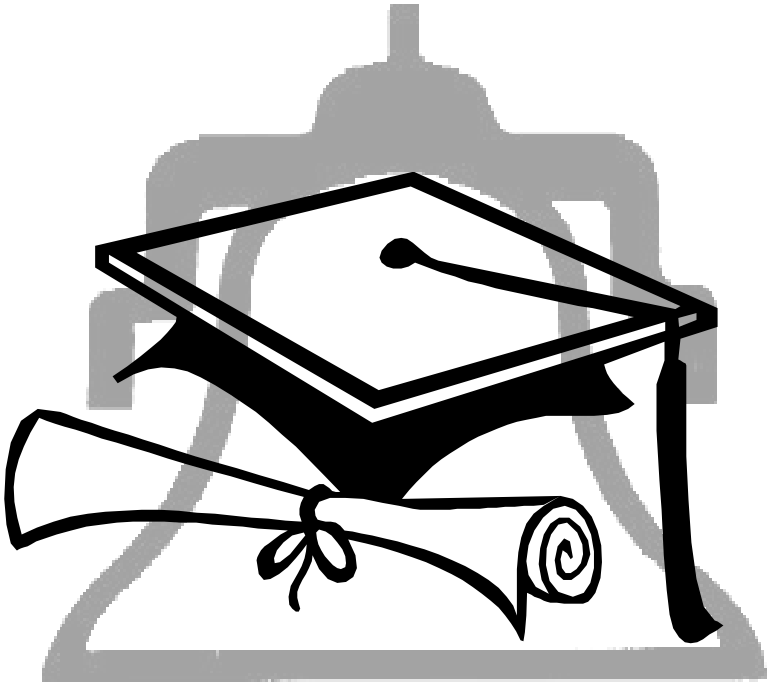
Tustin Unified School District



2018-19 High School Course Catalog

Table of Contents

District Mission Statement 2
Tustin Unified School District High Schools 2
A Special Message for Students and Parents 3
Counseling Program and Services 4
General Information 5
High School Graduation Requirements-Beginning with Class of 2017 6
Explanation of Terms and Symbols 7
Course of Study:
a. History/Social Science 8
b. English 13
c. Mathematics 17
d. Laboratory Science 21
e. Languages Other than English 26
f. Visual and Performing Arts (VPA) 32
g. College-Preparatory Electives 42
TUSD Electives 47
Physical Education 57
Regional Occupational Program (ROP) 60
International Baccalaureate Program 61
Model United Nations Program 62
Special Programs 63
Index 64

District Mission Statement

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.

Tustin Unified School District High Schools

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

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

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

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

Tustin Connect-HS & Adult Education
1151 San Juan St.
Tustin, CA 92780
Phone: (714) 730-7395
Fax: (714) 730-4895

A Special Message for Students and Parents

Courses in this catalog represent all possible offerings in the Tustin Unified School District. The courses are organized by subject area. Classes that meet UC/CSU a-g requirement are noted in the left hand column. 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.

Counseling Program and Services

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 (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 parents can expect the following services:

- development of a 4-year academic plan
- pre-enrollment orientation to include the scheduling process and graduation requirements
- registration, scheduling, program adjustments as needed
- interest inventory assessment
- parent conferencing, parent-teacher conference arrangements
- counseling assistance and referral information for special needs
- graduation status reports
- provide college and career readiness resources

General Information

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 4-year academic 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.*

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.

Course Enrollment Requirements: 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 five 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.

Course Placement Recommendations: Course placement recommendations are based on an evaluation of prior 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.

High School Graduation Requirements

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
English	40	Four years of English or Honors/AP English
Mathematics	20	Minimum Geometry requirement
Science	30	Three years of Science, including one year Life Science and one year Physical Science
Social Science	30	One year World History 10 credits One year U.S. History 10 credits One semester American Government 5 credits One semester Economics 5 credits
Languages other than English and/or Visual Performing Arts and/or Applied Arts	20	Minimum of ten credits in World Languages or Visual/Performing Arts
Physical Education	20	
Electives	70	Will include various classes based on students' interests
TOTAL	**230**	

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 (IEP) will specify the student would receive certificate of completion in lieu of a diploma allowing the IEP team to modify the course of study to meet District requirement.

Explanation of Terms and Symbols

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 weighted on a scale A = 5, B = 4, C = 3, D = 1, 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 weighted on a scale A = 5, B = 4, C = 3, D = 1, F = 0.

H The 5-point weighted grade designation is reserved for all honors courses. A weighted grade is computed on a scale A = 5, B = 4, C = 3, D = 1, F = 0. Universities will determine which courses qualify for honors credit.

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 ELPAC test.

a. History/Social Science

AMERICAN GOVERNMENT (1800)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

AMERICAN GOVERNMENT AND POLITICS AP (1820)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	5

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.

CULTURAL GEOGRAPHY MUN I HONORS (1832)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

ECONOMICS (1803)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

a. History/Social Science

ECONOMICS AP (1823)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	5

Micro 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 Micro Economics.

EUROPEAN HISTORY AP (1805)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: Completion of World History H, B Grade or Better in World History H

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

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

AP HUMAN GEOGRAPHY (1840)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

a. History/Social Science

PSYCHOLOGY (1806)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

PSYCHOLOGY AP (1841)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

SOCIOLOGY (1808)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	5

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.

THEORY OF KNOWLEDGE IB (9312)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		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.

a. History/Social Science

U.S. HISTORY (1826)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		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.

U.S. HISTORY AP (1811)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

WORLD HISTORY (1824)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

WORLD HISTORY AP (1827)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

a. History/Social Science

WORLD HISTORY HONORS (1828)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

b. English

ENGLISH 1 (1200)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ENGLISH 1 H (1202)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Grade 8 English

ENGLISH 2 (1203)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ENGLISH 2 H (1205)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in English 1 H or A Grade in English 1

b. English

ENGLISH 3 (1207)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ENGLISH 3 H (1208)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in English 2 H or A Grade in English 2

ENGLISH 4 (1211)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ENGLISH 4 EXPOSITORY READING AND WRITING (1213)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

b. English

ENGLISH ELD A (1239)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: English Language Proficiency at the Early Intermediate Level on the ELPAC

ENGLISH ELD B (1240)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: English Language Proficiency at the Early Intermediate Level on the ELPAC

ENGLISH ELD C (1241)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ENGLISH IB HIGHER LEVEL 1 (9306)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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 purse a wide variety of literature.

Course Placement Recommendation: B Grade or Better in English 2 H

b. English

ENGLISH IB HIGHER LEVEL 2 (9307)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in English IB HL1

ENGLISH LANGUAGE AND COMPOSITION AP (1243)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Previous English Course

ENGLISH LITERATURE AND COMPOSITION AP (1244)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Previous English Course

c. Mathematics

ALGEBRA ENRICHMENT (1544)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	☐	UC/CSU APPROVED	☐
12	☐	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ALGEBRA 1 (1504)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ALGEBRA 1 H (1504H)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

ALGEBRA 2 (1508)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Geometry

c. Mathematics

ALGEBRA 2/TRIGONOMETRY (1550)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	■	YEAR COURSE	■
		UC/CSU APPROVED	■
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	10

Algebra 2 Trigonometry 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.

Course Placement Recommendation: C Grade or Better in Geometry

ALGEBRA 2/TRIGONOMETRY HONORS (1550H)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	■	YEAR COURSE	■
		UC/CSU APPROVED	■
10	■	WEIGHTED GRADE	■
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: A Grade in Geometry

APPLIED CALCULUS (1534)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	☐	YEAR COURSE	■
		UC/CSU APPROVED	■
10	☐	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	10

Applied Calculus is a 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.

Course Placement Recommendation: C Grade or Better in Pre-Calculus

CALCULUS AB AP (1530)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	☐	YEAR COURSE	■
		UC/CSU APPROVED	■
10	■	WEIGHTED GRADE	■
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Pre-Calculus or C Grade or Better in Pre-Calculus H

c. Mathematics

CALCULUS BC AP (1531)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Pre-Calculus H

FINITE MATHEMATICS (9025)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

GEOMETRY (1506)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Algebra 1

GEOMETRY H (1507)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: A Grade in Algebra 1

c. Mathematics

MATHEMATICS SL IB (9322)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

PRE-CALCULUS (1533)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Algebra 2/Trigonometry

PRE-CALCULUS H (1529)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Algebra 2/Trigonometry H

STATISTICS AP (1536)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

Advanced Placement Statistics is a college level mathematics course for students who wish to complete a rigorous course equivalent to a one semester, introductory, non-calculus based college course in statistics. The purpose of the course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to the 4 broad themes of the AP curriculum: Exploring Data; Planning a Study; Anticipating Patterns; and Statistical Inference. The goals of this course are to develop the ability to communicate statistical knowledge, both verbally and in writing; strengthen each student's confidence in his or her own statistical abilities; increase students' awareness of the importance of statistics in the world today; Prepares each student for success on the AP exam.

Course Placement Recommendation: C Grade or Better in Pre-Calculus or Algebra 2/Trigonometry

d. Laboratory Science

BIOLOGY AP (LIFE SCIENCE) (1726)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

BIOLOGY H (LIFE SCIENCE) (1721)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

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

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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, University versus Diversity, Equilibrium within Systems, and Evolutions. The course may be taken as an elective by non-IB candidates as space allows.

Course Placement Recommendation: B Grade or Better in Biology AP

BIOLOGY: THE LIVING EARTH (1764)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

d. Laboratory Science

CHEMISTRY AP (PHYSICAL SCIENCE) (1703)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	☐	YEAR COURSE	■
		UC/CSU APPROVED	■
10	☐	WEIGHTED GRADE	■
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Chemistry

CHEMISTRY H (PHYSICAL SCIENCE) (1732)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	☐	YEAR COURSE	■
		UC/CSU APPROVED	■
10	■	WEIGHTED GRADE	■
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Biology

CHEMISTRY IN THE EARTH SYSTEM (1765)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	☐	YEAR COURSE	■
		UC/CSU APPROVED	■
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

CONCEPTUAL BIOLOGY (1750)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	■	YEAR COURSE	■
		UC/CSU APPROVED	■
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

d. Laboratory Science

CONCEPTUAL CHEMISTRY (1751)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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 thermodynamics and stoichiometry.

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

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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”.

Course Placement Recommendation: C Grade or Better in Biology and Chemistry

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

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: Successful Completion of Two Other Years of Science

HUMAN ANATOMY & PHYSIOLOGY (OTHER/LIFE SCIENCE) (1708D)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

d. Laboratory Science

HUMAN BODY SYSTEMS PLTW (1123)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: Concurrent Enrollment in Biology or Completion of Biology with B

MARINE ECOLOGY (1742)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

Marine Ecology is a biology-based course that allows students to explore the physical, chemical, and geological characteristics that have evolved the diverse world of marine life. Students will gain an understanding of the ocean's ecosystems and the organisms living within them and they will investigate the unique structures and functions that have in our ocean's diverse environments. In this laboratory-based course, students will conduct experiments and dissections as well as perform research activities that will facilitate higher level thinking to prepare students for college level course work.

OCEANOGRAPHY (PHYSICAL/LIFE SCIENCE) (1723)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

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

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Biology and Chemistry

d. Laboratory Science

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

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Physics 1 AP

PHYSICS IN THE UNIVERSE (1766)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

PRINCIPLES OF BIOMEDICAL SCIENCES PLTW (1122)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

e. Languages other than English

CHINESE 1 (1427)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

CHINESE 2 (1428)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Chinese Level 1

CHINESE 3 (1431)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Chinese Level 2

CHINESE 4 H (1432)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

In Chinese 4 Honors, students will continue to develop their language skills. They will be required to perform at a higher level of proficiency in all skill areas: listening, comprehension, speaking, reading, and writing. Practice of spoken and written Chinese in communicative activities will be conducted. Students will use more sophisticated vocabulary and speech patterns to continue expanding their awareness of Chinese culture. This course is conducted mostly in Chinese.

Course Placement Recommendation: B Grade or Better in Chinese Level 3

e. Languages other than English

CHINESE LANGUAGE AP (1433)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or better in Chinese Level 4

FRENCH 1 (1400)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

In French 1, students will master a vocabulary that will allow them to comprehend spoken French. They 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 French-speaking countries.

FRENCH 2 (1401)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

French 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 French-speaking countries.

Course Placement Recommendation: C Grade or Better in French Level 1

FRENCH 3 (1402)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

In French 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. They will develop writing skills allowing them to express their own ideas in French.

Course Placement Recommendation: C Grade or Better in French Level 2

e. Languages other than English

FRENCH 4 H (1436)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

French 4 Honors students will continue to develop their language skills. They 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 and use French whenever possible in daily discussions and conversations. Students will use more sophisticated vocabulary and speech patterns and continue to expand their awareness of French culture.

Course Placement Recommendation: B Grade or Better in French Level 3

FRENCH LANGUAGE AP (1406)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in French Level 4 H

LATIN 1 (1421)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

LATIN 2 (1422)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Latin Level 1

e. Languages other than English

LATIN 3 (1423)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Latin Level 2

LATIN 4 H (1442)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Latin Level 3

SPANISH 1 (1414)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

Students in Spanish 1 will have acquired a basic vocabulary of approximately 1,000 words. Most will be able to interact comfortably in situations which require the use of basic information. They 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, they will be able to discuss other subjects recognizing similar/distinct attitudes between their own culture and the culture of the Hispanic world.

SPANISH 2 (1415)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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 tenses 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.

e. Languages other than English

SPANISH 3 (1416)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

In Spanish 3, students will continue to grow in language proficiency, fluency, and cultural understanding. They 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. They will develop writing skills allowing them to express their own ideas in Spanish.

Course Placement Recommendation: C Grade or Better in Spanish Level 2

SPANISH 4 H (1440)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

Spanish 4 Honors students will continue to develop their language skills. They 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 and use Spanish whenever possible in daily discussions and conversations. Students will use more sophisticated vocabulary and speech patterns. They will continue to expand their awareness of Hispanic culture.

Course Placement Recommendation: B Grade or Better in Spanish Level 3

SPANISH LANGUAGE AP (1420)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: B Grade or Better in Spanish Level 4 H or SNS

SPANISH FOR NATIVE SPEAKERS 1 (1435)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

e. Languages other than English

SPANISH FOR NATIVE SPEAKERS 2 (1443)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	■	YEAR COURSE	■
		UC/CSU APPROVED	■
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Spanish NS Level 1

SPANISH FOR NATIVE SPEAKERS 3 (1444)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	☐	YEAR COURSE	■
		UC/CSU APPROVED	■
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: C Grade or Better in Spanish NS Level 2

f. Visual and Performing Arts (VPA)

ADVANCED DRAWING AND PAINTING (1302)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ART HISTORY AP (1353)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

BAND ADVANCED (1336)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

BASS CHOIR (1340)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

f. Visual and Performing Arts (VPA)

CERAMICS (1362)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

CHAMBER ORCHESTRA (1363)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

CONCERT CHOIR (1339)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

CONCERT ORCHESTRA (1350)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

f. Visual and Performing Arts (VPA)

DANCE EXPLORATION (1331)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

DIGITAL FILMMAKING (1371)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

From idea to script to final film, students will learn the fundamentals of motion picture production while collaborating with peers on short form digital video projects. The class will take a hands on approach and introduce the students to the creative side of filmmaking (script and film analysis, working with actors, visualization, storyboarding techniques) the basic technical aspects of the filming process (camera, lights, editing) and the importance of editing and sound in the final product.

Through exploration in class exercises, workshops of their own projects and projects of others, analysis of studio produced films, and completion of progressively more difficult projects according to deadlines, students will begin to understand how the many layers of cinematic storytelling—technical, aesthetic, and emotional work together to reach and essentially move an audience.

DIGITAL VIDEO PRODUCTION (1165)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

DRAMA (1329)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

f. Visual and Performing Arts (VPA)

DRAMA WORKSHOP (1326)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

DRAMATIC PRODUCTION (1370)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

Dramatic Production 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 for and career opportunities in the Arts, Media, and Entertainment industry will be researched, discussed, and explored.

DRAWING AND PAINTING (1301)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

f. Visual and Performing Arts (VPA)

EXPLORATION OF ART (1361)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

FILM ANALYSIS (1351)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

GRAPHIC DESIGN 1 (1155)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

GRAPHIC DESIGN 2 (1156)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

f. Visual and Performing Arts (VPA)

GRAPHIC DESIGN 3 (1157)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

GUITAR (1365)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

INDEPENDENT FILM PROJECTS (1372)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

Independent Film Projects is a one-year, advanced-level, 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, including 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/cultural trends in world, cinematic history are covered through lecture/discussion and student-researched, oral/visual presentations. 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.

Course Placement Recommendation: Successful Completion of Digital Filmmaking

JAZZ ENSEMBLE (1349)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

f. Visual and Performing Arts (VPA)

MADRIGALS (1342)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

Course Placement Recommendation: Audition

MEDIA ARTS AND TECHNOLOGY (1359)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

MEDIA ARTS AND TECHNOLOGY–ADVANCED (1356)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

Media Arts and Technology-Advanced offers the second year Media Arts & 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.

Course Placement Recommendation: C Grade or Better in Media Arts & Technology

MIXED CHORUS (1341)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

f. Visual and Performing Arts (VPA)

PHOTOGRAPHY & DESIGN (1158)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

STAGE BAND (1337)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

STAGECRAFT (1327)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	20

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.

STUDIO ART AP (1358)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

f. Visual and Performing Arts (VPA)

SYMPHONIC BAND (1347)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

SYMPHONIC ORCHESTRA (1364)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

THEATRE ARTS ADVANCED (1328)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

Course Placement Recommendation: Audition

TREBLE CHOIR ADVANCED (1346)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

f. Visual and Performing Arts (VPA)

VISUAL ARTS STANDARD LEVEL IB (9320)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

VISUAL IMAGERY (1360)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: Successful Completion of Photography or Photography & Design

WIND ENSEMBLE (1348)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

Wind 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 Wind 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.

g. College-Preparatory Electives

AP COMPUTER SCIENCE PRINCIPLES (1115P)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

AVID SENIOR SEMINAR (9301)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

COMPUTER INTEGRATED MANUFACTURING PLTW (1133)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

AP COMPUTER SCIENCE A (1115)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

AP Computer Science A 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.

g. College-Preparatory Electives

COMPUTER SCIENCE AND SOFTWARE ENGINEERING PLTW (1132)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

ENGINEERING DESIGN AND DEVELOPMENT PLTW (1131)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

COMPUTER SCIENCE CURRICULUM PLTW (1135)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

PLTW Computer Science A empowers students to become creators, instead of merely consumers, of the technology all around them. The program engages students in collaborative projects that help them develop in-demand computer science knowledge as well as transportable skills like creative thinking and communication. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. Students are able to see how their learning connects to the real world.

FASHION DESIGN 1 (1195)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

g. College-Preparatory Electives

INTRODUCTION TO ENGINEERING DESIGN PLTW (1120)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation:

JOURNALISM 1 (1226)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

JOURNALISM 2 (1215)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: Successful Completion of Journalism 1

JOURNALISM 3 (1216)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

Journalism 3 augments techniques learned in Journalism 1 & 2 through the experience of writing for the school newspaper. Students will play varied roles on the newspaper staff as reporters and editors.

Course Placement Recommendation: Successful Completion of Journalism 2

g. College-Preparatory Electives

JOURNALISM 4 (1217)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

Students of Journalism 4 augment techniques learned in Journalism 1, 2 & 3 through the experience of writing for the school newspaper. Students will play varied roles on the newspaper staff as reporters and editors.

Course Placement Recommendation: Successful Completion of Journalism 3

GLOBAL ISSUES MODEL UN II HONORS (1834)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

UNITED STATES FOREIGN POLICY MODEL UN III HONORS (1835)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	☐	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

COMPARATIVE GOVERNMENT AND POLITICS MODEL UN IV HONORS (1833)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	■
		MAX CREDIT ALLOWED:	10

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.

g. College-Preparatory Electives

PRINCIPLES OF ENGINEERING PLTW (1121)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding or 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.

ROBOTICS (1125)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

TUSD – Electives

ART (1315)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	20

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.

AVID 9 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) (9300)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	☐	UC/CSU APPROVED	☐
12	☐	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	

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.

AVID 10 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) (9304)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	☐	UC/CSU APPROVED	☐
12	☐	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

AVID JUNIOR SEMINAR (9302)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	☐	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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 11th grade and AVID Senior seminar in the 12th grade.

TUSD – Electives

CERAMICS STUDIO (1323)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	30

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.

CHILD GROWTH AND DEVELOPMENT (1184)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

COLOR GUARD (1338)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

COUNSELING AIDE (1013)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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. **PASS/FAIL GRADING ONLY**.

CULINARY ARTS 1A (1193)

PREREQUISITE	☐	SEMESTER COURSE	■	Culinary Arts 1A introduces the student to healthful eating habits and food preparation techniques. Kitchen activities include preparing, cooking, and evaluating a variety of recipes.
		YEAR COURSE	☐	
GRADE LEVEL		UC/CSU APPROVED	☐	
9	■	WEIGHTED GRADE	☐	
10	■			
11	■			
12	■	MAX CREDIT ALLOWED:	5	
GRADUATION SUBJECT AREA: X				PREREQUISITE: NONE

CULINARY ARTS 1B (1194)

GRADE LEVEL		SEMESTER COURSE	■	Culinary Arts 1B emphasizes the skills used in food preparation. Kitchen activities include: demonstrations, experiments, and cooking a variety of cultural foods and desserts.
9	■	YEAR COURSE	☐	
		UC/CSU APPROVED	☐	
10	■	WEIGHTED GRADE	☐	
11	■			
12	■	MAX CREDIT ALLOWED:	5	
				Course Placement Recommendation: Successful Completion of Culinary Arts 1A

CULINARY ARTS 2A (1180)

GRADE LEVEL		SEMESTER COURSE	■	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.
9	☐	YEAR COURSE	☐	
		UC/CSU APPROVED	☐	
10	■	WEIGHTED GRADE	☐	
11	■			
12	■	MAX CREDIT ALLOWED:	5	
				Course Placement Recommendation: Successful Completion of Culinary Arts 1B

CULINARY ARTS 2B (1181)

GRADE LEVEL		SEMESTER COURSE	■	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.
9	☐	YEAR COURSE	☐	
		UC/CSU APPROVED	☐	
10	■	WEIGHTED GRADE	☐	
11	■			
12	■	MAX CREDIT ALLOWED:	5	
				Course Placement Recommendation: Successful Completion of Culinary Arts 2A

TUSD Electives

EARTH SCIENCE (OTHER SCIENCE/PHYSICAL SCIENCE) (1705)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

Earth Science is a standards-based study of the Earth and its place in the universe, dynamic processes, energy system, and structure, composition of the atmosphere, California geology, and investigation/experimentation. Includes introduction to Physical Sciences and Life Science and scientific processes.

ELD A (1037)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: English Language Proficiency at the Beginning Level on the ELPAC

ELD B (1038)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

Course Placement Recommendation: English Language Proficiency at the Beginning Level on the ELPAC

ENGLISH SUPPORT (1045)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

English Support is an elective course intended to provide supplemental English language arts support for students beyond their traditional English language arts class. The course will provide assistance for students in attaining grade level ELA Standards involving reading, comprehensive, writing and speaking.

FASHION DESIGN 2 (1191)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	20

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.

Course Placement Recommendation: Fashion Design 1A and 1B

GEOMETRY CC (1526)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

INDEPENDENT LIVING (1187)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

INTERIOR DESIGN (1185)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

PREREQUISITE: NONE

TUSD Electives

JOURNALISM 1 (1214)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

LEADERSHIP (1002)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

The Leadership course is a study of the basic concepts of leadership skills. This course is required both semesters for any student holding an ASB position (elected positions, appointed positions, or Class Council President/Vice-President).

Course Placement Recommendation: Application Election or Appointment to Associated Student Body Government

LIBRARY SERVICE 1A (1004)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

LIBRARY SERVICE 1B (1005)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

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.

LIBRARY SERVICE 2A (1006)

GRADE LEVEL			
		SEMESTER COURSE	■
9	☐	YEAR COURSE	☐
		UC/CSU APPROVED	☐
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	5

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.

LIBRARY SERVICE 2B (1007)

GRADE LEVEL			
		SEMESTER COURSE	■
9	☐	YEAR COURSE	☐
		UC/CSU APPROVED	☐
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	5

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.

LIBRARY MEDIA SKILLS (1011)

GRADE LEVEL			
		SEMESTER COURSE	■
9	☐	YEAR COURSE	☐
		UC/CSU APPROVED	☐
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	10

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 seating. 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**.

LIFE SCIENCE (LIFE SCIENCE) (1709)

GRADE LEVEL			
		SEMESTER COURSE	☐
9	☐	YEAR COURSE	■
		UC/CSU APPROVED	☐
10	■	WEIGHTED GRADE	☐
11	■		
12	■	MAX CREDIT ALLOWED:	10

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.

TUSD Electives

MATH SUPPORT (3915)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

Math Support is an elective course intended to provide supplemental support in mathematics for students beyond their traditional algebra or geometry class. The course will provide assistance for students in attaining subject specific math standards.

MARRIAGE AND FAMILY (1186)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	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.

MUSIC APPRECIATON (1345)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	5

Music Appreciation is aimed at helping students to value and appreciate music in their culture by understanding the elements of style and basic mechanics of music. While this is not an historical survey class, music from many times and types will be studied as well as the important performers and composers of past and present. The uses of music in our society and their relation to other arts will also be explored.

OFFICE EXPERIENCE (1010)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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**.

PEER TUTOR (1012)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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**.

TUSD Electives

PHYSICAL SCIENCE (PHYSICAL SCIENCE) (1710)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	☐	YEAR COURSE	■
11	■	UC/CSU APPROVED	■
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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.

TEACHER AIDE P/F (1008)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	☐	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	10

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**.

WORK EXPERIENCE (1001)

GRADE LEVEL			
9	☐	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	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 10th Grade students if 16 years old)

Course Placement Recommendation: Gainful Employment

YEARBOOK 1 (1218)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	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.

YEARBOOK 2 (1219)

GRADE LEVEL			
9	☐	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	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.

Physical Education

AEROBICS FITNESS AND NUTRITION (1650)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

ATHLETICS (1630)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

Note: Maximum course credit for Physical Education and Athletics is a combined total of 40 units.

Fall		Winter		Spring	
Baseball/Conditioning	1629	Basketball Girls	1603	Baseball	1628
Cross-Country Boys	1620	Basketball Boys	1604	Football/Conditioning	1605
Cross-Country Girls	1621	Soccer Boys	1609	Golf (Boys)	1622
Varsity Football	1606	Soccer Girls	1610	Softball	1617
Frosh/Soph Football	1608	Water polo Girls	1649	Swimming Girls	1616
Golf (Girls)	1622	Wrestling Boys	1623	Swimming Boys	1615
Tennis Girls	1612	Wrestling Girls	1657	Tennis Boys	1611
Volleyball Girls	1618			Track Boys	1613
Water polo Boys	1624			Track Girls	1614
				Volleyball Boys	1619
				Basketball Girls	1631
				Basketball Boys	1632
				Lacrosse Boys	1647
				Lacrosse Girls	1648

INDIVIDUAL ACTIVITIES AND RACQUET SPORTS (1653)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

Physical Education

LIFE FITNESS (1651)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

Life Fitness is a course that will cover the State Physical Education Standards for ninth graders. Students will participate in a variety of team sports while working on concepts of sportsmanship and cooperation. In addition, this course will focus on fitness activities. This will better prepare students for the Fitness Gram test taken during the spring semester.

PHYSICAL EDUCATION (1600F/1601S)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

Physical Education (P.E.) consists of a range of physical activities that encourages an awareness of future lifelong physical fitness skills and interests in a variety of recreational activities. This structured program encourages teaching and using proper warm up and warm down procedures, calisthenics, physical conditioning, and several skill activities. The department provides students with opportunities to exercise in a group and/or in an individual situation. Students are encouraged to begin their lifelong fitness program while participating in the daily P.E. program. Two years (20 credits) of P.E. are required for graduation.

P.E./BAND (1645)

GRADE LEVEL			
9	■	SEMESTER COURSE	■
10	■	YEAR COURSE	☐
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

P.E./Band coursework must follow the strands of P.E. curriculum and therefore student participation with the Marching Band satisfies up to two years of the P.E. graduation requirement. The course is designed to give the Marching Band time to plan and prepare school support for the total school program.

P.E./DANCE (1646)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

P.E./Dance coursework must follow the strands of P.E. curriculum and therefore student participation with the Dance Team satisfies up to two years of the P.E. graduation requirement. The course is designed to give the Dance Team time to plan and prepare school support for the total school program.

Physical Education

P.E./PEP (1644)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

STRENGTH AND CONDITIONING (1652)

GRADE LEVEL			
9	■	SEMESTER COURSE	☐
10	■	YEAR COURSE	■
11	■	UC/CSU APPROVED	☐
12	■	WEIGHTED GRADE	☐
		MAX CREDIT ALLOWED:	40

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.

Regional Occupational Program (ROP)

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
Compuer Programming
E-Marketing
Entrepreneurship
Internet
Marketing Principles
Microsoft Tools
Office Technology
Retail Sales & Merchandising Intership
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 1
Automotive Technology 2
(Internship)
Computer Aided Drafting
Computer Programming Internetworking

International Baccalaureate Program

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:

Grade 9 English 1 H World Language Level 1 or 2 World History H Biology H Algebra 2/Trig or H or Geometry H Visual & Performing Arts (Optional) P.E. or Athletics	**Grade 10** 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 & Performing Arts (if not satisfied in 9th grade) P.E. or Athletics
Grade 11 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	**Grade 12** 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)

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 CAD requirements. The 0 period in grades 9-12 allows students a 7-period day.

Model United Nations Program

The Model United Nations Program is a rigorous four-year course of study that combines the 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:

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

*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.

Special Program

RESOURCE SPECIALIST PROGRAM

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).

SPECIAL DAY CLASS PROGRAM

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.

Index

Aerobics Fitness and Nutrition.....57
Algebra 1 & Algebra 1 H.....17
Algebra 2.....17
Algebra 2/Trigonometry.....18
Algebra 2/Trigonometry Honors 18
Algebra Enrichment.....17
American Government 8
American Government and Politics AP..... 8
Applied Calculus 18
Art 47
Art History AP 32
Athletics 57
Automotive Technology 1 (ROP).....60
Automotive Technology 2 (ROP).....60
AVID 9 & AVID 10 47
AVID Junior Seminar.....47
AVID Senior Seminar 42
Band Advanced.....32
Bass Choir 32
Biology AP, & Biology H 21
Biology Higher Level IB 2 21
Biology-The Living Earth 21
Calculus AB AP.....18
Calculus BC AP.....19
Ceramics.....33
Ceramics Studio.....48
Chamber Orchestra.....33
Chemistry AP 22
Chemistry H 22
Chemistry in the Earth System 22
Child Growth and Development.....48
Chinese 1, Chinese 2, & Chinese 3.....26
Chinese 4 H 26
Chinese Language AP 27
College-Preparatory Electives 42
Color Guard 48
Computer Graphics (ROP) 60
Computer Integrated Manufacturing PLTW ... 42
Computer Science A AP..... 42
Computer Science and Software Eng. PLTW 43
Computer Science Curriculum PLTW…….. 43
Computer Science Principles (AP) 42
Conceptual Biology 22
Conceptual Chemistry 23
Concert Choir 33
Concert Orchestra..... 33
Counseling Aide 48
Counseling Program and Services 4
Culinary Arts 1A 49
Culinary Arts 1B & Culinary Arts 2A 49
Culinary Arts 2B 49
Culinary Arts (ROP)..... 60
Dance Exploration..... 34
Digital Filmmaking..... 34
Digital Video Production 34
District Mission Statement..... 2
Drama 34
Drama Workshop 35
Dramatic Production..... 35
Drawing and Painting (Advanced) 32
Drawing and Painting 35
Earth Science..... 50
Economics 8
Economics AP..... 9
Electives..... 47
Eng. Design and Development PLTW 43
English 13
English 1 & English 1 H..... 13
English 2 & English 2 H..... 13
English 3 & English 3 H..... 14

Index

English 4 14
English 4 Expository Reading and Writing.....14
ELD A & ELD B 50
English ELD A & English ELD B.....15
English ELD C.....15
English IB Higher Level 1 15
English IB Higher Level 2 16
English Language and Composition AP 16
English Literature and Composition AP 16
English Support.....50
Environmental Science AP 23
European History AP..... 9
Exploration of Art.....36
Fashion Design 1 43
Fashion Design 2 50
Film Analysis.....36
Finite Mathematics 19
Forensic Science.....23
French 1, French 2, & French 3.....27
French 4 H 28
French Language AP 28
General Information 5
Geometry 19
Geometry H.....19
Geometry CC 51
Graduation Requirements 6
Graphic Design 1 & Graphic Design 2.....36
Graphic Design 3 37
Guitar 37
High Schools..... 2
History of the America's IB Higher Level 2 9
History/Social Science..... 8
Human Anatomy & Physiology 23
Human Body Systems PLTW 24
Human Geography (AP)..... 9
Independent Film Projects..... 37
Independent Living 51
Individual Activities and Racquet Sports..... 57
Interior Design..... 51
International Baccalaureate Program 61
Introduction to Engineering Design PLTW 44
Jazz Ensemble..... 37
Journalism 1..... 44 & 52
Journalism 2..... 44
Journalism 3..... 44
Journalism 4..... 45
Laboratory Science 23
Languages other than English..... 26
Latin 1 & Latin 2 28
Latin 3 & Latin 4 H..... 29
Leadership 52
Library Media Skills 53
Library Service 1A & Library Service 1B..... 52
Library Service 2A & Library Service 2B..... 53
Life Fitness..... 58
Life Science..... 53
Madrigals..... 38
Marine Ecology 24
Marriage and Family..... 54
Mathematics..... 17
Mathematics SL IB 20
Math Support..... 54
Media Arts and Technology..... 38
Media Arts and Technology-Advanced 38
Message for Students and Parents..... 3
Mixed Chorus 38
Model United Nations Program..... 62
Multimedia Communication Design (ROP) 60
MUN-Cultural Geography MUN I H..... 8

Index

MUN-Global Issues Model MUN II H 45
MUN-U.S. Foreign Policy Model UN III H 45
MUN-Comp. Gov. & Politics Model UN IV H...45
Music Appreciation 54
Oceanography 24
Office Experience 54
Peer Tutor 54
Photography & Design 39
Physical Education ..... 57 & 58
P.E./Band & P.E./Dance 58
P.E./PEP 59
Physical Science 55
Physics 1 (AP) 24
Physics 2 (AP) 25
Physics in the Universe 25
Pre-Calculus 20
Pre-Calculus H 20
Principles of Biomedical Sciences PLTW 25
Principles of Engineering PLTW 46
Psychology & Psychology AP 10
Regional Occupational Program (ROP) 60
Robotics 46
Sociology 10
Spanish 1 & Spanish 2 29
Spanish 3 & Spanish 4 H 30
Spanish Language AP 30
Spanish for Native Speakers 1 30
Spanish for Native Speakers 2 31
Spanish for Native Speakers 3 31
Special Programs 63
Stage Band 39
Stagecraft 39
Statistics AP 20
Strength and Conditioning 59
Studio Art AP 39
Symphonic Band 40
Symphonic Orchestra 40
Table of Contents 1
Teacher Aide P/F 55
Terms and Symbols 7
Theatre Arts Advanced 40
Theory of Knowledge IB 10
Treble Choir Advanced 40
U.S. History 11
U.S. History AP 11
Visual and Performing Arts (VPA) 32
Visual Arts Standard Level IB 41
Visual Imagery 41
Wind Ensemble 41
Work Experience 55
World History & World History AP 11
World History Honors 12
Yearbook 1 & Yearbook 2 56