as well as of the more complex plants and animals. The chemical nature of organisms is researched. Students are expected to spend time on projects and to make periodic oral presentations of their findings. The course is accelerated academically with its content quantitatively and qualitatively different from Biology CP. Students completing the course are expected to take the Biology advanced placement examination as defined by College Board.</p> <p>PREREQUISITE: B GRADE OR BETTER IN BIOLOGY (SECOND SEMESTER)</p>
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	UC/CSU APPROVED	■	
10	WEIGHTED GRADE	■	
11	MAX CREDIT ALLOWED:	10	
12	■		

### BIOLOGY H (LIFE SCIENCE) (1721)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	<p>Biology Honors is a rigorous lab-oriented, standards-based science course which explores the all content areas of biology. The scientific method will be utilized to teach the process of inquiry and to help develop critical thinking skills. Special emphasis will be on measurement and data recording as it applies to investigative and laboratory experiences.</p> <p>PREREQUISITE: CONCURRENT ENROLLMENT IN GEOMETRY OR HIGHER</p>
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	UC/CSU APPROVED	■	
10	WEIGHTED GRADE	■	
11	MAX CREDIT ALLOWED:	10	
12	■		

### BIOLOGY HIGHER LEVEL IB 2 (LIFE SCIENCE) (9308)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	<p>Biology Higher Level IB prepares students for the IB assessments in experimental sciences. The course work requires an internally assessed scheme of practical/investigative work and a project made up of ten hours of internally assessed practical work. Students will secure knowledge of a limited body of facts and at the same time acquire a general understanding of the subject. The unifying themes of the course are Structure and Function, Unity versus Diversity, Equilibrium within Systems, and Evolutions. The course may be taken as an elective by non-IB candidates as space allows.</p> <p>PREREQUISITE: B GRADE OR BETTER IN BIOLOGY AP</p>
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	UC/CSU APPROVED	■	
10	WEIGHTED GRADE	■	
11	OFFERED AT FHS		
12	MAX CREDIT ALLOWED:	10	
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## d. Laboratory Science – 2 years required, 3 years recommended

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### BIOLOGY: THE LIVING EARTH (1764)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Biology, the Living Earth is a standards-based class centered on life science and selected Earth Science performance expectations. The course spirals in scale, starting with ecosystems as a whole, progressing into connections within ecosystems, and then moving into evolution, linking to the study of heredity. Other related major topics of study include the characteristics of life, ecosystems, and the impacts humans have on them.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### CHEMISTRY (PHYSICAL SCIENCE) (1702)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Chemistry is a standards-based course that relates the properties of matter to the structure of matter. The ways in which chemicals change and atoms are recombined into new substances are emphasized. Elements and compounds, atomic structure, and chemical bonding are studied in detail. The course includes the study of energy and matter-energy relationships, solution chemistry, the kinetic theory, and the physical states of matter. Lab activities are designed to develop laboratory skills and techniques with an added emphasis on measurement and calculation. The lab experience enriches the understanding of basic concepts and stimulates interest and enthusiasm for chemistry. The goal of the course is threefold: to prepare students for success in college chemistry, to increase scientific literacy in the field of chemistry, and to make chemistry relevant so that students will better understand their world.</p> <p>PREREQUISITE: SUCCESSFUL COMPLETION OF BIOLOGY (C SECOND SEMESTER) AND CONCURRENT ENROLLMENT IN GEOMETRY OR HIGHER</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### CHEMISTRY AP (PHYSICAL SCIENCE) (1703)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Chemistry AP is a course designed for students intending to major in science or engineering at the college level. An in-depth study of the composition, properties, structure and reactivity of matter will be incorporated into discussions, laboratory experiences, and problem solving activities. Theoretical aspects of chemistry such as kinetic theory of gases, chemical kinetics, equilibria and the basic concepts of thermodynamics are also presented. Students are expected to develop the ability to write formal laboratory reports, answer essay questions, and analyze and solve a variety of complex problems. Students completing the course are expected to take the Chemistry advanced placement exam as defined by College Board.</p> <p>PREREQUISITE: C GRADE OR BETTER IN CHEMISTRY OR BIOLOGY AP OR CONCURRENT ENROLLMENT IN ALGEBRA 2/TRIGONOMETRY</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			



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## d. Laboratory Science – 2 years required, 3 years recommended

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### CHEMISTRY H (PHYSICAL SCIENCE) (1732)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Chemistry Honors is a standards-based course designed for students intending to major in science or engineering at the college level. An in-depth study of the composition, properties, structure and reactions of matter will be incorporated into discussions, laboratory experiences, and problem solving activities. Theoretical aspects of chemistry such as kinetic theory of gases, chemical kinetics and the basic concepts of thermodynamics are also presented. Students are expected to develop the ability to write formal laboratory reports, answer essay questions, and analyze and solve a variety of complex problems.
	YEAR COURSE	■	
<u>GRADE LEVEL</u>	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	■	
10	■		
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: C GRADE OR BETTER IN BIOLOGY AP, B GRADE OR BETTER IN GEOMETRY AND BIOLOGY

### CHEMISTRY IN THE EARTH SYSTEM (1765)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Chemistry in the Earth System is a standards-based course that centers on how chemical processes help drive the Earth system. Beginning with macroscopic observations of familiar phenomena, the course then zooms into the microscopic, developing understanding of matter as practices and looking at the nature of practices themselves. The goal of the course is to explore the fundamentals of chemistry and essential roles that these processes play in Earth's solid geosphere, its liquid hydrosphere, and its gaseous atmosphere.
	YEAR COURSE	■	
<u>GRADE LEVEL</u>	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	■		
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: NONE

### CONCEPTUAL BIOLOGY (1750)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Conceptual Biology is a year long course designed to meet the essential standards of Biology laboratory science. Students will demonstrate the ability to use scientific skills and apply biological concepts to explain living organisms at the cellular and organ/system level, their interactions with the environment, and their life cycle.
	YEAR COURSE	■	
<u>GRADE LEVEL</u>	UC/CSU APPROVED	■	
9	■ WEIGHTED GRADE	<input type="checkbox"/>	
10	■		
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: NONE

### CONCEPTUAL CHEMISTRY (1751)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Conceptual Chemistry integrates writing, mathematical, laboratory and critical thinking skills as they apply to the concepts and theories of modern chemistry. The course will focus on laboratory work to provide a framework for understanding the structure of atoms and molecules, periodicity, bonding and reactions. Labs will be used to provide the foundation for learning about acids and bases, redox reactions, kinetics, thermodynamics and stoichiometry.
	YEAR COURSE	■	
<u>GRADE LEVEL</u>	UC/CSU APPROVED	■	
9	■ WEIGHTED GRADE	<input type="checkbox"/>	
10	■		
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: NONE

## d. Laboratory Science – 2 years required, 3 years recommended

### ENVIRONMENTAL SCIENCE AP (OTHER/LIFE SCIENCE/PHYSICAL SCIENCE) (1738)

<p>PREREQUISITE ■ SEMESTER COURSE <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9 <input type="checkbox"/></p> <p>10 <input type="checkbox"/></p> <p>11 ■</p> <p>12 ■</p>	<p>YEAR COURSE ■</p> <p>UC/CSU APPROVED ■</p> <p>WEIGHTED GRADE ■</p> <p>MAX CREDIT ALLOWED: 10</p>	<p>Environmental Science AP is a one-year interdisciplinary elective course; it embraces a wide variety of topics from different areas of study. The goal of the laboratory and field investigation component of the course is to complement the classroom portion by allowing students to learn about the environment through firsthand observation. Experiences both in the laboratory and in the field provide students with important opportunities to test concepts and principles that are introduced in the classroom, explore specific problems with a depth not easily achieved otherwise, and gain an awareness of the importance of confounding variables that exist in the “real world”.</p> <p>PREREQUISITE: B GRADE OR BETTER IN BIOLOGY AND CHEMISTRY (SECOND SEMESTER)</p>
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### FORENSIC SCIENCE (OTHER/LIFE SCIENCE/PHYSICAL SCIENCE) (1739)

<p>PREREQUISITE ■ SEMESTER COURSE <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9 <input type="checkbox"/></p> <p>10 <input type="checkbox"/></p> <p>11 ■</p> <p>12 ■</p>	<p>YEAR COURSE ■</p> <p>UC/CSU APPROVED ■</p> <p>WEIGHTED GRADE <input type="checkbox"/></p> <p>OFFERED AT FHS <input type="checkbox"/></p> <p>MAX CREDIT ALLOWED: 10</p>	<p>Forensic science builds upon the major academic themes of Biology and Chemistry, utilizing lecture, demonstration, problem solving, and in-depth, hands-on laboratory activities and experiments in a forensic context. The course emphasizes problem solving skills, critical thinking, hands-on lab experience, and career pathways. The context focus is on the nature of physical evidence collected at a crime scene and the analyses of this evidence. Students will be engaged in forensic case studies, leadership projects, and debates.</p> <p>PREREQUISITE: SUCCESSFUL COMPLETION OF TWO OTHER YEARS OF SCIENCE (LIFE AND PHYSICAL)</p>
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### HUMAN ANATOMY & PHYSIOLOGY (OTHER/LIFE SCIENCE) (1708D)

<p>PREREQUISITE ■ SEMESTER COURSE <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9 <input type="checkbox"/></p> <p>10 <input type="checkbox"/></p> <p>11 ■</p> <p>12 ■</p>	<p>YEAR COURSE ■</p> <p>UC/CSU APPROVED ■</p> <p>WEIGHTED GRADE <input type="checkbox"/></p> <p>OFFERED AT THS <input type="checkbox"/></p> <p>MAX CREDIT ALLOWED: 10</p>	<p>Anatomy and Physiology is designed to give students an understanding of the structure and functions of the systems of the human body and their relationship. The course will also provide a good background for those interested in careers in the field of nursing, medicine, and public health. Topics include: structure and functional organization of systems within the human body; cellular skeletal, muscular, nervous, sensory, cardiovascular, respiratory, digestive, excretory, endocrine and reproductive. Laboratory experiences are used as a basis for the discussion and understanding basic concepts.</p> <p>PREREQUISITE: B GRADE OR BETTER IN BIOLOGY</p>
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### HUMAN BODY SYSTEMS PLTW (1123)

<p>PREREQUISITE ■ SEMESTER COURSE <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9 <input type="checkbox"/></p> <p>10 ■</p> <p>11 ■</p> <p>12 ■</p>	<p>YEAR COURSE ■</p> <p>UC/CSU APPROVED ■</p> <p>WEIGHTED GRADE <input type="checkbox"/></p> <p>OFFERED AT BHS <input type="checkbox"/></p> <p>MAX CREDIT ALLOWED: 10</p>	<p>Students engage in the study of the processes, structures, and interactions of the human body systems. Important concepts in the course include: communication, transport of substances, locomotion, metabolic processes, defense, and protection. The central theme is how the body systems work together to maintain homeostasis and good health. The systems are studied as “part of a whole,” working together to keep the amazing human machine functioning at an optimal level.</p> <p>PREREQUISITE: CONCURRENT ENROLLMENT IN BIOLOGY OR COMPLETION OF BIOLOGY WITH B IN SECOND SEMESTER</p>
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## d. Laboratory Science – 2 years required, 3 years recommended

### MARINE ECOLOGY (1742)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Marine Ecology is a second year biology course that builds upon and extends beyond biological concepts developed during the first year. The course will explore the physical, chemical, and geological characteristics that have evolved the diverse world of marine life.
	YEAR COURSE	■	
<u>GRADE LEVEL</u>	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/> OFFERED AT THS		
11	■ MAX CREDIT ALLOWED:	10	
12	■		
			PREREQUISITE: SUCCESSFUL COMPLETION OF TWO OTHER YEARS OF SCIENCE, C OR BETTER (LIFE & PHYSICAL)

### OCEANOGRAPHY (PHYSICAL/LIFE SCIENCE) (1723)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Oceanography is a course focused on the scientific study of Earth's oceans that combines the California high school Earth Science/Physical Science content standards. Introductory principles of Oceanography and earth sciences will be explored, including the origins of the earth's oceans, sea floor features, seawater chemistry, ocean physics, atmospheric conditions, ocean circulation patterns, waves, tides and life in the sea. Students should spend approximately forty percent (40%) of their class time engaged in hands-on activities.
	YEAR COURSE	■	
<u>GRADE LEVEL</u>	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/>		
11	■ MAX CREDIT ALLOWED:	10	
12	■		
			PREREQUISITE: NONE

### AP PHYSICS 1 (PHYSICAL SCIENCE) (1727) – ALGEBRA BASED

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	AP Physics 1 is a year-long introductory, algebra-based, college-level physics course that explores topics such as Newtonian mechanics including rotational motion; work, energy, and power; mechanical waves and sound; and introductory simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Topics of special interest will be studied, and laboratory work will be performed. Students taking this course are expected to take the corresponding Advanced Placement (AP) exam in May.
	YEAR COURSE	■	
<u>GRADE LEVEL</u>	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	■	
10	■		
11	■ MAX CREDIT ALLOWED:	10	
12	■		
			PREREQUISITE: B GRADE OR BETTER IN BIOLOGY AND CHEMISTRY

### AP PHYSICS 2 (PHYSICAL SCIENCE) (1728) – ALGEBRA BASED

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	AP Physics 2 is the second year of an introductory, algebra-based, college-level set of physics courses that explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Topics of special interest will be studied, and laboratory work will be performed. Students taking this course are expected to take the corresponding Advanced Placement exam in May.
	YEAR COURSE	■	
<u>GRADE LEVEL</u>	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	■	
10	<input type="checkbox"/>		
11	■ MAX CREDIT ALLOWED:	10	
12	■		
			PREREQUISITE: C GRADE OR BETTER IN PHYSICS 1

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## d. Laboratory Science – 2 years required, 3 years recommended

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### AP PHYSICS C (PHYSICAL SCIENCE) (1729) – CALCULUS BASED

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	AP Physics C is designed primarily for students considering a major in science, engineering, or mathematics. <u>However</u> , students with the appropriate mathematical background are encouraged to enroll and should benefit from the emphasis on problem solving techniques and critical thinking skills. Course content is focused to prepare students to pass the Physics advanced placement examination as defined by the College Board.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	■	
10	<input type="checkbox"/>		
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: B GRADE OR BETTER IN PHYSICS OR CHEMISTRY AND PRE-CALCULUS

### PHYSICS (PHYSICAL SCIENCE) (1713)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Physics is a standards-based class which introduces students to the basic physical laws affecting the world. Through discussion and laboratory experiences, students explore a variety of topics including motion, sound, light, lasers, gravity, black holes, space travel, electricity, magnetism, the atom and nuclear power. Physics is a fundamental course for students eager to understand their physical universe.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/>		
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: CONCURRENT ENROLLMENT IN ALGEBRA 2

### PHYSICS IN THE UNIVERSE (1766)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Physics in the Universe is a standards-based course that centers on how physical processes govern everything in the universe. The course emphasizes society's use of technology and humanity's impact on natural systems. The laws of physics are utilized to interpret processes that shape the Earth system, and are applied in a range of contexts. The goal of the course is to provide students with an understanding of physics concepts in order to develop scientific critical thinking and reasoning skills.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
	UC/CSU APPROVED	■	
9	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/>		
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: NONE

### PRINCIPLES OF BIOMEDICAL SCIENCES PLTW (1122)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Students investigate the human body systems and various health conditions including: heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. Key biological concepts including homeostasis, metabolism, inheritance of traits, feedback systems, and defense against disease are embedded in the curriculum.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
	UC/CSU APPROVED	■	
9	■ WEIGHTED GRADE	<input type="checkbox"/>	
10	■		
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: COMPLETION ON CURRENT ENROLLMENT IN BIO/BIO H

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## e. Languages other than English – 2 years required, 3 years recommended

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### CHINESE 1 (1427)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>
		YEAR COURSE	<input checked="" type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>	OFFERED AT BHS	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10
12	<input checked="" type="checkbox"/>		

Chinese 1 students will master a vocabulary that will allow them to comprehend spoken Chinese. Students will be able to function and interact with native speakers in complete or complex sentences. Most will be able to interact comfortably in situations that require the use of basic information. Students will learn about the culture, history and geography of the Chinese-speaking countries.

PREREQUISITE: NONE

### CHINESE 2 (1428)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>
		YEAR COURSE	<input checked="" type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>	OFFERED AT BHS	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10
12	<input checked="" type="checkbox"/>		

Chinese 2 students will learn new grammar structures and apply them to different situations. They will increase their vocabulary and improve their ability to comprehend written and spoken material. Students will refine their speaking proficiency. They will read selections of greater difficulty and will improve their writing skills, utilizing new vocabulary and grammar concepts. Students will learn about the culture, history, and geography of the Chinese-speaking countries.

PREREQUISITE: C GRADE OR BETTER IN LEVEL 1 (BOTH SEMESTERS)

### CHINESE 3 (1431)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>
		YEAR COURSE	<input checked="" type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>	OFFERED AT BHS	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10
12	<input checked="" type="checkbox"/>		

Chinese 3 students will continue to grow in language proficiency, fluency, and cultural understanding. They will review fundamental structures mastered in Levels 1 and 2. They will improve their speaking proficiency by expressing themselves in a variety of situations including group discussions, improvised conversations, and oral presentations. Students will read a variety of literary forms, including non-fiction, poetry, and prose. They will develop writing skills allowing them to express their own ideas in Chinese.

PREREQUISITE: C GRADE OR BETTER IN LEVEL 2 (BOTH SEMESTERS)

### CHINESE 4 H (1432)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>
		YEAR COURSE	<input checked="" type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>
10	<input checked="" type="checkbox"/>	OFFERED AT BHS	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10
12	<input checked="" type="checkbox"/>		

Chinese 4 Honors students will continue to grow in language proficiency, fluency, and cultural understanding. They will review fundamental structures mastered in Levels 2 and 3. They will improve their speaking proficiency by expressing themselves in a variety of situations including group discussions, improvised conversations, and oral presentations. Students will read a variety of literary forms, including non-fiction, poetry, and prose. They will develop writing skills allowing them to express their own ideas in Chinese.

PREREQUISITE: B GRADE OR BETTER IN LEVEL 3 (BOTH SEMESTERS)

## e. Languages other than English – 2 years required, 3 years recommended

### CHINESE LANGUAGE AP (1433)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED		Chinese Language AP is designed to deepen students' immersion into the Mandarin Chinese language and culture. Students will continue to grow in language proficiency, fluency, and cultural understanding. The course will prepare students to demonstrate their level of Chinese proficiency. Students focus on language proficiency while interweaving level-and age-appropriate cultural content throughout the course and providing frequent formative assessment of students' developing proficiencies within the context of their learning.
<b>GRADE LEVEL</b>	<input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT BHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED:	10	
9			
10			
11			
12			
PREREQUISITE: C GRADE OR BETTER IN LEVEL 3 (BOTH SEMESTERS)			

### FRENCH 1 (1400)

<b>PREREQUISITE</b>	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED		French 1 student will acquire a basic vocabulary of approximately 1,000 words. Most students will be able to interact comfortably in situations that require the giving and receiving of basic information. Students will be able to introduce themselves, family members or friends, talk about likes and dislikes, describe themselves and others in terms of physical characteristics and personality, make statements about dates, weather, seasonal activities, etc. In addition, students will be able to discuss other subjects recognizing similarities/distinct attitudes between their own culture and the culture of the francophone world.
<b>GRADE LEVEL</b>	<input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> MAX CREDIT ALLOWED:	10	
9			
10			
11			
12			
PREREQUISITE: NONE			

### FRENCH 2 (1401)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED		French 2 students will continue the acquisition of new vocabulary as well as thoroughly review the vocabulary and structures learned in level 1. Students will be able to understand many everyday phrases dealing with time, dates, places, professions, weather, travel, the self and family. New grammar structures will be introduced, including past and future tenses, enabling them to express themselves further in written form. Students will be able to communicate in French on a basic level within the context of units studied.
<b>GRADE LEVEL</b>	<input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> MAX CREDIT ALLOWED:	10	
9			
10			
11			
12			
PREREQUISITE: C GRADE OR BETTER IN LEVEL 1 (BOTH SEMESTERS)			

### FRENCH 3 (1402)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED		French 3 students will continue to grow in language proficiency, fluency development, and cultural understanding. Students will review and master fundamental structures learned in Levels 1 and 2. Students will improve their speaking proficiency by expressing themselves in a variety of situations including group discussions, improvised conversations, oral presentations, read a variety of literary forms and continue to develop their writing skills through the expression of their own ideas in French. The study of francophone culture, history and geography will continue.
<b>GRADE LEVEL</b>	<input type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> MAX CREDIT ALLOWED:	10	
9			
10			
11			
12			
PREREQUISITE: C GRADE OR BETTER IN LEVEL 2 (BOTH SEMESTERS)			

## e. Languages other than English – 2 years required, 3 years recommended

### FRENCH 4 H (1436)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	French 4 Honors students will continue to develop their language skills. Students will be required to perform at a higher level of proficiency in all skill areas: listening, comprehension, speaking, reading, and writing. Students will read a variety of materials, use French whenever possible in daily discussions and conversations, use more sophisticated vocabulary and speech patterns and continue to expand their awareness of French culture.
	<input type="checkbox"/> YEAR COURSE	<input checked="" type="checkbox"/>	
<b>GRADE LEVEL</b>	<input type="checkbox"/> UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/> WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>		PREREQUISITE: B GRADE OR BETTER IN LEVEL 3 (BOTH SEMESTERS)

### FRENCH LANGUAGE AP (1406)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	French Language AP students will continue to develop language proficiency and fluency with a greater degree of sophistication and spontaneity. Students will be able to speak and to write at length about many topics, including their personal interests, opinions, and experiences. Students will be able to comprehend native speakers and authentic materials in most situations and continue to study literature and culture.
	<input type="checkbox"/> YEAR COURSE	<input checked="" type="checkbox"/>	
<b>GRADE LEVEL</b>	<input type="checkbox"/> UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/> WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>		PREREQUISITE: B GRADE OR BETTER IN LEVEL 4 (H) (BOTH SEMESTERS)

### LATIN 1 (1421)

<b>PREREQUISITE</b>	<input type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Latin 1 teaches skills for reading, listening, speaking, and understanding the Latin language and literature. A student becomes acquainted with the roots of his own language, builds an English vocabulary of his own, and is exposed to the rhetoric and literary skills of the Greeks and Romans who fashioned our civilization. Ancient people, laws, customs, and folk-tales will be studied through translations, reports, and the use of multimedia such as tapes, records, slides, films, transparencies, and overlays.
	<input type="checkbox"/> YEAR COURSE	<input checked="" type="checkbox"/>	
<b>GRADE LEVEL</b>	<input type="checkbox"/> UC/CSU APPROVED	<input type="checkbox"/>	
9	<input checked="" type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/> OFFERED AT FHS/THS		
11	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>		PREREQUISITE: NONE

### LATIN 2 (1422)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Latin 2 is a continuation and reinforcement of the skills and objectives described for Latin 1. Completion of the study of the fundamentals of Latin grammar and graded readings by Roman writers comprise the main segment of the second level. Students expand their knowledge of the Near East and Mediterranean people to a greater appreciation of the themes and values of classical civilization.
	<input type="checkbox"/> YEAR COURSE	<input checked="" type="checkbox"/>	
<b>GRADE LEVEL</b>	<input type="checkbox"/> UC/CSU APPROVED	<input type="checkbox"/>	
9	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/> OFFERED AT FHS/THS		
11	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>		PREREQUISITE: C GRADE OR BETTER IN LEVEL 1 (BOTH SEMESTERS)

## e. Languages other than English – 2 years required, 3 years recommended

### LATIN 3 (1423)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Latin 3 students continue the study of the Latin language, literature, civilization and culture of the Greco-Roman world, and the transmission of Western ideas and ideals with their resulting influence upon contemporary life. Students will learn the basic nature of poetry, prosody, and the literary contribution of the Roman poets.
	YEAR COURSE	<input checked="" type="checkbox"/>	
<b>GRADE LEVEL</b>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/> OFFERED AT FHS/THS		
11	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>		PREREQUISITE: C GRADE OR BETTER IN LEVEL 2 (BOTH SEMESTERS)

### LATIN 4 H (1442)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Latin 4 Honors continues the instruction of Latin and the Greco-Roman world by means of Greek and Roman literature, drama, mythology, art, history, philosophy, and archeology. Students compare the Aeneid with the Odyssey and the Iliad and thereby reach an understanding of the epic genre.
	YEAR COURSE	<input checked="" type="checkbox"/>	
<b>GRADE LEVEL</b>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/> WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/> OFFERED AT FHS/THS		
11	<input type="checkbox"/> MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>		PREREQUISITE: B GRADE OR BETTER IN LEVEL 3 (BOTH SEMESTERS)

### SPANISH 1 (1414)

<b>PREREQUISITE</b>	<input type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	Students in Spanish 1 will have acquired a basic vocabulary of approximately 1,000 words. Most students are able to interact comfortably in situations that require the use of basic information. Students will be able to introduce themselves, family members or friends, talk about likes and dislikes, describe clothing (colors), appearance, mood, personality; make statements about dates, weather, seasonal activities, etc. In addition, students will be able to discuss other subjects recognizing similar/distinct attitudes between their own culture and the culture of the Hispanic world.
	YEAR COURSE	<input checked="" type="checkbox"/>	
<b>GRADE LEVEL</b>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>		PREREQUISITE: NONE

### SPANISH 2 (1415)

<b>PREREQUISITE</b>	<input checked="" type="checkbox"/> SEMESTER COURSE	<input type="checkbox"/>	After two years, students in Spanish 2 will comprehend many everyday phrases dealing with time, dates, places, professions, weather, travel, self and family. Students will recognize differences in the present, past, and future tense and make correct responses within their vocabulary range. Students will understand stories and other longer passages from the presented vocabulary. At the end of the second year, students will have acquired a listening comprehension vocabulary of more than 1,400 words. Students will continue to study the culture of the Hispanic world.
	YEAR COURSE	<input checked="" type="checkbox"/>	
<b>GRADE LEVEL</b>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10		
12	<input checked="" type="checkbox"/>		PREREQUISITE: C GRADE OR BETTER IN LEVEL 1 (BOTH SEMESTERS)



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## e. Languages other than English – 2 years required, 3 years recommended

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### SPANISH 3 (1416)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	In Spanish 3, students will continue to grow in language proficiency, fluency, and cultural understanding. Students will learn new grammar structures and vocabulary and will improve their speaking proficiency by expressing themselves in a variety of situations. There will be an increasing use of authentic material to improve listening and reading comprehension. Students will develop writing skills allowing them to express their own ideas in Spanish.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	<input type="checkbox"/> UC/CSU APPROVED	■	
10	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: C GRADE OR BETTER IN LEVEL 2 (BOTH SEMESTERS)

### SPANISH 4 H (1440)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Spanish 4 Honors students will continue to develop their language skills. Students will be required to perform at a higher level of proficiency in all skill areas: listening, comprehension, speaking, reading, and writing. Students will read a variety of materials, use Spanish whenever possible in daily discussions and conversations, use more sophisticated vocabulary and speech patterns. Students will continue to expand their awareness of Hispanic culture.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	<input type="checkbox"/> UC/CSU APPROVED	■	
10	<input type="checkbox"/> WEIGHTED GRADE	■	
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: B GRADE OR BETTER IN LEVEL 3 (BOTH SEMESTERS)

### SPANISH LANGUAGE AP (1420)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Spanish Language AP students will continue to develop language proficiency and fluency with a greater degree of sophistication and spontaneity. Students will be able to speak and to write at length about many topics, including their personal interests, opinions, experiences, and be able to comprehend native speakers and authentic materials in most situations. Students will continue to study literature and culture.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	<input type="checkbox"/> UC/CSU APPROVED	■	
10	<input type="checkbox"/> WEIGHTED GRADE	■	
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: B GRADE OR BETTER IN LEVEL 4 H OR SNS 3 (BOTH SEMESTERS)

### SPANISH FOR NATIVE SPEAKERS 1 (1435)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Spanish for Native Speakers 1 is designed for students who speak Spanish fluently and want to improve their reading, writing, listening and speaking skills in Spanish. Emphasis is placed on composition, grammar, spelling and reading comprehension. Students are introduced to the literature and culture of the Spanish speaking world. The University of California considers this course to be the equivalent of 1 year of a foreign language.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	<input type="checkbox"/> UC/CSU APPROVED	■	
10	<input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/>	
11	■ MAX CREDIT ALLOWED: 10		
12	■		
			PREREQUISITE: DIAGNOSTIC PLACEMENT TEST

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## e. Languages other than English – 2 years required, 3 years recommended

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### SPANISH FOR NATIVE SPEAKERS 2 (1443)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Spanish for Native Speakers 2 is designed for students who have completed Spanish for Native Speakers 1 or demonstrate proficiency in Spanish. Emphasis is on improving Spanish writing skills and grammar, and exploring Spanish, Chicano and Latin American literature, culture and history. Students are introduced to the literature and culture of the Spanish speaking world. The University of California considers this course to be the equivalent of 2 years of a foreign language.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	UC/CSU APPROVED	■	
10	WEIGHTED GRADE	<input type="checkbox"/>	
11	MAX CREDIT ALLOWED:	10	
12	■		
			PREREQUISITE: C GRADE OR BETTER IN LEVEL 1 (BOTH SEMESTERS)

### SPANISH FOR NATIVE SPEAKERS 3 (1444)

PREREQUISITE	■ SEMESTER COURSE	<input type="checkbox"/>	Spanish for Native Speakers 3 is designed for students who have completed Spanish for Native Speakers 2 demonstrate proficiency in Spanish. Emphasis is on improving Spanish writing skills and grammar, and exploring Spanish, Chicano and Latin American literature, culture and history. The University of California system considers this course to be the equivalent of 3 years of a foreign language.
<u>GRADE LEVEL</u>	YEAR COURSE	■	
9	UC/CSU APPROVED	■	
10	WEIGHTED GRADE	<input type="checkbox"/>	
11	MAX CREDIT ALLOWED:	10	
12	■		
			PREREQUISITE: C GRADE OR BETTER IN LEVEL 2 (BOTH SEMESTERS)

## f. Visual and Performing Arts (VPA) – 1 year required

### ADVANCED DRAWING AND PAINTING (1302)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>Advanced Drawing and Painting is a yearlong course offering the opportunity to develop and expand abilities of observation, imagination, and expression. The main areas of in-depth study are drawing and painting techniques and media, color theory and surface qualities with an emphasis on communicating and expressing emotions and moods through the use of color. Current and past trends are studied as they relate to the various assignments.</p> <p>PREREQUISITE: PORTFOLIO</p>
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### ART HISTORY AP (1353)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>11                   <input type="checkbox"/> WEIGHTED GRADE           <input checked="" type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED AT BHS/THS      <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>Art History AP deals with the understanding, appreciation and enjoyment of architecture, sculpture and painting within historical and cultural contexts from prehistory to the present. Students learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see and experience. It is a class goal that students take the advanced placement examination in History of Art and earn a passing grade.</p> <p>PREREQUISITE: NONE</p>
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### BAND ADVANCED (1336)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED AT THS           <input type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40</p>	<p>The Advanced Band ensemble studies and performs music written for varying combinations of wind and percussion instruments. Emphasis is on ensemble techniques including articulation, balance, bow technique, phrasing, expression and accompanying. Concerts typically include works for small groups as well as those for full symphonic orchestra. Second semester Band Advanced includes rehearsal and performance of literature written for large jazz ensemble with emphasis on methods and materials. Music will include works for small jazz combos. Course provides a laboratory setting for student arrangers and composers.</p> <p>PREREQUISITE: NONE</p>
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### BASS CHOIR (1340)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40</p>	<p>Bass Choir is devoted to the study and performance of music from various time periods and contrasting styles. Students acquire skills in reading music notation and develop ensemble techniques including posture, breath control, correct tone production and diction. Vocal technique addresses the needs of the developing male voice in the lowest vocal part of an ensemble.</p> <p>PREREQUISITE: NONE</p>
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## f. Visual and Performing Arts (VPA) – 1 year required

### CERAMICS (1362)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Ceramics is designed to give all students a meaningful introduction to the breadth and depth of the visual arts. Students will be provided with opportunities to articulate their thoughts artistically, verbally, and through writing. Acquisition of art knowledge and skill in artistic perception will enable students to apply critical thinking and problem solving in an ongoing exploration of the subject of art. This course meets the University of California's "f" requirement for visual and performing arts.</p> <p>PREREQUISITE: NONE</p>
	<input type="checkbox"/>	YEAR COURSE	<input checked="" type="checkbox"/>	
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>	OFFERED AT FHS/THS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### CHAMBER ORCHESTRA (1363)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Chamber Orchestra is a course designed for students in need of additional and articulated levels of orchestra for an ensemble. This course is devoted to the study and performance of music written for orchestral string instruments. Students acquire skills in reading music notation and develop ensemble techniques including articulation, balance, phrasing, expression, bow technique and accompanying. Concerts include works for the full ensemble representative of standard orchestral literature as well as contemporary works and original works by students.</p> <p>PREREQUISITE: NONE</p>
	<input type="checkbox"/>	YEAR COURSE	<input checked="" type="checkbox"/>	
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>	OFFERED AT BHS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	40	
12	<input checked="" type="checkbox"/>			

### COMPUTER GRAPHICS (ROP) (1955)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>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 graphics image editing to manipulate and apply artistic effects to digital photographs and art.</p> <p>PREREQUISITE: NONE</p>
	<input type="checkbox"/>	YEAR COURSE	<input checked="" type="checkbox"/>	
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/>	OFFERED AT THS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### CONCERT CHOIR (1339)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Concert Choir singers are chosen according to ability, talent, and determination and expected to have a basic foundation in music, singing, and theory. Following a part is one of the requirements, and a sense of rhythms and feeling of music are mandatory. Students gain an understanding of music they perform and at the same time learn more about historical periods of music. Students study all types of four-part choral literature, choral techniques, music reading, and ear training. Public performance is a part of the training.</p> <p>PREREQUISITE: NONE</p>
	<input type="checkbox"/>	YEAR COURSE	<input checked="" type="checkbox"/>	
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>	OFFERED AT FHS/THS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	40	
12	<input checked="" type="checkbox"/>			

## f. Visual and Performing Arts (VPA) – 1 year required

### CONCERT ORCHESTRA (1350)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Concert Orchestra is an ensemble devoted to the study and performance of music written for varying combinations of string instruments. Emphasis is on ensemble techniques that include articulation, balance, bow technique, phrasing, expression, and accompanying. Concerts typically include works for small groups as well as those for full symphonic orchestra.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT BHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40		

### DANCE EXPLORATION (1331)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Dance Exploration is a studio workshop in contemporary dance trends emphasizing the basic movement principles of jazz, modern, and ballet. Performance opportunities available by audition.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT FHS/THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40		

### DIGITAL FILMMAKING (1371)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Digital Filmmaking is a year-long Career Technical Education (CTE) elective course that meets the UC “a-g” requirements (in the “g” area) and builds on students’ artistic design and development skills by focusing on larger video production projects, including documentary and narrative filmmaking. Digital Filmmaking is the second course in a three-course digital media arts pathway at each TUSD high school. Students learn advanced editing, audio, and motion graphic techniques. Students continue to work in teams, produce rich video communications, focus on effective composition and communication, project management, design specifications, and iterative development. They produce scripts, project plans, treatments, storyboards, and presentations to plan and communicate ideas and themes for videos and then use assembly and rough cuts to visualize and review with clients, teachers, and fellow students. Students are exposed to a variety of filmmaking and digital media related industries by exploring filmmaking through several formats including short films, movies, television production, news broadcasting, and documentaries. Students complete a digital portfolio that includes their aspirations, goals, and interests in the area of filmmaking. Students leave this course with the requisite skill set for an entry-level career in the arts, media, and entertainment industry as well as a portfolio that will assist with admissions into post-secondary institutions.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT BHS/FHS/THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10		

## f. Visual and Performing Arts (VPA) – 1 year required

### DIGITAL VIDEO PRODUCTION (1165)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>In Digital Video Production, students will learn to appreciate film through creative video productions. The framework for the class is the study of the art of filmmaking and the creative process that precedes any film or television project. A film is the product of creativity, writing, rewriting, collaboration, and more rewrites. All students are expected to develop proficiency in each of the creative steps required for successful production.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	40	
12	<input checked="" type="checkbox"/>			

### DRAMA (1329)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Drama introduces the basics of acting technique, discipline, and stage movement through pantomime, improvisation, cuttings, and scenes. An appreciation of dramatic literature is also developed through reading, writing critiques, listening, viewing of plays, and writing original scenes and monologues. Active participation is required.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### DRAMA WORKSHOP (1326)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Drama Workshop introduces more advanced acting techniques, discipline and stage movement through pantomime, improvisation, cuttings and scenes. An appreciation of dramatic literature is also developed through reading, written critiques, listening and viewing of plays and the writing of original scenes and monologues. Students will be required to participate at festivals and perform in play productions.</p> <p>PREREQUISITE: AUDITION AND PORTFOLIO</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

## f. Visual and Performing Arts (VPA) – 1 year required

### DRAMATIC PRODUCTION (1370)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> OFFERED AT BHS/FHS       <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40</p>	<p>Dramatic Production is a year-long, introductory level, Career Technical Education (CTE) elective course in the arts, media, and entertainment industry sector. This course meets the UC “a-g” requirements for admission to the UC system. Dramatic Production is largely project-based and focuses on production as a collaborative art. It is designed to develop students’ ability to express themselves individually and collaboratively and to solidify their basic understanding of the elements, functions, and processes of production as an art form. Students will participate in writing, script analysis, directing, design, acting, self-evaluation, and critique. Students will gain an understanding of various genres, historical/cultural periods and styles in the theatrical tradition through reading, writing, and research. Post-secondary education requirements and career opportunities in the arts, media, and entertainment industry will be researched, discussed, and explored</p> <p>PREREQUISITE: B GRADE OR BETTER IN ENGLISH OR DRAMA</p>
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### DRAWING AND PAINTING (1301)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p>12                   <input checked="" type="checkbox"/></p>	<p>Drawing and Painting is a yearlong course offering the opportunity to develop and expand abilities of observation, imagination, and expression. The main areas of study are drawing and painting techniques and media, color theory and surface qualities. Current and past trends are studied as they relate to the various assignments.</p> <p>PREREQUISITE: NONE</p>
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### EXPLORATION OF ART (1361)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p>12                   <input checked="" type="checkbox"/></p>	<p>Exploration of Art fulfills prerequisite requirements for all present advanced course offerings serving as an in-depth exploration of various visual art forms including drawing, painting, graphic design, digital art, and sculpture. Designed to give all students independent of their artistic abilities and inclinations, a meaningful introduction to the breadth and depth of the subject of the visual arts. Through guided hands-on experience that creates pertinent context, utilizing methods and materials of various visual art forms, students will learn to communicate expressively through the creation of art works. Each unit will incorporate aspects of art history within cultural contexts and provide a foundation of understanding to allow the student/artist to formulate individual ideas about the nature and importance of art. Students will be provided with opportunities to articulate their thoughts about such matters artistically, verbally, and through writing. Acquisition of art knowledge and skill in artistic perception will enable students to apply critical thinking and problem solving in an on-going exploration of the subject of art.</p> <p>PREREQUISITE: NONE</p>
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## f. Visual and Performing Arts (VPA) – 1 year required

### FILM ANALYSIS (1351)

PREREQUISITE	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> Film Analysis enables the student to analyze, understand, and appreciate film. Students will critically view classic films and analyze them. Students will demonstrate understanding of the elements of film by preparing a video project. Strong reading and writing skills are required. In addition to the five hours of class time per week, lab time scheduled outside of class time will be necessary for research and project preparation.
<b>GRADE LEVEL</b>		
9	<input type="checkbox"/> OFFERED AT THS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10	
10	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	
12	<input checked="" type="checkbox"/>	
		PREREQUISITE: B GRADE OR BETTER IN ENGLISH OR DRAMA

### GRAPHIC DESIGN 1 (1155)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> In Graphic Design 1 students will explore two-dimensional real-world applications of design. After acquiring a historical context of graphic design, students will develop skills in artistic perception, critiquing, and application of design strategies through experiences that emphasize solving visual art problems. Students will develop an awareness of historical trends in design, themes and subject matter from diverse times, places and cultures.
<b>GRADE LEVEL</b>		
9	<input checked="" type="checkbox"/> OFFERED AT BHS/FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10	
10	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	
12	<input checked="" type="checkbox"/>	
		PREREQUISITE: NONE

### GRAPHIC DESIGN 2 (1156)

PREREQUISITE	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> Graphic Design 2 is an advanced level course that further explores the artistic elements and principles of design via digital graphic applications within a real world context. The curriculum is designed to enable students to meet the creative needs of "real" clients. Projects will include building the design process skills (research, planning, producing, critique and revisions) with such projects as promotions for plays, music events and dances.
<b>GRADE LEVEL</b>		
9	<input checked="" type="checkbox"/> OFFERED AT BHS/FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10	
10	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	
12	<input checked="" type="checkbox"/>	
		PREREQUISITE: SUCCESSFUL COMPLETION OF GRAPHIC DESIGN 1

### GRAPHIC DESIGN 3 (1157)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> Graphic Design 3 is an advanced level course that further explores the artistic elements and principles of design via digital graphic applications within a real world context. The curriculum is designed to enable students to meet the creative needs of "real" clients. Projects will include building the design process skills (research, planning, producing, critique and revisions) with such projects as promotions for plays, music events and dances.
<b>GRADE LEVEL</b>		
9	<input type="checkbox"/> OFFERED AT BHS/FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10	
10	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	
12	<input checked="" type="checkbox"/>	
		PREREQUISITE: NONE



## f. Visual and Performing Arts (VPA) – 1 year required

### GUITAR (1365)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Guitar is an ensemble approach to the study and performance of music written for varying styles of guitar music. Emphasis is on reading chord charts and learning the basics of strum techniques, with attention to the elements of classical guitar playing, including note reading, articulation, phrasing, expression and accompanying while singing.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT BHS/FHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40		

### INDEPENDENT FILM PROJECTS (1372)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Independent Film Projects is a year-long, advanced-level, Career Technical Education (CTE) elective course that meets the UC “g” requirement for admission into the UC system and builds on students’ artistic design and writing skills by focusing on a variety of video production projects. These advanced film projects include documentaries, narratives, commercials, and music videos. The course is intended for students planning to pursue a career or post-secondary major in film and video production. Major historical and cultural trends in world cinematic history are covered through lecture and discussion. Students will also research historical/cultural trends and make presentations to the class based on their findings and interpretations. An in-depth study of camera movement and expression, lighting techniques and aesthetics, and editing techniques is followed by critical analysis and study of master works of film. Students enrolled in the Independent Film Projects class are expected to produce a short film for entry into the Southern California Student Film Festival.</p> <p>PREREQUISITE: B GRADE OR BETTER IN ENGLISH OR DRAMA</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40		
12	<input checked="" type="checkbox"/>			

### JAZZ ENSEMBLE (1349)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input checked="" type="checkbox"/>	<p>Jazz Ensemble includes rehearsal and performance of literature written for large jazz ensemble with emphasis on methods and materials. Music will include works for small jazz combos. Course provides a laboratory setting for student arrangers and composers. Meets CSU/UC (f – Visual and Performing Art) if taken for an entire year.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT BHS/FHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40		

## f. Visual and Performing Arts (VPA) – 1 year required

### MADRIGALS (1342)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> OFFERED AT BHS/FHS</p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40</p>	<p>Madrigals is a select ensemble devoted to the study and performance of music written for varying combinations of vocal ensembles. Emphasis on ensemble techniques including articulation, balance, phrasing and expression. Concerts typically include works for small groups as well as those for full choirs.</p> <p>PREREQUISITE: AUDITION</p>
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### MEDIA ARTS AND TECHNOLOGY (1359)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p>12                   <input checked="" type="checkbox"/></p>	<p>Media Arts and Technology is an introductory course in desktop video production (creating multimedia presentations using the computer) and traditional video production. It incorporates specific technology instruction, speakers, field trips, media viewing, and analysis. Both classes will focus on team building, creative problem solving, embedded assessment, and critical analysis. Shared project skills include storyboarding and/or scripting, writing and presenting proposals, and giving and receiving critical feedback.</p> <p>PREREQUISITE: NONE</p>
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### MEDIA ARTS AND TECHNOLOGY-ADVANCED (1356)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p>12                   <input checked="" type="checkbox"/></p>	<p>Media Arts and Technology-Advanced offers the second year Media Arts &amp; Technology student the opportunity to continue work in computer multimedia and/or video production in the creation of both personal and community service-based projects. Personal projects may include a video portfolio, projects for competition (i.e., National Student Film Institute), and multimedia work for other classes. Community service-based projects may include promotional videos for organizations such as the Orange County Fire Department, school athletics and performance groups, and instructional videos for individual classroom teachers.</p> <p>PREREQUISITE: C GRADE OR BETTER IN MEDIA ARTS &amp; TECHNOLOGY</p>
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### MIXED CHORUS (1341)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> OFFERED AT BHS/FHS</p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40</p>	<p>Mixed Chorus is an ensemble devoted to the study and performance of music written for varying local ensembles. Emphasis on ensemble techniques. No audition required.</p> <p>PREREQUISITE: NONE</p>
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## f. Visual and Performing Arts (VPA) – 1 year required

### MULTIMEDIA COMMUNICATION DESIGN (ROP) (9118)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	Develop a broad perspective of the art, design and communication theory, processes and tools, applications and occupational opportunities in multimedia design. Design elements and principles will be applied to projects ranging from print media publications, digital presentations, and website design incorporated with text, graphics, sound, animations and video.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10		
				PREREQUISITE: NONE

### ORCHESTRA (1357)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	Orchestra is an ensemble devoted to the study and performance of music written for varying combinations of string instruments. Emphasis is on ensemble techniques that include articulation, balance, bow technique, phrasing, expression, and accompanying. Concerts typically include works for small groups as well as those for full symphonic orchestra.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT FHS/THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40		
				PREREQUISITE: NONE

### PHOTOGRAPHY 1 (1152)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	Photography 1 introduces students to basic photography. Students will learn to use a camera and darkroom equipment and practice safe working techniques. Seventy-five percent of the curriculum is practical work and includes photo shoots and processing film. Access to a 35mm camera is ideal.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10		
				PREREQUISITE: NONE

### PHOTOGRAPHY & DESIGN (1158)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	Photography and Design will provide students with knowledge in the visual arts that connects to expressive and technical skills. It is designed to empower students with the ability to make art as well as develop personal connections between the course material and their individual, cultural experiences.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10		
				PREREQUISITE: NONE

## f. Visual and Performing Arts (VPA) – 1 year required

### ROBOTICS 2 (1126)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	Robotics 2 will illustrate the engineering design process, the importance of integrating sensors, effectors and control, and briefly discuss robot learning and multi-robot systems. Students will work in engineering teams to design, build and test increasingly complex robots. In the lab, robots will be used to solve weekly challenges. The course culminates in a final project where student teams design, build and program a robot for a final competition.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT BHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	PREREQUISITE: NONE

### STAGE BAND (1337)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	Stage Band includes rehearsal and performance of literature written for large jazz ensemble with emphasis on methods and materials. Music will include works for small jazz combos. Course provides a laboratory setting for student arrangers and composers.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	40	PREREQUISITE: NONE

### STAGECRAFT (1327)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	Stagecraft is coordinated with Drama Workshop and Advanced Theatre Arts. Students study the technical organization of the theatre, learn the theory of designing, construction, painting, manufacturing, lighting stage settings, and gain practical experience through working with the staging of student theatrical productions. Students may take the second, third, or fourth year of stagecraft with permission
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT BHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	20	PREREQUISITE: B GRADE OR BETTER IN BEGINNING DRAMA AND PORTFOLIO

### STUDIO ART AP (1358)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	In Studio Arts AP, students create works of art that investigate formal and conceptual issues, bringing about an understanding of art-making as an ongoing process that involves informed and critical decision-making, and allow for the development of technical skills. Students complete a Drawing Portfolio, 2-D Design Portfolio or 3-D Design Portfolio. In place of an Advanced Placement examination in Studio Art, students submit portfolios at the end of the school year.
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT BHS/FHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	PREREQUISITE: NONE

## f. Visual and Performing Arts (VPA) – 1 year required

### STUDIO DRAWING AND PAINTING (1303)

PREREQUISITE	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Studio Drawing and Painting is a yearlong course offering the opportunity to develop and expand abilities of observation, imagination, and expression. The main areas of in-depth study are drawing and painting techniques and media, color theory and surface qualities. Students will create artwork that interprets subjects such as fantasy, science fiction and surrealism. Current and past trends are studied as they relate to the various assignments.
<b>GRADE LEVEL</b>			
9	<input type="checkbox"/> <input checked="" type="checkbox"/>		
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/>		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 10	PREREQUISITE: PORTFOLIO

### SYMPHONIC BAND (1347)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Symphonic Band is designed for the student with limited musical experience who wants to develop and practice basic instrumental technique. Musicianship will be stressed. Public performance is a part of the training.
<b>GRADE LEVEL</b>			
9	<input checked="" type="checkbox"/>		
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/>		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40	PREREQUISITE: NONE

### SYMPHONIC ORCHESTRA (1364)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Symphonic Orchestra is a course designed for students in need of additional and articulated levels of orchestra for an ensemble. This course is devoted to the study and performance of music written for orchestral string instruments. Students acquire skills in reading music notation and develop ensemble techniques including articulation, balance, phrasing, expression, bow technique and accompanying. Concerts include works for the full ensemble representative of standard orchestral literature as well as contemporary works and original works by students.
<b>GRADE LEVEL</b>			
9	<input checked="" type="checkbox"/>		
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/>		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40	PREREQUISITE: NONE

### THEATRE ARTS ADVANCED (1328)

PREREQUISITE	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	Theatre Arts is an advanced course in play production and will promote students' artistic abilities and dramatic skills through reading, writing, designing, budgeting, planning, and producing theatre. Students are expected to view and analyze professional and student productions. Proficiency in the dramatic arts is required as the class functions as acting/producing ensemble. In addition to the five hours of class time per week, additional rehearsal outside of class time is required for performance preparation.
<b>GRADE LEVEL</b>			
9	<input type="checkbox"/>		
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/>		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED: 40	PREREQUISITE: AUDITION AND PORTFOLIO

## f. Visual and Performing Arts (VPA) – 1 year required

### TREBLE CHOIR ADVANCED (1346)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Treble Choir Advanced continues the study of choral singing techniques including posture, breath control, correct tone production, and pronunciation of vowels and consonants. This course begins a study of representative music from the Renaissance and Baroque periods and continues with standard seasonal music.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>			
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	40	
12	<input checked="" type="checkbox"/>			

### VISUAL ARTS HIGHER LEVEL IB (9321)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Visual Arts Higher Level IB is a two-year course designed for the visual arts student with creative and imaginative abilities or whose interest in art is mainly critical, cultural and historical. The course contains two compulsory parts: Studio Work and Research Workbooks. The course will include the elements and Standards of the Visual Arts Standard Level IB course and expand upon them. This course will fulfill the assessments for the International Baccalaureate (IB) Visual Arts Higher Level Subject. The content of the course aligns with the California Visual and Performing Arts Content Standards and framework.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	OFFERED AT FHS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### VISUAL ARTS STANDARD LEVEL IB (9320)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Visual Arts Standard Level IB is designed for the visual arts student with creative and imaginative abilities or whose interest in art is mainly critical, cultural and historical. The course contains two compulsory parts: Studio Work and Research Workbooks. This course will fulfill the assessments for the International Baccalaureate (IB) Visual Arts Standard Level Subject. The content of the course aligns with the California Visual and Performing Arts Content Standards and framework.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	OFFERED AT FHS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### VISUAL IMAGERY (1360)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Visual Imagery is designed for the student interested in basic and advanced techniques in visual technology. Students will be taught traditional photography techniques and develop the ability to transfer those skills to the electronic media. The student will be required to produce both digital images and video productions using computers. Commercial aspects of the industry will emphasize the development of an idea, the presentation of the product electronically, and the marketing of the product to the customer.</p> <p>PREREQUISITE: NONE IF NON-ROP; 16 YEARS OR OLDER IF IN ROP SECTION</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input checked="" type="checkbox"/>			
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			



## g. College-Preparatory Electives – 1 year required

### AP COMPUTER SCIENCE PRINCIPLES (1155P)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>AP Computer Science Principles will offer a multidisciplinary approach to teach the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. Students will have the opportunity to use technology to address real-world problems and build relevant solutions.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/>	OFFERED AT FHS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### AVID SENIOR SEMINAR (9301)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>AVID Senior Seminar is designed for seniors who are college bound. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. To ensure success in college-prep course work, students work individually as well as in tutor-led collaborative groups. Note taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. The course also includes college motivational activities.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
10	<input type="checkbox"/>			
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### COMPUTER INTEGRATED MANUFACTURING PLTW (3010)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Computer Integrated Manufacturing (CIM) is a proposed course to be a part of the Project Lead the Way (PLTW) Engineering pathway. In this course, students will learn automated manufacturing concepts by creating three-dimensional designs with modeling software and producing models of their designs with Computer Numerically Controlled (CNC) machine tools. Topics covered will include machine tool operation, industrial practices, tool motion, and CNC programming, simulations, prototyping, robotics and manufacturing systems.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	OFFERED AT FHS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### COMPUTER SCIENCE A AP (1115)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Computer Science A AP is a one-year elective course. It is designed to: (1) develop an integrated mathematics and science program that encourages students to explore and enhance creative talents, (2) challenge students to apply mathematics/science themes to real world opportunities to discover and invent, and (3) allow students to realize the real world connection between school and career.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>			
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			



## g. College-Preparatory Electives – 1 year required

### COMPUTER SCIENCE AND SOFTWARE ENGINEERING PLTW (1132)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input type="checkbox"/> WEIGHTED GRADE</p> <p><input checked="" type="checkbox"/> OFFERED AT FHS/THS</p> <p><input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p>10</p>	<p>Computer Science and Software Engineering is a course that is designed to develop and foster computational thinking. This course will provide a foundation in the field of computing and will introduce computational tools that foster creativity for application in the software or engineering industries. In CSE, students will work in teams to create apps for mobile devices, automate tasks in a variety of languages, and will learn to identify patterns in data. Students will collaborate to create and present solutions that can improve people's lives, and weigh the ethical and societal issues of how computing and connectivity are changing the world. Other topics will include code languages such as Scratch, Python, HTML, and SQL, as well as cyber security and the impact and application of computer science in a variety of fields.</p> <p>PREREQUISITE: NONE</p>
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### DIGITAL FILMMAKING (1371)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input checked="" type="checkbox"/> WEIGHTED GRADE</p> <p><input checked="" type="checkbox"/> OFFERED AT BHS/THS</p> <p><input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p> <p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p>10</p>	<p>Digital Filmmaking is a year-long Career Technical Education (CTE) elective course that meets the UC "a-g" requirements (in the "g" area) and builds on students' artistic design and development skills by focusing on larger video production projects, including documentary and narrative filmmaking. Digital Filmmaking is the second course in a three-course digital media arts pathway at each TUSD high school. Students learn advanced editing, audio, and motion graphic techniques. Students continue to work in teams, produce rich video communications, focus on effective composition and communication, project management, design specifications, and iterative development. They produce scripts, project plans, treatments, storyboards, and presentations to plan and communicate ideas and themes for videos and then use assembly and rough cuts to visualize and review with clients, teachers, and fellow students. Students are exposed to a variety of filmmaking and digital media related industries by exploring filmmaking through several formats including short films, movies, television production, news broadcasting, and documentaries. Students complete a digital portfolio that includes their aspirations, goals, and interests in the area of filmmaking. Students leave this course with the requisite skill set for an entry-level career in the arts, media, and entertainment industry as well as a portfolio that will assist with admissions into post-secondary institutions.</p> <p>PREREQUISITE: NONE</p>
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## g. College-Preparatory Electives – 1 year required

### ENGINEERING DESIGN AND DEVELOPMENT PLTW (1131)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>In this capstone course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel. This course is appropriate for 12<sup>th</sup> grade students.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

### FASHION DESIGN 1 (1195)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Fashion Design 1 is an introductory course in clothing construction and fashion design. Projects will be adapted to each student's ability and interest. Students will be taught safe practices and care of sewing machines and equipment.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT FHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	5	

### FORENSIC SCIENCE (OTHER/LIFE SCIENCE/PHYSICAL SCIENCE) (1739)

PREREQUISITE	<input checked="" type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Forensic science builds upon the major academic themes of Biology and Chemistry, utilizing lecture, demonstration, problem solving, and in-depth, hands-on laboratory activities and experiments in a forensic context. The course emphasizes problem solving skills, critical thinking, hands-on lab experience, and career pathways. The context focus is on the nature of physical evidence collected at a crime scene and the analyses of this evidence. Students will be engaged in forensic case studies, leadership projects, and debates.</p> <p>PREREQUISITE: SUCCESSFUL COMPLETION OF TWO OTHER YEARS OF SCIENCE (LIFE AND PHYSICAL)</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT BHS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	

### INTRODUCTION TO ENGINEERING DESIGN PLTW (1120)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.</p> <p>PREREQUISITE: NONE</p>
<u>GRADE LEVEL</u>		YEAR COURSE	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	UC/CSU APPROVED	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>	
11	<input checked="" type="checkbox"/>	OFFERED AT FHS/THS		
12	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	

## g. College-Preparatory Electives – 1 year required

### JOURNALISM 1 (1226)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED FHS                   <input type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>Journalism 1 provides an introductory study of the principles of news gathering and news writing. Students will learn the basics of fact gathering and documentation necessary to write a story. Students will learn interview and research methods as well as the principles of libel and ethics. Lab experience provides opportunity to develop skills in areas that include photography, headline writing, news writing, and newspaper layout.</p> <p>PREREQUISITE: NONE</p>
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### JOURNALISM 2 (1215)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED FHS                   <input type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>Journalism 2 augments techniques learned in Journalism 1 through the experience of writing for the school newspaper. Students will play varied roles on the newspaper staff as reporters and editors. Journalism 2 may be used to meet the UC or the Cal State additional academic elective requirement.</p> <p>PREREQUISITE: JOURNALISM 1</p>
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### JOURNALISM 3 (1216)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED FHS                   <input type="checkbox"/></p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>Journalism 3 augments techniques learned in Journalism 1 &amp; 2 through the experience of writing for the school newspaper. Students will play varied roles on the newspaper staff as reporters and editors. Journalism 3 may be used to meet the UC or the Cal State additional academic elective requirement.</p> <p>PREREQUISITE: JOURNALISM 1 AND 2</p>
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### JOURNALISM 4 (1217)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input checked="" type="checkbox"/></p> <p>11                   <input type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED FHS                   <input type="checkbox"/></p> <p>                         <input type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>Students of Journalism 4 augment techniques learned in Journalism 1, 2 &amp; 3 through the experience of writing for the school newspaper. Students will play varied roles on the newspaper staff as reporters and editors. Journalism 4 may be used to meet the UC or the Cal State additional academic elective requirement.</p> <p>PREREQUISITE: JOURNALISM 1, 2, AND 3</p>
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## g. College-Preparatory Electives – 1 year required

### GLOBAL ISSUES MODEL UN II HONORS (1834)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Students will study modern global issues and their correlation with world history. Students will actively participate in three intermediate level Model United Nations simulations, demonstrating basic skills of diplomacy, group negotiation, formal speaking and conflict negotiation. Students will learn the basics of committee procedure and protocol in preparation to assist in running a committee simulation at the Tustin High MUN Conference. Students will research possible future Capstone service learning projects, identifying a focus and drafting a proposal. Students will be prepared for successful continuation in the MUN Leadership Academy.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	OFFERED AT THS		
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input type="checkbox"/>			

### UNITED STATES FOREIGN POLICY MODEL UN III HONORS (1835)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Students will study the effects and implications of modern and historic US foreign policy as well as related global issues. Students will practice Advanced MUN conference strategies for various competition formats (including Western and European style conferences). Students will develop committee topics, write topic synopses and function as a committee chair at the THSMUN conference. While serving as mentors to the level I and II MUN Academy members, students will learn how to guide and instruct their peers leading up to competitions. Students will interview and shadow professionals in related fields, as they draft and implement logistics and operations plans for their Capstone projects.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	OFFERED AT THS		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input type="checkbox"/>			

### COMPARATIVE GOVERNMENT AND POLITICS MODEL UN IV HONORS (1833)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input type="checkbox"/>	<p>Students will study and compare foreign government structures and policies as well as related global issues. In preparation of their Capstone Project, students will assemble their digital portfolio which serves as a retrospective on their achievements and growth within the leadership academy. Students will demonstrate mastery of advanced MUN conference strategies for various competition formats. As conference leaders, students will oversee student chair training (as well as all other logistical areas of the conference). Capstone students will carry out and manage their previously planned Capstone service learning project and document their progress in preparation for a formal evaluation on both a written and oral defense of their project.</p> <p>PREREQUISITE: NONE</p>
<b>GRADE LEVEL</b>		YEAR COURSE	<input checked="" type="checkbox"/>	
		UC/CSU APPROVED	<input checked="" type="checkbox"/>	
9	<input type="checkbox"/>	WEIGHTED GRADE	<input checked="" type="checkbox"/>	
10	<input type="checkbox"/>	OFFERED AT THS		
11	<input type="checkbox"/>	MAX CREDIT ALLOWED:	10	
12	<input checked="" type="checkbox"/>			

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## g. College-Preparatory Electives – 1 year required

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### PRINCIPLES OF ENGINEERING PLTW (1121)

PREREQUISITE  <u>GRADE LEVEL</u>  9  10  11  12	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS/THS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10 <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges.          PREREQUISITE: NONE
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### ROBOTICS (1125)

PREREQUISITE  <u>GRADE LEVEL</u>  9  10  11  12	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input checked="" type="checkbox"/> UC/CSU APPROVED <input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10 <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Robotics is a continuation of the robot principles learned at previous levels, but new students with no robotics background are capable of completing the course. In a flexible format, students learn about engineering and engineering problem solving. Students will be given introductions to the VEX Robotics Design System and Autodesk Inventor while learning key STEM principles through a process that captures the excitement and engagement of robotics competition. The curriculum is heavily focused on mechatronic principles and robotic programming language using RobotC.          PREREQUISITE: NONE
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## TUSD – Electives

### ALGEBRA ENRICHMENT (1544)

PREREQUISITE  <u>GRADE LEVEL</u>  9  10  11  12	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 20 <input checked="" type="checkbox"/>	Algebra Enrichment is designed to develop conceptual understanding of mathematical content and practices. It is intended to provide a strong foundation for work with high school algebra concepts. It is a problem-based course containing a variety of strategies that promote number sense. Course work centers around reasoning, justification, and explanation of mathematical concepts and practices.  PREREQUISITE: NONE
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### ART (1315)

PREREQUISITE  <u>GRADE LEVEL</u>  9  10  11  12	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 20 <input checked="" type="checkbox"/>	The Art elective course provides students with the opportunity to experience and develop a basic understanding of art and crafts fundamentals. This course incorporates basic elements of color, line, shape, form, texture; including drawing, ceramics, weaving and fabric fundamentals.  PREREQUISITE: NONE
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### AUTO 1 (1141)

PREREQUISITE  <u>GRADE LEVEL</u>  9  10  11  12	<input type="checkbox"/> SEMESTER COURSE <input checked="" type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10 <input checked="" type="checkbox"/>	Auto 1 provides a complete introduction to Auto Mechanics: 1) theory of operation, and 2) the construction, maintenance, repair, and adjustment of automotive components. The course is designed to meet the needs of the vocational student as well as the automotive enthusiast. Students will explore their interest in all areas of automotive technology and learn safe working practices.  PREREQUISITE: NONE
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### AUTO 2 (1142)

PREREQUISITE  <u>GRADE LEVEL</u>  9  10  11  12	<input checked="" type="checkbox"/> SEMESTER COURSE <input checked="" type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input checked="" type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 30 <input checked="" type="checkbox"/>	Auto 2 is a one-year in-depth study of the automobile and includes study in repair and maintenance from engine rebuilding to tune up. The course is designed to develop interest and skills in automotive related fields. The Auto 2 student puts into practice the technical knowledge in Auto 1.  PREREQUISITE: C GRADE OR BETTER IN AUTO 1
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## TUSD – Electives

### AUTOMOTIVE TECHNOLOGY 1 (ROP) (1907)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/></p> <p>10                   <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/></p>	<p>YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>UC/CSU APPROVED           <input type="checkbox"/></p> <p>WEIGHTED GRADE            <input type="checkbox"/></p> <p>MAX CREDIT ALLOWED:    10</p>	<p>Students in Auto Tech 1 learn the basic skills needed to gain entry-level employment or pursue advanced training. Topics include tune-up, lubrication, brakes, suspension, and power train systems theory, diagnosis, and repair.</p> <p>PREREQUISITE: TRANSPORTATION TO WORKPLACE LEARNING SITE</p>
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### AUTOMOTIVE TECHNOLOGY 2 (ROP) (1908)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/></p> <p>10                   <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/></p>	<p>YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>UC/CSU APPROVED           <input type="checkbox"/></p> <p>WEIGHTED GRADE            <input type="checkbox"/></p> <p>MAX CREDIT ALLOWED:    10</p>	<p>Auto Tech 2 is a course for students with basic automotive knowledge and who want advanced automotive training.</p> <p>PREREQUISITE: TRANSPORTATION TO WORKPLACE LEARNING SITE</p>
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### CERAMICS STUDIO (1323)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input checked="" type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/></p>	<p>YEAR COURSE                    <input type="checkbox"/></p> <p>UC/CSU APPROVED           <input type="checkbox"/></p> <p>WEIGHTED GRADE            <input type="checkbox"/></p> <p>OFFERED AT FHS/THS        <input type="checkbox"/></p> <p>MAX CREDIT ALLOWED:    30</p>	<p>Ceramics Studio incorporates basic elements of art (e.g., color, line, value, shape, form, texture, and space) in studio problems. It explores expanded techniques in media such as throwing, hand building, and sculpture and the creation of ceramic projects that explore the individual expression of the student.</p> <p>PREREQUISITE: PORTFOLIO</p>
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### CHILD GROWTH AND DEVELOPMENT (1184)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input checked="" type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/></p> <p>10                   <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/></p>	<p>YEAR COURSE                    <input type="checkbox"/></p> <p>UC/CSU APPROVED           <input type="checkbox"/></p> <p>WEIGHTED GRADE            <input type="checkbox"/></p> <p>OFFERED AT FHS               <input type="checkbox"/></p> <p>MAX CREDIT ALLOWED:    5</p>	<p>The Child Growth and Development course emphasizes prenatal care and effective parenting as well as the normal social, emotional, physical, and intellectual growth and development of infants and children. Also explored are discipline and guidance, creative expression, and careers with children.</p> <p>PREREQUISITE: NONE</p>
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## TUSD – Electives

### COLOR GUARD (1338)

PREREQUISITE  <b>GRADE LEVEL</b>  9  10  11  12	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input checked="" type="checkbox"/> WEIGHTED GRADE  <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40  <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  40  PREREQUISITE: NONE	Color Guard satisfies up to four semesters of the P.E. graduation requirement. This course is designed to give the P.E./Dance/Drill/Flag time to plan and prepare school support for the total athletic program and must follow the strands of P.E. curriculum.
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### CULINARY ARTS 1B (1194)

PREREQUISITE  <b>GRADE LEVEL</b>  9  10  11  12	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 5  <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  5  PREREQUISITE: CULINARY ARTS 1A	Culinary Arts 1B emphasizes the skills used in food preparation. Kitchen activities include: demonstrations, experiments, and cooking a variety of cultural foods and desserts.
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### CULINARY ARTS 2A (1180)

PREREQUISITE  <b>GRADE LEVEL</b>  9  10  11  12	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 5  <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  5  PREREQUISITE: CULINARY ARTS 1A AND 1B	Culinary Arts 2A is a further study of consumer education, management and nutrition with emphasis on low-calorie cooking, low cost cooking, kitchen planning, electronic and/or microwave cooking, vegetarian meals, and holiday cooking. Thanksgiving dinner and more advanced cake decorating are a part of Culinary Arts 2A.
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### CULINARY ARTS 2B (1181)

PREREQUISITE  <b>GRADE LEVEL</b>  9  10  11  12	<input checked="" type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 5  <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  5  PREREQUISITE: CULINARY ARTS 2A	Culinary Arts 2B will emphasize planning and preparing entire meals from foreign countries and researching customs. Other areas of emphasis include: kitchen equipment, food demonstrations, and trade and table appointments.
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## TUSD – Electives

### PAINTING STUDIO (1321)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input checked="" type="checkbox"/> SEMESTER COURSE</p> <p><input type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input type="checkbox"/> WEIGHTED GRADE</p> <p><input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 30</p>	<p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>	<p>Painting Studio will incorporate basic elements of color, line, value, shape, form, texture, and space using expanded techniques. Students will study cubist techniques and produce an original cubist painting. Students will strive to produce a portfolio of quality work.</p> <p>PREREQUISITE: PORTFOLIO</p>
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### PHYSICAL SCIENCE (PHYSICAL SCIENCE) (1710)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input checked="" type="checkbox"/> SEMESTER COURSE</p> <p><input type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input type="checkbox"/> WEIGHTED GRADE</p> <p><input type="checkbox"/> OFFERED AT THS</p> <p><input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p><input type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p>	<p>Physical Science is a standards-based course designed to offer students the opportunity to explore physics and chemistry topics. Motion and forces, energy, sound and light, electricity and magnetism, space travel, work, power and machines will be studied. Chemistry topics include the properties and structure of matter; elements and compounds; chemical bonding; atomic structure; and solution, organic, and nuclear chemistry. Emphasis is on practical application and real-world relevance of the scientific concepts and not on higher mathematics or difficult problem solving.</p> <p>PREREQUISITE: C GRADE OR BETTER IN ALGEBRA 1 OR CONCURRENT ENROLLMENT</p>
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### WORD PROCESSING (1102)

<p>PREREQUISITE</p> <p><b>GRADE LEVEL</b></p> <p>9</p> <p>10</p> <p>11</p> <p>12</p>	<p><input type="checkbox"/> SEMESTER COURSE</p> <p><input type="checkbox"/> YEAR COURSE</p> <p><input type="checkbox"/> UC/CSU APPROVED</p> <p><input type="checkbox"/> WEIGHTED GRADE</p> <p><input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 5</p>	<p><input checked="" type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>	<p>Students in Word Processing will learn basic word processing techniques using Microsoft Word on the IBM computer. Instruction includes how to use a mouse; creating, editing, and developing keyboarding skills.</p> <p>PREREQUISITE: NONE</p>
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## Other TUSD Electives/Courses

### ENGLISH ELD A (1239)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>English ELD A focuses primarily on oral language acquisition with limited reading and writing skill development. Basic vocabulary is introduced with emphasis on school and social scenarios. The course is taught in a two-period block and prepares students for ELD Level B.</p> <p>PREREQUISITE: ENGLISH LANGUAGE PROFICIENCY AT THE EARLY INTERMEDIATE LEVEL ON THE CELDT</p>
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### ENGLISH ELD B (1240)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>English ELD B is taught in a two-period block. Students practice oral skills and learn to read and write at an intermediate level. From ELD B, students are recommended for English ELD Level C or grade appropriate English.</p> <p>PREREQUISITE: ENGLISH LANGUAGE PROFICIENCY AT THE EARLY INTERMEDIATE LEVEL ON THE CELDT</p>
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### FASHION DESIGN 2 (1191)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED AT FHS</p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 20</p>	<p>Fashion Design 2 provides additional fashion challenges in clothing construction specifically for the student who can demonstrate advanced sewing skills learned in Fashion Design 1A/1B. Students will choose projects based on ability and interest.</p> <p>PREREQUISITE: FASHION DESIGN 1A AND 1B</p>
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### GEOMETRY CC (1526)

<p>PREREQUISITE    <input checked="" type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE           <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>Geometry CC provides an alternative course of study in traditional high school geometry. It is designed to present most of the geometric concepts presented in a formal geometry course but in an investigative and application-oriented format. This course de-emphasizes the formal proof found in Geometry CP and replaces it with hands-on activities to reinforce the concepts of geometry. Algebraic concepts are reviewed. Completion of this course satisfies the minimum high school mathematics graduation requirement. Students who earn a grade of C or better may enroll in Geometry CP.</p> <p>PREREQUISITE: PASSING GRADE IN ALGEBRA 1A AND ALGEBRA 1B OR ALGEBRA 1</p>
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## Other TUSD Electives/Courses

### INDEPENDENT LIVING (1187)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input checked="" type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input type="checkbox"/> OFFERED AT FHS              <input type="checkbox"/></p> <p>                      <input checked="" type="checkbox"/> MAX CREDIT ALLOWED:    5</p> <p>                      <input checked="" type="checkbox"/></p>	<p>Independent Living helps students explore a variety of skills which benefit independent living. Consumer rights and responsibilities, interpersonal relationships, organizational skills, decision making, leadership, entrepreneurship, and employment are emphasized. Students prepare meals that are quick and healthy, design a personal living space, analyze their wardrobe, create a budget, and explore money management.</p> <p>PREREQUISITE: NONE</p>
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### INTERIOR DESIGN (1185)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input checked="" type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input type="checkbox"/> OFFERED AT FHS              <input type="checkbox"/></p> <p>                      <input checked="" type="checkbox"/> MAX CREDIT ALLOWED:    5</p> <p>                      <input checked="" type="checkbox"/></p>	<p>Interior Design includes a study of personal housing needs, the history of architecture, and the application of the elements and principles of design. Students design a personal living space as their final project.</p> <p>PREREQUISITE: NONE</p>
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### JOURNALISM 1 (1214)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED AT BHS/THS       <input type="checkbox"/></p> <p>                      <input checked="" type="checkbox"/> MAX CREDIT ALLOWED:    10</p> <p>                      <input checked="" type="checkbox"/></p>	<p>Journalism 1 provides an introductory study of the principles of news gathering and news writing. Students will learn the basics of fact gathering and documentation necessary to write a story. Students will learn interview and research methods as well as the principles of libel and ethics. Lab experience provides opportunity to develop skills in areas that include photography, headline writing, news writing, and newspaper layout.</p> <p>PREREQUISITE: NONE</p>
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### LIFE SCIENCE (LIFE SCIENCE) (1709)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><u>GRADE LEVEL</u></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED AT THS              <input type="checkbox"/></p> <p>                      <input checked="" type="checkbox"/> MAX CREDIT ALLOWED:    10</p> <p>                      <input checked="" type="checkbox"/></p>	<p>Life Science is designed to offer students the study of the basic principles and concepts of plant and animal life and their relationships. The human body's structures and functions are emphasized as well as the cell. The course includes laboratory and self-discovery experiences to develop skill in the use of the scientific method.</p> <p>PREREQUISITE: NONE</p>
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## Other TUSD Electives/Courses

### MARRIAGE AND FAMILY (1186)

PREREQUISITE  <b>GRADE LEVEL</b>  9  10  11  12	<input type="checkbox"/> SEMESTER COURSE <input type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE <input type="checkbox"/> OFFERED AT FHS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 5 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 5 5	Marriage & Family explores all aspects of life: a positive self-concept, personality development, health, communication skills, mate selection, marriage, divorce, money management, and parental responsibilities.          PREREQUISITE: NONE
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### WORK EXPERIENCE (1001)

PREREQUISITE  <b>GRADE LEVEL</b>  9  10  11  12	<input checked="" type="checkbox"/> SEMESTER COURSE <input checked="" type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 40 40	The Work Experience course is designed for supervision of student part-time paid employment and to assist students acquire desirable work habits and attitudes in real jobs. The part-time job need not be related to the student's occupational goals. Credits available: 5 or 10 credits per semester for a maximum of 40 credits toward graduation. Course requires employment of at least 8 hours a week for 5 credits; 16 hours a week for 10 credits. (Open to 10 <sup>th</sup> Grade students if 16 years old)          PREREQUISITE: GAINFUL EMPLOYMENT
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### YEARBOOK 1 (1218)

PREREQUISITE  <b>GRADE LEVEL</b>  9  10  11  12	<input type="checkbox"/> SEMESTER COURSE <input checked="" type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10 <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 10 10	Yearbook 1 is a practical course in the elements of photo-journalism, reviewing basic techniques of layout, copy fitting, copy writing, head-line and outline writing, and picture cropping. Selected members function as staff photographers. Each class member assumes responsibilities as an editor, assistant editor, or staff member for a section of the yearbook.          PREREQUISITE: NONE
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### YEARBOOK 2 (1219)

PREREQUISITE  <b>GRADE LEVEL</b>  9  10  11  12	<input checked="" type="checkbox"/> SEMESTER COURSE <input checked="" type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 30 <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 30 30	Yearbook 2 is for students who have taken Yearbook 1 and who may serve as editors for sections of the school annual. Emphasis is placed on objectivity and cooperation in working with others to produce the yearbook. Students will be responsible for planning and laying out pages, ordering photographs, preparing copy and headlines, and copy reading and proofreading.          PREREQUISITE: YEARBOOK 1
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# Physical Education

## AEROBICS FITNESS AND NUTRITION (1650)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><b>GRADE LEVEL</b></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED AT BHS</p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40</p>	<p>Aerobic Fitness and Nutrition is a course for students in need of a tenth grade physical education course not involved in athletics or marching band. The course is designed around the California Content Standards for high school and five health-related components of fitness: cardiovascular endurance, muscular strength and endurance, flexibility, and body composition. Nutrition will also be discussed to help promote a healthy lifestyle.</p> <p>PREREQUISITE: NONE</p>
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## ATHLETICS (1630)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input checked="" type="checkbox"/></p> <p><b>GRADE LEVEL</b></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED AT BHS</p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40</p>	<p>The P.E. Athletics Program is an organized program of athletic competition. Students enrolled in Athletics are required to competitively participate in the sport of choice. No student will be enrolled in Athletics without a verification of residency, past/current academic record, proof of insurance, a physical examination, and permission of the specific team coach.</p> <p><u>Note:</u> Maximum course credit for Physical Education and Athletics is a combined total of 40 units.</p> <p>PREREQUISITE: NONE</p>
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### Fall

Baseball/Conditioning	1629
Cross-Country Boys	1620
Cross-Country Girls	1621
Varsity Football	1606
Frosh/Soph Football	1608
Golf (Girls)	1622
Tennis Girls	1612
Volleyball Girls	1618
Water polo Boys	1624

### Winter

Basketball Girls	1603
Basketball Boys	1604
Soccer Boys	1609
Soccer Girls	1610
Water polo Girls	1649
Wrestling	1623

### Spring

Baseball	1628
Football/Conditioning	1605
Golf (Boys)	1622
Softball	1617
Swimming Girls	1616
Swimming Boys	1615
Tennis Boys	1611
Track Boys	1613
Track Girls	1614
Volleyball Boys	1619
Basketball Girls	1631
Basketball Boys	1632
Lacrosse Boys	1647
Lacrosse Girls	1648

## INDIVIDUAL ACTIVITIES AND RACQUET SPORTS (1653)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><b>GRADE LEVEL</b></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE            <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> OFFERED AT BHS</p> <p>                         <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40</p>	<p>Individual Activities and Racquet Sports is a course for students in need of a lifelong fitness course not involved in athletics or marching band. This course will provide students with an opportunity to explore and participate in a variety of individual activities and racquet sports. Units will include badminton, tennis, pickle-ball and a variety of fitness oriented activities. Students will also be expected to learn the history, strategy, and fundamental skills of each activity.</p> <p>PREREQUISITE: NONE</p>
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## Physical Education

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### P.E./PEP (1644)

PREREQUISITE	<input checked="" type="checkbox"/> SEMESTER COURSE <input checked="" type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	P.E./PEP coursework must follow the strands of P.E. curriculum and therefore student participation with the Pep Squad satisfies up to two years of the P.E. graduation requirement. The course is designed to give the Pep Squad time to plan and prepare school support for the total athletic program.
<u>GRADE LEVEL</u>  9  10  11  12	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40  <input checked="" type="checkbox"/>	40	PREREQUISITE: TRYOUT

### STRENGTH AND CONDITIONING (1652)

PREREQUISITE	<input type="checkbox"/> SEMESTER COURSE <input checked="" type="checkbox"/> YEAR COURSE <input type="checkbox"/> UC/CSU APPROVED <input type="checkbox"/> WEIGHTED GRADE <input checked="" type="checkbox"/> OFFERED AT BHS/THS <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Strength and Conditioning is a course for students in need of a lifelong fitness course not involved in athletics or marching band. The course is designed to develop a strength base to improve muscular endurance and cardiovascular fitness through the use of selected exercises and activities. There will be an emphasis on lifelong fitness through free weight and circuit weight training curriculum. Students will create and monitor a workout plan based on their own goals and objectives. During this course students will also learn basic principles of nutrition for healthy living, weight loss, and weight gain.
<u>GRADE LEVEL</u>  9  10  11  12	<input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 40  <input checked="" type="checkbox"/>	40	PREREQUISITE: NONE



## Non-Departmental

### AVID 9 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) (9300)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><b>GRADE LEVEL</b></p> <p>9                    <input checked="" type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input type="checkbox"/> WEIGHTED GRADE             <input type="checkbox"/></p> <p>12                   <input type="checkbox"/> MAX CREDIT ALLOWED: 30</p>	<p>AVID is a course for students who are college bound. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. To ensure success in college-prep course work, students work individually as well as in tutor-led collaborative groups. Note taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. The course also includes college motivational activities.</p> <p>PREREQUISITE: NONE</p>
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### AVID 10 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) (9304)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><b>GRADE LEVEL</b></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input type="checkbox"/> WEIGHTED GRADE             <input type="checkbox"/></p> <p>12                   <input type="checkbox"/> MAX CREDIT ALLOWED: 30</p>	<p>AVID is a course for students who are college bound. While concurrently enrolled in a college-prep course of study, students learn strategies to enhance success. To ensure success in college-prep course work, students work individually as well as in tutor-led collaborative groups. Note taking, outlining, writing, speaking, reading, test-taking strategies, and self-awareness are stressed. The course also includes college motivational activities.</p> <p>PREREQUISITE: NONE</p>
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### AVID JUNIOR SEMINAR (9302)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input type="checkbox"/></p> <p><b>GRADE LEVEL</b></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input checked="" type="checkbox"/></p> <p>10                   <input type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE             <input type="checkbox"/></p> <p>12                   <input type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>AVID Junior Seminar is designed as a two-year interdisciplinary course. This course is organized around the theme of "Leadership as a Catalyst for Change in Society." Students study, in depth, exceptional leaders in contemporary society and examine the effect these individuals have had on culture, politics, education, history, science, and the arts. In addition, each student is required to conduct a research project that is presented in the senior year. Note: To receive UC credit, students must have been enrolled in AVID Junior in 11<sup>th</sup> grade and AVID Senior seminar in the 12<sup>th</sup> grade.</p> <p>PREREQUISITE: NONE</p>
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### COUNSELING AIDE (1013)

<p>PREREQUISITE    <input type="checkbox"/> SEMESTER COURSE    <input checked="" type="checkbox"/></p> <p><b>GRADE LEVEL</b></p> <p>9                    <input type="checkbox"/> YEAR COURSE                    <input type="checkbox"/></p> <p>10                   <input checked="" type="checkbox"/> UC/CSU APPROVED           <input type="checkbox"/></p> <p>11                   <input checked="" type="checkbox"/> WEIGHTED GRADE             <input type="checkbox"/></p> <p>12                   <input checked="" type="checkbox"/> MAX CREDIT ALLOWED: 10</p>	<p>Counselor Aides experience the opportunity, under the supervision of the counselors, of assisting in the counseling center with tasks as: delivering messages to students and teachers, processing printed materials such as registration packets, answering phones, greeting visitors to the counseling center, assisting with new students and helping to prepare for counseling activities such as SEOPs, Career Days, College Day, etc. <b>PASS/FAIL GRADING ONLY.</b></p> <p>PREREQUISITE: NONE</p>
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## Non-Departmental

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### LIBRARY SERVICE 1A (1004)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input checked="" type="checkbox"/>
		YEAR COURSE	<input type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	5
12	<input checked="" type="checkbox"/>		

In Library Service 1A, students will receive instruction and experience in the various library operations. Students electing this course are assigned to the library one period a day and are expected to assume responsibility for the assigned tasks with a minimum of supervision.

PREREQUISITE: NONE

### LIBRARY SERVICE 1B (1005)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input checked="" type="checkbox"/>
		YEAR COURSE	<input type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>
9	<input checked="" type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	5
12	<input checked="" type="checkbox"/>		

In Library Service 1B, students will receive instruction and experience in the various library operations. Students electing this course are assigned to the library one period a day and are expected to assume responsibility for the assigned tasks with a minimum of supervision.

PREREQUISITE: NONE

### LIBRARY SERVICE 2A (1006)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input checked="" type="checkbox"/>
		YEAR COURSE	<input type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	5
12	<input checked="" type="checkbox"/>		

In Library Service 2A, students accept greater responsibility for library operations. Skills in checking of indexes, catalog card preparation, filing procedures, and general library control are perfected. Specific organization of files, displays, vertical files, and reference magazine order is expected.

PREREQUISITE: NONE

### LIBRARY SERVICE 2B (1007)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	<input checked="" type="checkbox"/>
		YEAR COURSE	<input type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>		
11	<input checked="" type="checkbox"/>	MAX CREDIT ALLOWED:	5
12	<input checked="" type="checkbox"/>		

In Library Service 2B, students accept greater responsibility for library operations. Skills in checking of indexes, catalog card preparation, filing procedures, and general library control are perfected. Specific organization of files, displays, vertical files, and reference magazine order is expected.

PREREQUISITE: NONE

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## Non-Departmental

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### LIBRARY MEDIA SKILLS (1011)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	■
		YEAR COURSE	<input type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	■		
11	■	MAX CREDIT ALLOWED:	10
12	■		

In Library Media Skills, students will have the opportunity to work in the library to assist with the operation and maintenance of the media center, dealing with students/teachers and materials in an academic setting. Technology is prominent, so students will develop computer skills. Successful completion of the course will prepare students to access materials in other libraries and to apply for entry-level employment in a public library. **PASS/FAIL GRADING ONLY.**

PREREQUISITE: NONE

### OFFICE EXPERIENCE (1010)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	■
		YEAR COURSE	<input type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	■		
11	■	MAX CREDIT ALLOWED:	10
12	■		

Students enrolled in Office Experience are assigned to assist the front office with activities such as: organizing, sorting, alphabetizing, making copies, delivering call slips, answering phones, and other duties as assigned. Students are limited to four semesters of credit. **PASS/FAIL GRADING ONLY.**

PREREQUISITE: NONE

### PEER TUTOR (1012)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	■
		YEAR COURSE	<input type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	■		
11	■	MAX CREDIT ALLOWED:	10
12	■		

Peer Tutor will provide an opportunity for students to develop as student leaders. Peer Tutors are not merely Teacher Aides or students available to help students with individual problems. Peer Tutors are teaching partners with the instructor and are given a great deal of responsibility to collaborate with the teacher on lesson presentations, and teaching strategies. **PASS/FAIL GRADING ONLY.**

PREREQUISITE: NONE

### TEACHER AIDE P/F (1008)

PREREQUISITE	<input type="checkbox"/>	SEMESTER COURSE	■
		YEAR COURSE	<input type="checkbox"/>
<u>GRADE LEVEL</u>		UC/CSU APPROVED	<input type="checkbox"/>
9	<input type="checkbox"/>	WEIGHTED GRADE	<input type="checkbox"/>
10	<input type="checkbox"/>		
11	■	MAX CREDIT ALLOWED:	10
12	■		

Students enrolled in Teacher Aide P/F are assigned as teacher assistants in the classroom. The student assists in preparation of classroom materials. Students are limited to two semesters of credit. It is recommended that students have completed the class in which they will be assisting. **PASS/FAIL GRADING ONLY.**

PREREQUISITE: NONE

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## English Language Learner

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### ELD A (1037)

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>	ELD A focuses primarily on oral language acquisition with limited reading and writing skill development. Basic vocabulary is introduced with emphasis on school and social scenarios. The course is taught in a two-period block and prepares students for ELD Level B.
<u>GRADE LEVEL</u>		YEAR COURSE	■	
9	■	UC/CSU APPROVED	<input type="checkbox"/>	
10	■	WEIGHTED GRADE	<input type="checkbox"/>	
11	■	MAX CREDIT ALLOWED:	10	
12	■			
				PREREQUISITE: ENGLISH LANGUAGE PROFICIENCY AT THE BEGINNING LEVEL ON THE CELDT

### ELD B (1038)

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>	ELD B is taught in a two-period block. Students practice oral skills and learn to read and write at an intermediate level. From ELD B, students are recommended for English ELD Level C or grade appropriate English.
<u>GRADE LEVEL</u>		YEAR COURSE	■	
9	■	UC/CSU APPROVED	<input type="checkbox"/>	
10	■	WEIGHTED GRADE	<input type="checkbox"/>	
11	■	MAX CREDIT ALLOWED:	10	
12	■			
				PREREQUISITE: ENGLISH LANGUAGE PROFICIENCY AT THE EARLY INTERMEDIATE LEVEL ON THE CELDT

### ENGLISH ELD A (1239)

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>	English ELD A focuses primarily on oral language acquisition with limited reading and writing skill development. Basic vocabulary is introduced with emphasis on school and social scenarios. The course is taught in a two-period block and prepares students for ELD Level B.
<u>GRADE LEVEL</u>		YEAR COURSE	■	
9	■	UC/CSU APPROVED	<input type="checkbox"/>	
10	■	WEIGHTED GRADE	<input type="checkbox"/>	
11	■	MAX CREDIT ALLOWED:	10	
12	■			
				PREREQUISITE: ENGLISH LANGUAGE PROFICIENCY AT THE EARLY INTERMEDIATE LEVEL ON THE CELDT

### ENGLISH ELD B (1240)

PREREQUISITE	■	SEMESTER COURSE	<input type="checkbox"/>	English ELD B is taught in a two-period block. Students practice oral skills and learn to read and write at an intermediate level. From ELD B, students are recommended for English ELD Level C or grade appropriate English.
<u>GRADE LEVEL</u>		YEAR COURSE	■	
9	■	UC/CSU APPROVED	<input type="checkbox"/>	
10	■	WEIGHTED GRADE	<input type="checkbox"/>	
11	■	MAX CREDIT ALLOWED:	10	
12	■			
				PREREQUISITE: ENGLISH LANGUAGE PROFICIENCY AT THE EARLY INTERMEDIATE LEVEL ON THE CELDT

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## **Regional Occupational Program (ROP)**

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The Coastline Regional Occupational Program (ROP) provides practical, hands-on career preparation, career guidance, and job placement assistance to high school students (and adults). Students who are at least 16 years of age or in their junior or senior year of high school may enroll in courses.

Whether a student plans to go on to a university, college, or directly into the workforce, effective job skills and experience are an asset. ROP courses may give students an edge in obtaining entrance into a variety of occupational settings and/or related college/university majors. Examples of the value of the ROP experience for a university/college-bound student may be evidenced in a variety of ways, i.e., letters of recommendation from professionals in the field, employability in a career-related area during the university/college years, experience to make appropriate career decisions, etc. Please see your ROP Career Specialist in the Career Center for additional information and a current list of courses offered. \*UC/CSU approved ROP courses.

### **ARTS & COMMUNICATION**

ROP Courses  
3-D Media Design  
\*Computer Graphics  
Digital Imaging  
Flora Design Internship  
Floral Design - Advanced  
Interior Design  
\*Multimedia Communications Design  
Multimedia on the Mac  
\*Music Technology  
Theater Technology  
Video Game Design  
Video/Television Production  
Video/Television Production (Advanced)  
\*Visual Imagery (Advanced Photography)  
Web Site Development  
Digital Video Production

### **BUSINESS AND MARKETING**

ROP Courses  
Banking/Financial Services Internship  
Business Internship  
Business Technology  
(Cooperative)  
Computerized Accounting  
Computer Basics  
Computer Programming  
E-Marketing  
Entrepreneurship  
Internet  
Marketing Principles  
Microsoft Tools  
Office Technology  
Retail Sales & Merchandising Internship  
Retail Sales & Merchandising - Co-op  
\*Virtual Enterprise

### **PUBLIC SERVICES**

ROP Courses  
Administration of Justice  
Baking & Pastry Fundamentals  
Careers in Education  
(Docent Program)  
Careers in Education  
(Internship)  
Careers with Children  
Careers with Children-  
(Cooperative)  
Cosmetology  
Crime Scene Investigation  
Culinary Arts  
(Internship)  
Diversified Service Careers  
Esthetician  
Fire Technology  
Food Service  
(Cooperative)  
Hotel and Tourism  
Manicuring  
Service Careers  
(Cooperative)

### **HEALTH SCIENCES**

ROP Courses  
Animal Health Care  
Dental Assistant/Radiology  
Dental Assistant/Front Office  
Emergency Medical Technician (EMT)  
First Responder  
Introduction to Medical Careers  
Medical Office Mgmt. & Billing  
Medical Assistant – Front Office  
Medical Assistant – Back Office  
Medical/Nursing Careers  
Medical Terminology  
Nurse Assistant/Pre-Medical Assistant  
Front Office Certification  
(CNA RDA Preparation)  
(Cooperative)  
Sports Medicine

### **SCIENCE & TECHNOLOGY**

ROP Courses  
Automotive Technology  
Automotive Technology  
(Internship)  
Computer Aided Drafting  
Computer Programming Internetworking

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## International Baccalaureate Program

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The International Baccalaureate Diploma Program is a rigorous pre-university course of study that meets the needs of highly motivated high school students. The program's core components complement a traditional liberal arts curriculum. Subjects are studied concurrently and students are exposed to the two great traditions of learning—the humanities and the sciences. Designed as a comprehensive two-year curriculum, the diploma model is based on the pattern of no single country but incorporates the best elements of several.

In addition to the course listed below, IB Diploma Candidates must complete a 4000-word research paper (Extended Essay) and 150 hours of performance, activity, and service (CAS). These requirements reflect the IB emphasis on the development of the student as a whole person.

### Sample Course Sequence for IB Diploma Candidate:

<p><b><u>Grade 9</u></b>            English 1 H            World Language Level 1 or 2            World History H            Biology H            Algebra 2/Trig or H or Geometry H            Visual &amp; Performing Arts (Optional)            P.E. or Athletics</p>	<p><b><u>Grade 10</u></b>            English 2 H            World Language Level 2 or 3            European History AP            Chemistry H            Pre-Calculus or H or Algebra 2/Trig or H            Visual &amp; Performing Arts                (if not satisfied in 9<sup>th</sup> grade)            P.E. or Athletics</p>
<p><b><u>Grade 11</u></b>            English HL 1            Foreign Language Level 3 or 4            (Student has option to take the IB SL Foreign Language test on Level 4)            U.S. History AP            Biology AP            Calculus AB or BC / Pre-Calculus/Honors Theory or Knowledge IB (evening class two days a week during second semester)            IB Elective: Advanced Theater Arts SL 1, Visual Arts SL, Psychology AP/SL</p>	<p><b><u>Grade 12</u></b>            English HL 2            Foreign Language Level 4 or 5            (Student may take Level 5 even if IB test is taken in grade 11)            History of the Americas HL 2            Biology HL 2            Math SL            Theory of Knowledge IB (evening class two days a week during first semester)            IB Elective: Theater Arts SL (year 2), Visual Arts SL / HL 2, Psychology AP/SL (if not satisfied in grade 11)</p>

### **NOTES:**

Prior to graduation, all students must complete 5 units of an Applied Arts course (Class of 2015 only).

It is preferable to leave the summers prior to grades 11 and 12 open for travel, Extended Essay research and CAS requirements. The 0 period in grades 9-12 allows students a 7-period day.

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## Model United Nations Program

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The Model United Nations Program is a rigorous four-year course of study that encompasses Global Issues, Model UN II, Model UN III, and Model UN IV courses. Model United Nations is a program that combines the aforementioned subject matter with an authentic simulation of United Nations Committees. During these simulations students are catapulted into the world of diplomacy and negotiations. They prepare draft resolutions, plot strategy, negotiate with supporters and adversaries, resolve conflicts and navigate the U.N.'s rules of procedure – all in the interest of mobilizing “international cooperation” to resolve problems that affect almost every country on earth.

Lessons in Model UN courses will be designed to promote an understanding of modern world problems through the use of a Model United Nations format. Knowledge will be reinforced through research, debates, critical thinking, speech, and actual Model United Nations competition.

In addition to the courses listed below, MUN students must attend a minimum of four conferences each year. These conferences are usually held on Saturdays and Sundays. Placement in the program is by teacher recommendation.

### **Suggested Sample Course Sequence for 4-year MUN students:**

<p><b><u>Grade 9*</u></b>            Model UN I            English            Math            Science            World Language            P.E. or Athletics            Additional Elective (if desired)</p>	<p><b><u>Grade 10*</u></b>            Model UN II            World History AP or CP            English            Math            Science            World Language            P.E. or Athletics</p>
<p><b><u>Grade 11*</u></b>            Model UN III            U.S. History AP or CP            English AP or CP            Math            Science            World Language            Visual &amp; Performing Arts</p>	<p><b><u>Grade 12*</u></b>            Model UN IV            American Government &amp; Politics /                Economics AP or CP            English AP or CP            Math            Science            Additional Elective (if desired)</p>

\*An honors track program is recommended but not required for Model United Nations. MUN is open to all students.

### **NOTES:**

Summer Project for entering freshman: Current Event Notebook.

Prior to graduation, all students must meet the District's graduation requirements.

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## **Special Program**

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### **RESOURCE SPECIALIST PROGRAM**

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The Resource Specialist Program is available for students with identified learning needs who require specialized instruction for 50% or less of the school day. Students are assisted in any academic areas which need remediation as well as study skills and tutorial assistance as determined by a current Individualized Educational Program (IEP).

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### **SPECIAL DAY CLASS PROGRAM**

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Special Day Classes are provided for non-severely handicapped and severely handicapped students.

The Special Day Classes for the non-severely handicapped provide for students identified with communicative and learning difficulties who require 50% or more of their school day in special classes. Students are instructed in basic skills, communication, and/or academic subjects with emphasis on individualized instruction. When it is determined to be in their best interest, students are mainstreamed into regular classes.

The Special Day Classes for the severely handicapped provide for students identified with severe cognitive and emotional difficulties who need a smaller, structured environment for learning. Students are instructed in basic skills and/or academic subjects with emphasis on individualized instruction. When it is determined to be in their best interest, students are mainstreamed into regular classes.

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