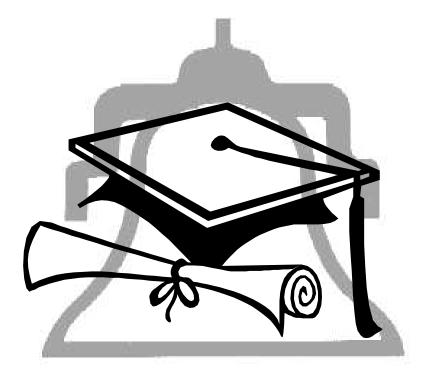
# **Tustin Unified School District**



# 2018-19 High School Course Catalog

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### **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 History10 creditsOne year U.S. History10 creditsOne semester American Government5 creditsOne semester Economics5 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.

- **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.

#### **AMERICAN GOVERNMENT (1800)** In American Government, students study the origin, nature, and GRADE LEVEL SEMESTER COURSE theoretical aspects of the American system of government. YEAR COURSE Emphasis is on American Political institutions (i.e., Executive, 9 Legislative and Judicial branches of government) from origin to UC/CSU APPROVED 10 current time. The nature and function of government at the state, WEIGHTED GRADE П county, and city levels are included as time permits. The origin and 11 growth of individual civil and political rights are covered with 5 MAX CREDIT ALLOWED: particular emphasis from concepts of the Declaration of 12 Independence and the Bill of Rights to the U.S. Constitution.

#### **AMERICAN GOVERNMENT AND POLITICS AP (1820)**

GRADE LEVEL		SEMESTER COURSE		In American Government and Politics AP, students will develop an analytical perspective on government and politics in the United
9		YEAR COURSE		States and study the general concepts used to interpret United
	_	UC/CSU APPROVED		
10		WEIGHTED GRADE		institutions, groups, beliefs, and ideas that constitute United States
11				politics. Students study a variety of theoretical perspectives and explanations for various behaviors and outcomes. This course
12		MAX CREDIT ALLOWED:	5	prepares students for the advanced placement examination in American Government and Politics.

#### **CULTURAL GEOGRAPHY MUN I HONORS (1832)**

GRADE LEVEL	SEMESTER COURSE		Students will study global issues within a human geography context. Students will actively participate in four beginning level
9	YEAR COURSE		Model United Nations Simulations, demonstrating basic skills of
-	UC/CSU APPROVED		diplomacy, group negotiation, formal speaking and conflict
10	WEIGHTED GRADE		negotiation. This exploratory course is designed to support
11			students academically as they navigate their first year of High School and prepare for successful participation in the MUN
12	MAX CREDIT ALLOWED:	10	Leadership Academy.

#### ECONOMICS (1803)

GRADE LEVEL		SEMESTER COURSE		Economics is the study of the production and distribution of goods and services. This course is designed to give the student an
9		YEAR COURSE		awareness of economic systems, both personal and political. It will
	_	UC/CSU APPROVED		provide opportunities to develop basic skills in critical and creative
10		WEIGHTED GRADE		thinking in social decision making and will explore future economic
11				challenges. Emphasis is on free-market efficiency, price stability, growth security, comparative advantage, fiscal and monetary
12	•	MAX CREDIT ALLOWED:	5	policy.

ECONOMICS	S AP	(1823)		
<u>GRADE LEVEL</u> 9 10 11 12		SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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	HIS	TORY AP (1805)		
<u>GRADE LEVEL</u> م		SEMESTER COURSE YEAR COURSE		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

9			_	
	_	UC/CSU APPROVED		involve extensive reading and preparation of formal research
10		WEIGHTED GRADE		projects.
11				
12		MAX CREDIT ALLOWED:	10	
				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       SEMESTER COURSE       Image: An in-depth focus on the major events of the 20th Concurriculum will integrate the histories of Russia, Latin An the United States. It is designed to promote an awa understanding of cultural, political, social, and econom various regions throughout the world. At the end of the students will demonstrate historical understanding the students will demonstrate historical understanding the curriculum will integrate the historical understanding the students will demonstrate historical understanding the curriculum will demonst	America, and vareness and omic issues of f this course, through the edge, present arguments; y as historical bach to and in the causes cluded in the ents complete
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#### **AP HUMAN GEOGRAPHY (1840)**

GRADE LEVEL           9           10           11           12	•	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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.

PSYCHOLOGY (1806)						
GRADE LEVEL		SEMESTER COURSE		In this Psychology course, students study the basic principles of psychology. Topics to be studied are families and relationships,		
9		YEAR COURSE		feelings, behaviors, and emotions; theories and therapies;		
		UC/CSU APPROVED		motivations and instincts; personalities; thinking and learning;		
10		WEIGHTED GRADE		modern trends and research in psychology. This is a one-semester		
11				course that is offered in conjunction with Sociology during the alternate semester.		
12		MAX CREDIT ALLOWED:	5			

### **PSYCHOLOGY AP (1841)**

	10       UC/CSU APPROVED       approach to normal and abnormal behavior; developm         10       WEIGHTED GRADE       theories and human relations; and an exploration of c         11       MAX CREDIT ALLOWED:       10
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### SOCIOLOGY (1808)

SUCIOLUGI	(1000)	
<b><u>GRADE LEVEL</u></b> 9 10 11	SEMESTER COURSE VEAR COURSE UC/CSU APPROVED WEIGHTED GRADE	Sociology is an introductory course which provides comprehensive examination of the basic concepts, principles, a methods central to the scientific study of sociology. Sociolo stresses the development of attitudes of critical judgment a respect for the opinions of others and presents a gene theoretical and practical study of individuals and group dynami
12	MAX CREDIT ALLOWED: 5	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)

9 10 11 12		SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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.
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U.S. HISTOR	Y (1	826)		
GRADE LEVEL		SEMESTER COURSE		U.S. History is a study of the political, cultural, social, and economic background of the United States. Emphasis is placed on
9		YEAR COURSE		increasing student knowledge of the past and through a variety of
10 11		UC/CSU APPROVED WEIGHTED GRADE		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
12	•	MAX CREDIT ALLOWED:	10	and the development of American values and institutions up to the present day.

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

GRADE LEVEL		SEMESTER COURSE		U.S. History AP is a chronological, comprehensive survey of United States history with emphasis on the conflicting
9		YEAR COURSE		interpretation of events, the understanding of source materials,
		UC/CSU APPROVED		and the skillful presentation of argument from evidence. Students
10		WEIGHTED GRADE		will be expected to perform at college level in class discussion,
11	-			independent research, and writing ability. Course content is focused to prepare students to pass the U.S. History advanced
12		MAX CREDIT ALLOWED:	10	placement examination.

### WORLD HISTORY (1824)

GRADE LEVEL	_	SEMESTER COURSE		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
9		UC/CSU APPROVED		history, the Industrial Revolution, the rise of Imperialism, causes
10			_	and consequences of WWI and WWII, the rise of modern Germany
		WEIGHTED GRADE		and Italy, as well as the Middle East, Africa and Latin America. The
11				
12		MAX CREDIT ALLOWED:	10	<ul> <li>concepts of Nationalism and Totalitarianism will be presented. Th</li> <li>class introduces themes that will be integrated in U.S. Histor</li> <li>offered in the junior year. Geography, Primary Sources, Art, Music</li> <li>and Literature are utilized to present key concepts.</li> </ul>

### WORLD HISTORY AP (1827)

	<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED: 10	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
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WORLD HIST	OR	Y HONORS (1828)		
GRADE LEVEL		SEMESTER COURSE		Students in World History Honors study the society, history, politics and culture of the world. Students review the rise of democratic
9		YEAR COURSE	-	ideals, introduction of the Revolution and Napoleonic periods of
10		UC/CSU APPROVED WEIGHTED GRADE	GRADE causes and consequences of WWI and WWII, the	French history, the Industrial Revolution, the rise of Imperialism, causes and consequences of WWI and WWII, the rise of modern
11				Germany and Italy, as well as the Middle East, Africa and Latin America. The concepts of Nationalism and Totalitarianism will be
12		MAX CREDIT ALLOWED:	10	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.

GRADE LEVEL SEMESTER COURSE YEAR COURSE A standards-driven, literature-based required course, freshman English emphasizes critical thinking, reading, writing (grammar, mechanics and punctuation) speaking and listening skills	ENGLISH 1 (1200)						
YEAR COURSE Mechanics and punctuation) speaking and listening skills	GRADE LEVEL		SEMESTER COURSE				
	9		YEAR COURSE		mechanics, and punctuation), speaking, and listening skills.		
<sup>10</sup> UC/CSU APPROVED Students study novels, plays, short stories, poetry, and essays to <sup>10</sup> WEIGHTED GRADE GRIADE GRIADE In addition to the required reading of two novels, and the world <sup>11</sup> November 2015 Students study novels, plays, short stories, poetry, and essays to <sup>11</sup> around them. In addition to the required reading of two novels,	10				gain an appreciation and understanding of the text and the world		
11 In addition to the required reading of two novels, students read selected works from an extended reading list.	11						
12 MAX CREDIT ALLOWED: 10	12		MAX CREDIT ALLOWED:	10	Siddenis read selected works norm an extended reading list.		

### ENGLISH 1 H (1202)

GRADE LEVEL	·	SEMESTER COURSE		A standards-driven, literature-based course, freshman English Honors emphasizes critical thinking, reading, writing (grammar,
9		YEAR COURSE		mechanics, and punctuation), speaking, and listening skills.
-		UC/CSU APPROVED		Students study novels, plays, short stories, poetry, and essays to
10		WEIGHTED GRADE		gain an appreciation and understanding of the text and the world
11				around them. In addition to the required reading of two novels,
12		MAX CREDIT ALLOWED:	10	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	•	SEMESTER COURSE		A standards-driven, literature-based required course, sophomore English emphasizes critical thinking, reading, writing (grammar,
9		YEAR COURSE		mechanics, and punctuation), speaking, and listening skills.
10		UC/CSU APPROVED WEIGHTED GRADE		Students study novels, plays, short stories, poetry, and essays to gain an appreciation and understanding of the text and the world
11				around them. In addition to the required reading of two novels, students read selected works from an extended reading list.
12		MAX CREDIT ALLOWED:	10	

### ENGLISH 2 H (1205)

	1 ( 1 4	.03)		
<u>GRADE LEVEL</u> 9 10 11 12		SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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

ENGLISH 3 (1207)						
GRADE LEVEL		SEMESTER COURSE		A standards-driven, literature-based required course, junior English emphasizes critical thinking, reading, writing (grammar,		
9		YEAR COURSE		mechanics, and punctuation), speaking, and listening skills.		
	_	UC/CSU APPROVED		Students study novels, plays, short stories, poetry, and essays to		
10		WEIGHTED GRADE		gain an appreciation and understanding of the text and the world		
11				around them. In addition to the required reading of two novels,		
12		MAX CREDIT ALLOWED:	10	students read selected works from an extended reading list.		

### ENGLISH 3 H (1208)

GRADE LEVEL	•	SEMESTER COURSE		A standards-driven, literature-based course, junior English Honors emphasizes critical thinking, reading, writing (grammar,
9		YEAR COURSE		mechanics, and punctuation), speaking, and listening skills.
-	_	UC/CSU APPROVED		Students study novels, plays, short stories, poetry, and essays to
10		WEIGHTED GRADE		gain an appreciation and understanding of the text and the world
11				around them. In addition to the required reading of two novels, students read selected works from an extended reading list. The
12		MAX CREDIT ALLOWED:	10	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	SEMESTER COURSE		A standards-driven, literature-based required course, senior English emphasizes critical thinking, reading, writing (grammar,
9	YEAR COURSE		mechanics, and punctuation), speaking, and listening skills.
-	UC/CSU APPROVED		Students study novels, plays, short stories, poetry, and essays to
10	WEIGHTED GRADE		gain an appreciation and understanding of the text and the world
11			around them. In addition to the required reading of two novels, students read selected works from an extended reading list.
12	MAX CREDIT ALLOWED:	10	

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

GRADE LEVEL		SEMESTER COURSE		English 4 Expository Reading and Writing Course will enable students to analyze, interpret, and apply the rhetorical strategies
9 10		YEAR COURSE UC/CSU APPROVED		of a variety of expository and literary texts. Modules include instruction in critical reading, analysis of rhetorical strategies, vocabulary, research methods, documentation conventions, and
11		WEIGHTED GRADE MAX CREDIT ALLOWED:	10	analytical writing based on information learned from and in response to the assigned texts.
12	-			

<b>ENGLISH EL</b>	D A (1239)		
GRADE LEVEL	SEMESTER COURSE		English ELD A focuses primarily on oral language acquisition with limited reading and writing skill development. Basic vocabulary is
9	YEAR COURSE		introduced with emphasis on school and social scenarios. The
40	UC/CSU APPROVED		course is taught in a two-period block and prepares students for
10	WEIGHTED GRADE		ELD Level B.
11	•		
12	MAX CREDIT ALLOWED:	10	
			Course Placement Recommendation: English Language Proficiency at the Early Intermediate Level on the ELPAC

### ENGLISH ELD B (1240)

	D D (1240)		
GRADE LEVEL	SEMESTER COURSE		English ELD B is taught in a two-period block. Students practice oral skills and learn to read and write at an intermediate level.
9	YEAR COURSE		From ELD B, students are recommended for English ELD Level C
Ū.	UC/CSU APPROVED		or grade appropriate English.
10	WEIGHTED GRADE		
11	•		
12	MAX CREDIT ALLOWED:	10	
			Course Placement Recommendation: English Language Proficiency at the Early Intermediate Level on the ELPAC

### ENGLISH ELD C (1241)

<u>GRADE LEVEL</u>	SEMESTER COURSE		English ELD C is a one-period course for students who are proficient at an intermediate reading skill level. Students read core
9	YEAR COURSE		literature and self-selected literacy books and stories to develop
10	UC/CSU APPROVED WEIGHTED GRADE		proficiency at an advanced level.
11			
12	MAX CREDIT ALLOWED:	10	

### ENGLISH IB HIGHER LEVEL 1 (9306)

GRADE LEVEL	SEMESTER COURSE		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
9	YEAR COURSE		Diploma assessments. The course includes study of three World
10	UC/CSU APPROVED WEIGHTED GRADE	-	Literature works with two essays assigned in the junior year and submitted to the IBO in the senior year. The course work also
11		-	includes a variety of oral presentations and activities that are internally assessed and externally moderated by the IBO. The
12	MAX CREDIT ALLOWED:	10	
			Course Placement Recommendation: B Grade or Better in English 2 H

ENGLISH IB	ENGLISH IB HIGHER LEVEL 2 (9307)							
GRADE LEVEL		SEMESTER COURSE		Designed to prepare students for both the Advanced Placement (AP) and IB examinations, English IB HL 2 is a rigorous course that				
9		YEAR COURSE		requires sophisticated skills in reading comprehension, critical				
10		UC/CSU APPROVED WEIGHTED GRADE		thinking, literary analyses, time-management skills, and the abil to work independently. Though heavily comprised of essays, t				
11				course work leads to other forms of assessment such as oral and technological presentations, reading, grammar, and vocabulary				
12		MAX CREDIT ALLOWED:	10	quizzes.				
				Course Placement Recommendation: B Grade or Better in English IB HL1				

#### ENGLISH LANGUAGE AND COMPOSITION AP (1243)

GRADE LEVEL		SEMESTER COURSE		English Language and Composition AP engages students in becoming skilled readers of prose written in a variety of rhetorical
9		YEAR COURSE		contexts, and in becoming skilled writers who compose for a
-	_	UC/CSU APPROVED		variety of purposes. Both their writing and their reading should
10		WEIGHTED GRADE		make students aware of the interactions among a writer's
11				purposes, audience expectations, and subjects, as well as the way
12		MAX CREDIT ALLOWED:	10	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		SEMESTER COURSE		English Literature and Composition AP require careful reading and critical analysis of literature from selected texts drawn from multiple
9		YEAR COURSE		genres, periods, and cultures. The course deepens understanding
	_	UC/CSU APPROVED		of ways writers use language to develop meaning. Students
10		WEIGHTED GRADE		consider work's structure, style, themes, figurative language,
11				imagery, symbolism, tone, and social and historical values.
12		MAX CREDIT ALLOWED:	10	
				Course Placement Recommendation: B Grade or Better in Previous English Course

ALGEBRA ENRICHMENT (1544)
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GRADE LEVEL		SEMESTER COURSE		Algebra Enrichment is designed to develop conceptual understanding of mathematical content and practices. It is		
9		YEAR COURSE		intended to provide a strong foundation for work with high school		
	_	UC/CSU APPROVED		algebra concepts. It is a problem-based course containing a variety		
10		WEIGHTED GRADE		of strategies that promote number sense. Course work centers		
11				around reasoning, justification, and explanation of mathematical		
12		MAX CREDIT ALLOWED:	10	concepts and practices.		

#### ALGEBRA 1 (1504)

GRADE LEVEL	·	SEMESTER COURSE		Algebra 1 is a program of study exploring numbers and their properties. The content areas are: set theory, structure of the real
9		YEAR COURSE		number system, simplification of algebraic expression, problem
-	_	UC/CSU APPROVED		solving, conditional equations, exponents, and radicals. The aim of
10		WEIGHTED GRADE		this course is to develop a good understanding in each of these
11				areas so students can move forward to other courses in Mathematics.
12	•	MAX CREDIT ALLOWED:	10	Mathematics.

### ALGEBRA 1 H (1504H)

GRADE LEVEL	:	SEMESTER COURSE		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
9		YEAR COURSE		bound in which the student will learn to reason symbolically. This
-		UC/CSU APPROVED		course will help students read, define, and apply algebraic
10	$\Box$ ,	WEIGHTED GRADE		vocabulary and symbols. The first semester emphasizes the
11				language of algebra, solving equations, absolute value, inequalities, functions, graphing and linear concepts. The second
12		MAX CREDIT ALLOWED:	10	semester emphasizes exponents, radicals and polynomials, quadratic functions and probability and statistics.

.

### ALGEBRA 2 (1508)

GRADE LEVEL	SEMESTER COURSE	Algebra 2 is designed to extend skills learned in previous mathematics courses. Concepts and skills not presently mastered
9	□ YEAR COURSE	but needed by the student in future educational, business, and
10	UC/CSU APPROVED	professional endeavors are developed. A more rigorous approach
10	WEIGHTED GRADE	to the real and complex numbers is emphasized. Students will
11		develop a more thorough understanding of relations and functions as well as be introduced to sequence and series, logarithmic and
12	MAX CREDIT ALLOWED: 10	
		Course Placement Recommendation: C Grade or Better in Geometry

ALGEBRA 2/	TRIGONOMETRY (1550	)	
GRADE LEVEL           9           10           11           12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED:	<ul> <li>□</li> <li>■</li> <li>□</li> <li>10</li> </ul>	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		Algebra 2/Trigonometry Honors is designed to strengthen and extend skills learned in previous mathematics courses. This course
9	YEAR COURSE		will help students read, define and apply algebraic vocabulary and
-	UC/CSU APPROVED		symbols, evaluate functions, solve equations involving quadratic,
10	WEIGHTED GRADE		rational, absolute value, radical, exponential, logarithmic and
11	•		trigonometric expressions, graph equations, functions, and conic
12	MAX CREDIT ALLOWED:	10	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		Applied Calculus is a course covering the fundamental concepts of Calculus with applications in business, economics, and in the
9		YEAR COURSE		environmental, life, physical, and social sciences. Topics include
	_	UC/CSU APPROVED		differentiation and integration of various functions, with emphasis
10		WEIGHTED GRADE		on real-world applications.
11				
12		MAX CREDIT ALLOWED:	10	
				Course Placement Recommendation: C Grade or Better in Pre-Calculus

### CALCULUS AB AP (1530)

GRADE LEVEL	SEMESTER COURSE		Calculus AB AP is intended for students who have a thorough knowledge of college preparatory mathematics including Algebra
9	□ YEAR COURSE		1 and 2, Geometry and Pre-Calculus. Calculus AB is a course in
10 11	UC/CSU APPROVED WEIGHTED GRADE	•	introductory calculus including limits, (Epsilon-Delta concept) differentiation and integration of algebraic and non-algebraic functions and applications.
12	MAX CREDIT ALLOWED:	10	
			Course Placement Recommendation: B Grade or Better in Pre-Calculus or C Grade or Better in Pre-Calculus H

#### CALCULUS BC AP (1531) Calculus BC AP is intended for students who have a solid **GRADE LEVEL** SEMESTER COURSE foundation in Algebra 1 and 2 H, Geometry H, and Pre-Calculus H. YEAR COURSE Calculus BC is a course which is more extensive in depth and 9 breadth than Calculus AB. Students will take the Calculus BC UC/CSU APPROVED 10 advanced placement exam or complete a major project. WEIGHTED GRADE 11 MAX CREDIT ALLOWED: 10 12 Course Placement Recommendation: B Grade or Better in Pre-Calculus H

#### **FINITE MATHEMATICS (9025)**

GRADE LEVEL		SEMESTER COURSE		Finite Mathematics is a post Algebra 2 course for students who desire an additional year of mathematics after Algebra 2 or Algebra
9		YEAR COURSE		2/Trigonometry, or before Pre-Calculus or AP Statistics. Topics
-	_	UC/CSU APPROVED		covered will include probability and statistics, logic, linear algebra,
10		WEIGHTED GRADE		linear programming, systems of equations, matrices, counting
11				theory, math of finance, and normal distributions.
12		MAX CREDIT ALLOWED:	10	

#### **GEOMETRY (1506)**

GRADE LEVEL	SEMESTER COURSE		Geometry provides students with an understanding of the basic structure of plane geometry integrated with some solid geometry.
9	■ YEAR COURSE UC/CSU APPROVED	-	This course will help students develop powers of spatial visualization while building the students' knowledge of the
10 11	WEIGHTED GRADE		relationships among geometric elements. The development of deductive reasoning, as used in geometric proofs and in the
12	MAX CREDIT ALLOWED:	10	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)

(1001)		Students completing Algebre 1 with on A grade will permelly
SEMESTER COURSE		Students completing Algebra 1 with an A grade will normally continue in the Geometry Honors class. The elements of geometry
YEAR COURSE		plus the philosophy of enrichment are presented in the Geometry
UC/CSU APPROVED		H classes.
WEIGHTED GRADE		
MAX CREDIT ALLOWED:	10	
		Course Placement Recommendation: A Grade in Algebra 1
	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE

#### **MATHEMATICS SL IB (9322)** Mathematical SL is designed to provide a background of GRADE LEVEL SEMESTER COURSE mathematical thought and reasonable level of technical ability. It is YEAR COURSE intended to provide a sound mathematical basis for those students 9 planning to pursue further studies in fields such as chemistry, UC/CSU APPROVED economics, geography and business administration. 10 It is a WEIGHTED GRADE demanding course containing a variety of mathematical topics. 11 Course work also requires the completion of a project based on MAX CREDIT ALLOWED: 10 mathematical research and calculation. 12

#### **PRE-CALCULUS (1533)** Topics covered include circular functions, trigonometric functions GRADE LEVEL SEMESTER COURSE with applications, reduction of angles, solutions of triangles, YEAR COURSE identities and equations, complex numbers, matrices, rectangular 9 and polar coordinates, parametric equations, polynomial functions, UC/CSU APPROVED 10 and conicity. WEIGHTED GRADE 11 MAX CREDIT ALLOWED: 10 12 Course Placement Recommendation: C Grade or Better in Algebra 2/Trigonometry

PRE-CALCUL	LUS H (1529)		
GRADE LEVEL	SEMESTER COURSE		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
9	UC/CSU APPROVED		properties of number system, analytic geometry, theory of
10	WEIGHTED GRADE		matrices, polar graphs, vectors, parametric equations, conicity,
11			and elementary calculus.
12	MAX CREDIT ALLOWED:	10	
			Course Placement Recommendation: B Grade or Better in Algebra 2/Trigonometry H

#### **STATISTICS AP (1536)**

<mark>GRADE LEVEL</mark> 9 10		SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE		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
11 12	•	MAX CREDIT ALLOWED:	10	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

<u>GRADE LEVEL</u> 9 10 11	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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 or projects and to make periodic oral presentations of their findings The course is accelerated academically with its content quantitatively and qualitatively different from Biology.
12		-	quantitatively and qualitatively different from Biology.

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

GRADE LEVEL	·	SEMESTER COURSE		Biology Honors is a rigorous lab-oriented, standards-based science course which explores the all content areas of biology. The
9		YEAR COURSE		scientific method will be utilized to teach the process of inquiry and
		UC/CSU APPROVED		to help develop critical thinking skills. Special emphasis will be on
10		WEIGHTED GRADE		measurement and data recording as it applies to investigative and
11				laboratory experiences.
12		MAX CREDIT ALLOWED:	10	

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

GRADE LEVEL		SEMESTER COURSE		Biology Higher Level IB prepares students for the IB assessments in experimental sciences. The course work requires an internally
9		YEAR COURSE		assessed scheme of practical/investigative work and a project
-		UC/CSU APPROVED		made up of ten hours of internally assessed practical work.
10		WEIGHTED GRADE		Students will secure knowledge of a limited body of facts and at
11				the same time acquire a general understanding of the subject. The
12	•	MAX CREDIT ALLOWED:	10	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	SEMESTER COURSE		Biology, the Living Earth is a standards–based class centered on life science and selected Earth Science performance expectations.
9	■ YEAR COURSE UC/CSU APPROVED		The course spirals in scale, starting with ecosystems as a whole, progressing into connections within ecosystems, and then moving
10	<ul> <li>WEIGHTED GRADE</li> </ul>		into evolution, linking to the study of heredity. Other related major topics of study include the characteristics of life, ecosystems, and
11	MAX CREDIT ALLOWED:	10	the impacts humans have on them.
12	•		

#### CHEMISTRY AP (PHYSICAL SCIENCE) (1703) Chemistry AP is a course designed for students intending to major **GRADE LEVEL** SEMESTER COURSE in science or engineering at the college level. An in-depth study of YEAR COURSE the composition, properties, structure and reactivity of matter 9 will be incorporated into discussions, laboratory experiences, and UC/CSU APPROVED 10 problem solving activities. Theoretical aspects of chemistry such WEIGHTED GRADE as kinetic theory of gases, chemical kinetics, equilibria and the 11 basic concepts of thermodynamics are also presented. Students MAX CREDIT ALLOWED: 10 are expected to develop the ability to write formal laboratory 12 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		Chemistry Honors is a standards-based course designed for students intending to major in science or engineering at the college
9			level. An in-depth study of the composition, properties, structure
10	UC/CSU APPROVED ■ WEIGHTED GRADE		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
11 12	MAX CREDIT ALLOWED:	10	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         9       □         10       ■         11       ■         12       ■	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED:	□ ■ □	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)

12 MAX CREDIT ALLOWED: 10	9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE 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.
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CONCEPTUA	AL CHEMISTRY (1751)		
GRADE LEVEL	SEMESTER COURSE		Conceptual Chemistry integrates writing, mathematical, laboratory and critical thinking skills as they apply to the concepts and
9			theories of modern chemistry. The course will focus on laboratory
	UC/CSU APPROVED		work to provide a framework for understanding the structure of
10	WEIGHTED GRADE		atoms and molecules, periodicity, bonding and reactions. Labs will
11	•		be used to provide the foundation for learning about acids and
12	MAX CREDIT ALLOWED:	10	bases, redox reactions, kinetics, thermodynamics and thermodynamics and stoichiometry.

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

GRADE LEVEL		SEMESTER COURSE		Environmental Science AP is a one-year interdisciplinary elective course; it embraces a wide variety of topics from different areas of
9		YEAR COURSE		study. The goal of the laboratory and field investigation component
40	_	UC/CSU APPROVED		of the course is to complement the classroom portion by allowing
10		WEIGHTED GRADE		students to learn about the environment through firsthand
11				observation. Experiences both in the laboratory and in the field
12	•	MAX CREDIT ALLOWED:	10	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	SEMESTER COURSE		Forensic science builds upon the major academic themes of Biology and Chemistry, utilizing lecture, demonstration, problem
9			solving, and in-depth, hands-on laboratory activities and
10	UC/CSU APPROVED		experiments in a forensic context. The course emphasizes problem solving skills, critical thinking, hands-on lab experience,
11	•		and career pathways. The context focus is on the nature of physical evidence collected at a crime scene and the analyses of
12	■ MAX CREDIT ALLOWED	: 10	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)

<u>GRADE LEVEL</u> 9 10 11	SEMESTER COURSE	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,
12	■ MAX CREDIT ALLOWED: 10	digestive, excretory, endocrine and reproductive. Laboratory experiences are used as a basis for the discussion and understanding basic concepts.

#### **HUMAN BODY SYSTEMS PLTW (1123)** Students engage in the study of the processes, structures, and **GRADE LEVEL** SEMESTER COURSE interactions of the human body systems. Important concepts in the YEAR COURSE course include: communication, transport of substances, 9 locomotion, metabolic processes, defense, and protection. The UC/CSU APPROVED 10 central theme is how the body systems work together to maintain WEIGHTED GRADE П homeostasis and good health. The systems are studied as "part of 11 a whole," working together to keep the amazing human machine MAX CREDIT ALLOWED: 10 functioning at an optimal level. 12 Course Placement Recommendation: Concurrent Enrollment in Biology or Completion of Biology with B

#### **MARINE ECOLOGY (1742)**

9 10 11 12		SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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.
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#### **OCEANOGRAPHY (PHYSICAL/LIFE SCIENCE) (1723)**

<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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.

<b>AP PHYSICS</b>	AP PHYSICS 1 – ALGEBRA BASED (PHYSICAL SCIENCE) (1727)					
GRADE LEVEL		SEMESTER COURSE		AP Physics 1 is a year-long introductory, algebra-based, college- level physics course that explores topics such as Newtonian		
9		YEAR COURSE		mechanics including rotational motion; work, energy, and power;		
10		UC/CSU APPROVED WEIGHTED GRADE		mechanical waves and sound; and introductory simple circuits. Through inquiry-based learning, students will develop scientific		
11				critical thinking and reasoning skills. Topics of special interest will be studied, and laboratory work will be performed. Students taking		
12	•	MAX CREDIT ALLOWED:	10	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		

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

GRADE LEVEL		SEMESTER COURSE		AP Physics 2 is the second year of an introductory, algebra-based, college-level set of physics courses that explore topics such as
9		YEAR COURSE		fluid statics and dynamics; thermodynamics with kinetic theory; PV
10		UC/CSU APPROVED WEIGHTED GRADE		diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and
11				geometric optics; and quantum, atomic, and nuclear physics.
12	•	MAX CREDIT ALLOWED:	10	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		SEMESTER COURSE		Physics in the Universe is a standards–based course that centers on how physical processes govern everything in the universe. The
9		YEAR COURSE		course emphasizes society's use of technology and humanity's
	_	UC/CSU APPROVED		impact on natural systems. The laws of physics are utilized to
10		WEIGHTED GRADE		interpret processes that shape the Earth system, and are applied
11				in a range of contexts. The goal of the course is to provide students
12		MAX CREDIT ALLOWED:	10	with an understanding of physics concepts in order to develop scientific critical thinking and reasoning skills.

#### PRINCIPLES OF BIOMEDICAL SCIENCES PLTW (1122)

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

CHINESE 1 (	1427)		
GRADE LEVEL	SEMESTER COURSE		Chinese 1 students will master a vocabulary that will allow them to comprehend spoken Chinese. Students will be able to function and
9	■ YEAR COURSE UC/CSU APPROVED	-	interact with native speakers in complete or complex sentences. Most will be able to interact comfortably in situations that require
10	<ul> <li>WEIGHTED GRADE</li> </ul>		the use of basic information. Students will learn about the culture,
11	•		history and geography of the Chinese-speaking countries.
12	MAX CREDIT ALLOWED:	10	

CHINESE 2 (1	428)	
<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE	They will read selections of greater difficulty and will improve their writing skills, utilizing new vocabulary and grammar
		Course Placement Recommendation: C Grade or Better in Chinese Level 1

CHINESE 3 (	1431)			
GRADE LEVEL	Ş	SEMESTER COURSE		Chinese 3 students will continue to grow in language proficiency, fluency, and cultural understanding. They will review fundamental
9		YEAR COURSE		structures mastered in Levels 1 and 2. They will improve their
10 11 12		JC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED:	■ □ 10	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
12	-			writing skills allowing them to express their own ideas in Chinese. Course Placement Recommendation: C Grade or Better in Chinese Level 2

CHINESE 41	1 ( 14	52)		
GRADE LEVEL		SEMESTER COURSE		In Chinese 4 Honors, students will continue to develop their language skills. They will be required to perform at a higher level
9		YEAR COURSE		of proficiency in all skill areas: listening, comprehension, speaking,
-	_	UC/CSU APPROVED		reading, and writing. Practice of spoken and written Chinese in
10		WEIGHTED GRADE		communicative activities will be conducted. Students will use more
11				sophisticated vocabulary and speech patterns to continue expanding their awareness of Chinese culture. This course is
12		MAX CREDIT ALLOWED:	10	conducted mostly in Chinese.
				Course Placement Recommendation: B Grade or Better in Chinese Level 3

<b>CHINESE LA</b>	CHINESE LANGUAGE AP (1433)					
GRADE LEVEL	SEMESTER COURSE		Chinese Language AP is designed to deepen students' immersion into the Mandarin Chinese language and culture. Students will			
9	■ YEAR COURSE		continue to grow in language proficiency, fluency, and cultural			
10	<ul><li>UC/CSU APPROVED</li><li>WEIGHTED GRADE</li></ul>		understanding. The course will prepare students to demonstrate their level of Chinese proficiency. Students focus on language			
11	•		proficiency while interweaving level-and age-appropriate cultural content throughout the course and providing frequent formative			
12	MAX CREDIT ALLOWED:	10	assessment of students' developing proficiencies within the context of their learning.			
			Course Placement Recommendation: B Grade or better in Chinese Level 4			

FRENCH 1 (14	400)		
GRADE LEVEL	SEMESTER COURSE		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.
9 10	UC/CSU APPROVED		Most will be able to interact comfortably in situations that require the use of basic information. Students will learn about the culture,
11 12	MAX CREDIT ALLOWED:	10	history and geography of the French-speaking countries.

FRENCH 2 (14	01)		
GRADE LEVEL	SEMESTER COURSE		French 2 students will learn new grammar structures and apply them to different situations. They will increase their vocabulary and
9	■ YEAR COURSE UC/CSU APPROVED		improve their ability to comprehend written and spoken material. Students will refine their speaking proficiency. They will read
10	WEIGHTED GRADE		selections of greater difficulty and will improve their writing skills, utilizing new vocabulary and grammar concepts. Students will
11	MAX CREDIT ALLOWED:	10	learn about the culture, history, and geography of the French-
12		10	speaking countries.
			Course Placement Recommendation: C Grade or Better in French Level 1

FRENCH 3 (1	402)		
9 10	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE		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
12	MAX CREDIT ALLOWED:	10	their own ideas in Fierich.
			Course Placement Recommendation: C Grade or Better in French Level 2

FRENCH 4 H	(14:	36)		
GRADE LEVEL		SEMESTER COURSE		French 4 Honors students will continue to develop their language skills. They will be required to perform at a higher level of
9		YEAR COURSE		proficiency in all skill areas: listening, comprehension, speaking,
10		UC/CSU APPROVED WEIGHTED GRADE		reading, and writing. Students will read a variety of materials and use French whenever possible in daily discussions and
11			-	conversations. Students will use more sophisticated vocabulary
12		MAX CREDIT ALLOWED:	10	and speech patterns and continue to expand their awareness of French culture.
				Course Placement Recommendation: B Grade or Better in French Level 3
FRENCH LAN	NGU	AGE AP (1406)		
GRADE LEVEL		SEMESTER COURSE		French Language AP students will continue to develop language proficiency and fluency with a greater degree of sophistication and
9		YEAR COURSE		spontaneity. Students will be able to speak and to write at length
10		UC/CSU APPROVED		about many topics, including their personal interests, opinions, and
	_	WEIGHTED GRADE		experiences. Students will be able to comprehend native speakers and authentic materials in most situations and continue to study
11		MAX CREDIT ALLOWED:	10	literature and culture.
12		MAX OREDIT ALLOWED.	10	
				Course Placement Recommendation: B Grade or Better in French Level 4 H
LATIN 1 (142	1)			
GRADE LEVEL		SEMESTER COURSE		Latin 1 teaches skills for reading, listening, speaking, and understanding the Latin language and literature. A student
9		YEAR COURSE		becomes acquainted with the roots of his own language, builds an
10	-	UC/CSU APPROVED		English vocabulary of his own, and is exposed to the rhetoric and literary skills of the Greeks and Romans who fashioned our
	_	WEIGHTED GRADE		civilization. Ancient people, laws, customs, and folk-tales will be
11	-	MAX CREDIT ALLOWED:	10	studied through translations, reports, and the use of multimedia
12				such as tapes, records, slides, films, transparencies, and overlays.
LATIN 2 (142	2)			
GRADE LEVEL	,	SEMESTER COURSE		Latin 2 is a continuation and reinforcement of the skills and
	_	YEAR COURSE		objectives described for Latin 1. Completion of the study of the fundamentals of Latin grammar and graded readings by Roman
9		UC/CSU APPROVED		writers comprise the main segment of the second level. Students
10		WEIGHTED GRADE		expand their knowledge of the Near East and Mediterranean
11				people to a greater appreciation of the themes and values of classical civilization.
12		MAX CREDIT ALLOWED:	10	
				Course Placement Recommendation: C Grade or Better in Latin Level 1

RADE LEVEL	SEMESTER COURSE		Latin 3 students continue the study of the Latin language literature, civilization and culture of the Greco-Roman world, and
9	YEAR COURSE		the transmission of Western ideas and ideals with their resulting
10	UC/CSU APPROVED		influence upon contemporary life. Students will learn the basic
10	WEIGHTED GRADE		nature of poetry, prosody, and the literary contribution of the
11			Roman poets.
12	MAX CREDIT ALLOWED:	10	
			Course Placement Recommendation: C Grade or Better in Latin Level 2

	44Z)			
GRADE LEVEL		SEMESTER COURSE		Latin 4 Honors continues the instruction of Latin and the Greco- Roman world by means of Greek and Roman literature, drama,
9		YEAR COURSE		mythology, art, history, philosophy, and archeology. Students
10		UC/CSU APPROVED WEIGHTED GRADE		compare the Aeneid with the Odyssey and the Iliad and thereby reach an understanding of the epic genre.
11				
12		MAX CREDIT ALLOWED:	10	
				Course Placement Recommendation: B Grade or Better in Latin Level 3

SPANISH 1	(1414)	
••••••••••••	<b>、・・・・</b>	

GRADE LEVEL	SEMESTER COURSE		Students in Spanish 1 will have acquired a basic vocabulary of approximately 1,000 words. Most will be able to interact
9	■ YEAR COURSE UC/CSU APPROVED		comfortably in situations which require the use of basic information. They will be able to introduce themselves, family
10			members or friends, talk about likes and dislikes, describe clothing
11	•		(colors), appearance, mood, personality; make statements about dates, weather, seasonal activities, etc. In addition, they will be
12	MAX CREDIT ALLOWED:	10	able to discuss other subjects recognizing similar/distinct attitudes between their own culture and the culture of the Hispanic world.

GRADE LEVEL	SEMESTER COURSE		After two years, students in Spanish 2 will comprehend many everyday phrases dealing with time, dates, places, professions,
9	YEAR COURSE		weather, travel, self and family. Students will recognize differences
-	UC/CSU APPROVED		in the present, past, and future tenses and make correct responses
10	WEIGHTED GRADE		within their vocabulary range. Students will understand stories and
11	•		other longer passages from the presented vocabulary. At the end
12	MAX CREDIT ALLOWED:	10	of the second year, students will have acquired a listenic comprehension vocabulary of more than 1,400 words. Studen will continue to study the culture of the Hispanic world.

SPANISH 3 (		,		In Spanish 3, students will continue to grow in language
GRADE LEVEL		SEMESTER COURSE		proficiency, fluency, and cultural understanding. They will learn
9		YEAR COURSE		new grammar structures and vocabulary and will improve their
	_	UC/CSU APPROVED		speaking proficiency by expressing themselves in a variety of
10		WEIGHTED GRADE		situations. There will be an increasing use of authentic material to
11				improve listening and reading comprehension. They will develop
12		MAX CREDIT ALLOWED:	10	writing skills allowing them to express their own ideas in Span
				Course Placement Recommendation: C Grade or Better in Spanish Level 2

#### **SPANISH 4 H (1440)**

GRADE LEVEL		SEMESTER COURSE YEAR COURSE		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
9				proficiency in all skill areas: listening, comprehension, speaking,
10		UC/CSU APPROVED WEIGHTED GRADE		use Spanish whenever possible in daily discussions and
11	-			conversations. Students will use more sophisticated vocabulary and speech patterns. They will continue to expand their awareness
12		MAX CREDIT ALLOWED:	10	of Hispanic culture.
				Course Placement Recommendation: B Grade or Better in Spanish Level 3

#### SPANISH LANGUAGE AP (1420)

GRADE LEVEL		SEMESTER COURSE		Spanish Language AP students will continue to develop language proficiency and fluency with a greater degree of sophistication and
9		YEAR COURSE		spontaneity. Students will be able to speak and to write at length
	_	UC/CSU APPROVED		about many topics, including their personal interests, opinions,
10		WEIGHTED GRADE		experiences, and be able to comprehend native speakers and
11				authentic materials in most situations. Students will continue to
12	-	MAX CREDIT ALLOWED:	10	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	SEMESTER COURSE		Spanish for Native Speakers 1 is designed for students who speak Spanish fluently and want to improve their reading, writing,
9	YEAR COURSE		listening and speaking skills in Spanish. Emphasis is placed on
-	UC/CSU APPROVED		composition, grammar, spelling and reading comprehension.
10	WEIGHTED GRADE		Students are introduced to the literature and culture of the Spanish
11	•		speaking world. The University of California considers this course to be the equivalent of 1 year of a foreign language.
12	MAX CREDIT ALLOWED:	10	to be the equivalent of 1 year of a foreign language.

SPANISH FO	RNA	TIVE SPEAKERS	2 (1	443)
<u>GRADE LEVEL</u> 9 10 11 12	:	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE 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
<b>SPANISH FO</b>	R NA	<b>TIVE SPEAKERS</b>	3 (1	444)
<u>GRADE LEVEL</u> 9 10 11 12		SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE 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

#### ADVANCED DRAWING AND PAINTING (1302)

<u>GRADE LEVEL</u> 9 10 11	SEMESTER COURSE  YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE	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
12	MAX CREDIT ALLOWED: 10	and past trends are studied as they relate to the various assignments.

#### ART HISTORY AP (1353)

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

### BAND ADVANCED (1336)

<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED:	□ ■ □	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
12	MAX CREDIT ALLOWED.	40	

BASS CHOIR	R (1340)		
GRADE LEVEL	SEMESTER COURSE		Bass Choir is devoted to the study and performance of music from various time periods and contrasting styles. Students acquire skills
9	■ YEAR COURSE		in reading music notation and develop ensemble techniques
10	UC/CSU APPROVED WEIGHTED GRADE		including posture, breath control, correct tone production and diction. Vocal technique addresses the needs of the developing
11	•		male voice in the lowest vocal part of an ensemble.
12	MAX CREDIT ALLOWED:	40	

			Ceramics is designed to give all students a meaningful introduction
GRADE LEVEL	SEMESTER COURSE		to the breadth and depth of the visual arts. Students will be
9	YEAR COURSE		provided with opportunities to articulate their thoughts artistical
0	UC/CSU APPROVED		verbally, and through writing. Acquisition of art knowledge and sk
10	WEIGHTED GRADE		in artistic perception will enable students to apply critical thinkin
11	•		and problem solving in an ongoing exploration of the subject of an
12	MAX CREDIT ALLOWED:	10	
	MAX CREDIT ALLOWED:	10	

#### CHAMBER ORCHESTRA (1363)

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

	OIR (1339)		Concert Choir singers are chosen according to ability, talent, and
GRADE LEVEL	SEMESTER COURSE		determination and expected to have a basic foundation in music
9	YEAR COURSE		singing, and theory. Following a part is one of the requirements
-	UC/CSU APPROVED		and a sense of rhythms and feeling of music are mandatory
10	WEIGHTED GRADE		Students gain an understanding of music they perform and at the
11			same time learn more about historical periods of music. Students
12	MAX CREDIT ALLOWED:	40	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	SEMESTER COURSE		Concert Orchestra is an ensemble devoted to the study and performance of music written for varying combinations of string
9	YEAR COURSE		instruments. Emphasis is on ensemble techniques that include
-	UC/CSU APPROVED		articulation, balance, bow technique, phrasing, expression, and
10	WEIGHTED GRADE		accompanying. Concerts typically include works for small groups
11	•		as well as those for full symphonic orchestra.
12	MAX CREDIT ALLOWED:	40	

DANCE EXP	LORATION (1331)		
GRADE LEVEL	SEMESTER COURSE		Dance Exploration is a studio workshop in contemporary dance trends emphasizing the basic movement principles of jazz,
9	YEAR COURSE	-	modern, and ballet. Performance opportunities available by audition.
10	UC/CSU APPROVED ■ WEIGHTED GRADE		
11	•		
12	■ MAX CREDIT ALLOWED:	40	

#### DIGITAL FILMMAKING (1371)

<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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)**

	11 12 MAX CREDIT ALLOWED: 40 Creative steps required for successful production.	<u>GRADE LEVEL</u> 9 10 11	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE	□ ■ □ 40	precedes any film or television project. A film is the product o creativity, writing, rewriting, collaboration, and more rewrites. Al students are expected to develop proficiency in each of the
Creative steps required for successful production.		-	WEIGHTED GRADE		
students are expected to develop proficiency in each of the creative steps required for successful production.	students are expected to develop proficiency in each of th	10			
WEIGHTED GRADE Creativity, writing, rewriting, collaboration, and more rewrites. All students are expected to develop proficiency in each of the creative steps required for successful production.	<sup>10</sup> WEIGHTED GRADE Creativity, writing, rewriting, collaboration, and more rewrites. A students are expected to develop proficiency in each of the	9	■ YEAR COURSE		is the study of the art of filmmaking and the creative process that
<ul> <li>YEAR COURSE</li> <li>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.</li> </ul>	<ul> <li>YEAR COURSE</li> <li>is the study of the art of filmmaking and the creative process that precedes any film or television project. A film is the product or creativity, writing, rewriting, collaboration, and more rewrites. A students are expected to develop proficiency in each of the students are expected.</li> </ul>	GRADE LEVEL	SEMESTER COURSE		

	Drama introduces the basics of acting technique, discipline, and stage movement through pantomime, improvisation, cuttings, and
EAR COURSE	scenes. An appreciation of dramatic literature is also developed
C/CSU APPROVED ■ EIGHTED GRADE □	through reading, writing critiques, listening, viewing of plays, and writing original scenes and monologues. Active participation is
	required.
AX CREDIT ALLOWED: 10	
E	EAR COURSE ■ C/CSU APPROVED ■ EIGHTED GRADE □

DRAMA WORKSHOP (1326)						
<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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)**

<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE	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	SEMESTER COURSE		Drawing and Painting is a yearlong course offering the opportunity to develop and expand abilities of observation, imagination, and
9	■ YEAR COURSE		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
10	UC/CSU APPROVED WEIGHTED GRADE		
11	•		assignments.
12	MAX CREDIT ALLOWED:	10	

#### **EXPLORATION OF ART (1361)** Exploration of Art fulfills prerequisite requirements for all present GRADE LEVEL SEMESTER COURSE advanced course offerings serving as an in-depth exploration of YEAR COURSE various visual art forms including drawing, painting, graphic 9 design, digital art, and sculpture. Designed to give all students UC/CSU APPROVED 10 independent of their artistic abilities and inclinations, a meaningful WEIGHTED GRADE П introduction to the breadth and depth of the subject of the visual 11 arts. Through guided hands-on experience that creates pertinent MAX CREDIT ALLOWED: 10 context, utilizing methods and materials of various visual art forms, 12 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		SEMESTER COURSE		Film Analysis enables the student to analyze, understand, and appreciate film. Students will critically view classic films and
9		YEAR COURSE		analyze them. Students will demonstrate understanding of the
10	_	UC/CSU APPROVED		elements of film by preparing a video project.
10	-	WEIGHTED GRADE		
11				
12		MAX CREDIT ALLOWED:	10	

#### **GRAPHIC DESIGN 1 (1155)**

<mark>GRADE LEVEL</mark> 9	SEMESTER COURSE	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
10 11 12	UC/CSU APPROVED ■ WEIGHTED GRADE □ MAX CREDIT ALLOWED: 10	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		SEMESTER COURSE		Graphic Design 2 is an advanced level course that further explores the artistic elements and principles of design via digital graphic
9		YEAR COURSE		applications within a real world context. The curriculum is
10	_	UC/CSU APPROVED		designed to enable students to meet the creative needs of "real"
10		WEIGHTED GRADE		clients. Projects will include building the design process skills
11				(research, planning, producing, critique and revisions) with such projects as promotions for plays, music events and dances.
12	•	MAX CREDIT ALLOWED:	10	

<b>GRAPHIC DE</b>	SIG	N 3 (1157)		
GRADE LEVEL		SEMESTER COURSE		Graphic Design 3 is an advanced level course that further explores the artistic elements and principles of design via digital graphic
9		YEAR COURSE UC/CSU APPROVED		applications within a real world context. The curriculum is designed to enable students to meet the creative needs of "real"
10		WEIGHTED GRADE		clients. Projects will include building the design process skills
11			proj	research, planning, producing, critique and revisions) with such projects as promotions for plays, music events and dances.
12		MAX CREDIT ALLOWED:	10	

#### **GUITAR (1365)**

GRADE LEVEL	SEMESTER COURSE		Guitar is an ensemble approach to the study and performance of music written for varying styles of guitar music. Emphasis is on
9	YEAR COURSE		reading chord charts and learning the basics of strum techniques,
0	UC/CSU APPROVED		with attention to the elements of classical guitar playing, including
10	WEIGHTED GRADE		note reading, articulation, phrasing, expression and accompanying
11	•		while singing.
12	MAX CREDIT ALLOWED:	40	
12	-		

INDEPENDE	NT F	ILM PROJECTS (1	372	
GRADE LEVEL		SEMESTER COURSE		Independent Film Projects is a one-year, advanced-level, CTE elective course that meets the UC "g" requirement for admission
9		YEAR COURSE UC/CSU APPROVED		into the UC system and builds on students' artistic design and writing skills by focusing on a variety of video production projects,
10		WEIGHTED GRADE		including documentaries, narratives, commercials, and music
11				videos. The course is intended for students planning to pursue a career or post-secondary major in film and video production. Major
12	•	MAX CREDIT ALLOWED:	40	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)

JALL ENSEN	BLE (1349)		Jazz Ensemble includes rehearsal and performance of literature
GRADE LEVEL	SEMESTER COURSE		written for large jazz ensemble with emphasis on methods and
9	■ YEAR COURSE		materials. Music will include works for small jazz combos. Course
10	UC/CSU APPROVED		provides a laboratory setting for student arrangers and composers.
10	WEIGHTED GRADE		
11			
12	MAX CREDIT ALLOWED:	40	

GRADE LEVEL	SEMESTER COURSE		Madrigals is a select ensemble devoted to the study and performance of music written for varying combinations of voca
9	■ YEAR COURSE UC/CSU APPROVED		ensembles. Emphasis on ensemble techniques including articulation, balance, phrasing and expression. Concerts typically
10	WEIGHTED GRADE		include works for small groups as well as those for full choirs.
11			
12	MAX CREDIT ALLOWED:	40	
			Course Placement Recommendation: Audition

MEDIA ARTS AND TECHNOLOGY (1339)						
GRADE LEVEL		edia Arts and Technology is an introductory course in desktop leo production (creating multimedia presentations using the				
9	YEAR COURSE CO	computer) and traditional video production. It incorporates speci				
-		chnology instruction, speakers, field trips, media viewing, and				
10		alysis. Both classes will focus on team building, creative				
11		oblem solving, embedded assessment, and critical analysis.				
12	■ MAX CREDIT ALLOWED: 10 and	Shared project skills include storyboarding and/or scripting, writir and presenting proposals, and giving and receiving critic feedback.				

## MEDIA ARTS AND TECHNOLOGY-ADVANCED (1356)

GRADE LEVEL	SEMESTER COURSE		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
9		-	both personal and community service-based projects. Personal
10	WEIGHTED GRADE		projects may include a video portfolio, projects for competition (i.e.,
11	•		National Student Film Institute), and multimedia work for other classes. Community service-based projects may include
12	MAX CREDIT ALLOWED:	10	promotional videos for organizations such as the Orange Cou Fire Department, school athletics and performance groups, a instructional videos for individual classroom teachers.
			Course Placement Recommendation: C Grade or Better in Media Arts & Technology

#### **MIXED CHORUS (1341)**

GRADE LEVEL	SEMESTER COURSE		Mixed Chorus is an ensemble devoted to the study and performance of music written for varying local ensembles.
9	■ YEAR COURSE UC/CSU APPROVED		Emphasis on ensemble techniques. No audition required.
10	WEIGHTED GRADE		
11 12	MAX CREDIT ALLOWED:	40	

PHOTOGRAP	PHY & DESIGN (1158)		
<mark>GRADE LEVEL</mark> 9 10	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE		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.
11 12	MAX CREDIT ALLOWED:	10	

STAGE BAND	(1337)
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GRADE LEVELSEMESTER COURSE9YEAR COURSE10UC/CSU APPROVED10WEIGHTED GRADE1112MAX 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.
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## STAGECRAFT (1327)

GRADE LEVEL		SEMESTER COURSE		Stagecraft is coordinated with Drama Workshop and Advanced Theatre Arts. Students study the technical organization of the
9		YEAR COURSE		theatre, learn the theory of designing, construction, painting,
10		UC/CSU APPROVED WEIGHTED GRADE		manufacturing, lighting stage settings, and gain practical experience through working with the staging of student theatrical productions.
11				
12	•	MAX CREDIT ALLOWED:	20	

STUDIO ART	' AP	(1358)		
GRADE LEVEL		SEMESTER COURSE		In Studio Arts AP, students create works of art that investigate formal and conceptual issues, bringing about an understanding of
9		YEAR COURSE		art-making as an ongoing process that involves informed and
10		UC/CSU APPROVED WEIGHTED GRADE		critical decision-making, and allow for the development of technical skills. Students complete a Drawing Portfolio, 2-D Design Portfolio
11				or 3-D Design Portfolio.
12	•	MAX CREDIT ALLOWED:	10	

SYMPHONIC	; BAND (1347)	
<u>GRADE LEVEL</u> 9 10	UC/CSU APPROVED WEIGHTED GRADE	<ul> <li>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.</li> </ul>
11 12	MAX CREDIT ALLOWED: 4	40
SYMPHONIC	ORCHESTRA (1364)	

contemporary works and original works by students.		<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED: 40	representative of standard orchestral interature as well as
		11	•	
accompanying. Concerts include works for the full ensemble		10	■ WEIGHTED GRADE □	
articulation, balance, phrasing, expression, bow technique and accompanying. Concerts include works for the full ensemble	articulation, balance, phrasing, expression, bow technique and	-	UC/CSU APPROVED	for orchestral string instruments. Students acquire skills in reading
WEIGHTED GRADE WEIGHTED GRADE MAX OPEDITALLOWED 10 WEIGHTED GRADE MAX OPEDITALLOWED 10 WEIGHTED GRADE MAX OPEDITALLOWED 10 MAX OPEDITALLOWED 10	<sup>10</sup> WEIGHTED GRADE <sup>11</sup> WEIGHTED GRADE <sup>11</sup> music notation and develop ensemble techniques including articulation, balance, phrasing, expression, bow technique and	9	YEAR COURSE	
UC/CSU APPROVED UC/CSU APPROVED WEIGHTED GRADE UC/CSU APPROVED UC/CSU APPROVED WEIGHTED GRADE UC/CSU APPROVED UC/CSU APPROVED WEIGHTED GRADE UC/CSU APPROVED UC/CSU APPROVED WEIGHTED GRADE UC/CSU APPROVED UC/CSU APPROVED UC	UC/CSU APPROVED WEIGHTED GRADE UC/CSU APPROVED WEIGHTED GRADE	GRADE LEVEL	SEMESTER COURSE	

#### THEATRE ARTS ADVANCED (1328)

GRADE LEVEL		SEMESTER COURSE		Theatre Arts is an advanced course in play production and will promote students' artistic abilities and dramatic skills through
9		YEAR COURSE		reading, writing, designing, budgeting, planning, and producing
	_	UC/CSU APPROVED		theatre. Students are expected to view and analyze professional
10		WEIGHTED GRADE		and student productions. Proficiency in the dramatic arts is
11				required as the class functions as acting/producing ensemble. In
12	-	MAX CREDIT ALLOWED:	40	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	SEMESTER COURSE	Treble Choir Advanced continues the study of choral singing techniques including posture, breath control, correct tone
9	YEAR COURSE	production, and pronunciation of vowels and consonants. This course begins a study of representative music from the
10 11	WEIGHTED GRADE	Renaissance and Baroque periods and continues with standard seasonal music.
12	■ MAX CREDIT ALLOWED: 40	

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## VISUAL ARTS STANDARD LEVEL IB (9320)

GRADE LEVEL	SEMESTER COURSE		Visual Arts Standard Level IB is designed for the visual arts student with creative and imaginative abilities or whose interest in art is
9	YEAR COURSE		mainly critical, cultural and historical. The course contains two
	UC/CSU APPROVED		compulsory parts: Studio Work and Research Workbooks. This
10	WEIGHTED GRADE		course will fulfill the assessments for the International
11			Baccalaureate (IB) Visual Arts Standard Level Subject. The content of the course aligns with the California Visual and
12	MAX CREDIT ALLOWED:	10	Performing Arts Content Standards and framework.

## VISUAL IMAGERY (1360)

GRADE LEVEL	SEMESTER COURSE		Visual Imagery is designed for the student interested in basic and advanced techniques in visual technology. Students will be taught
9	$\Box$ YEAR COURSE		traditional photography techniques and develop the ability to
	UC/CSU APPROVED		transfer those skills to the electronic media. The student will be
10	WEIGHTED GRADE		required to produce both digital images and video productions
11	•		using computers. Commercial aspects of the industry will
12	MAX CREDIT ALLOWED:	10	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)

	VIDLE (1340)	
<b>GRADE LEVEL</b> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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.

#### AP COMPUTER SCIENCE PRINCIPLES (1115P)

<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED:	<ul> <li>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.</li> </ul>

#### **AVID SENIOR SEMINAR (9301)**

GRADE LEVEL		SEMESTER COURSE		AVID Senior Seminar is designed for seniors who are college bound. While concurrently enrolled in a college-prep course of
9		YEAR COURSE		study, students learn strategies to enhance success. To ensure
-		UC/CSU APPROVED		success in college-prep course work, students work individually as
10		WEIGHTED GRADE		well as in tutor-led collaborative groups. Note taking, outlining,
11				writing, speaking, reading, test-taking strategies, and self- awareness are stressed. The course also includes college
12	•	MAX CREDIT ALLOWED:	10	motivational activities.

## COMPUTER INTEGRATED MANUFACTURING PLTW (1133)

GRADE LEVEL		SEMESTER COURSE		Computer Integrated Manufacturing (CIM) is a proposed course to be a part of the Project Lead the Way (PLTW) Engineering
9		YEAR COURSE		pathway. In this course, students will learn automated
40	_	UC/CSU APPROVED		manufacturing concepts by creating three-dimensional designs
10	-	WEIGHTED GRADE		with modeling software and producing models of their designs with
11				Computer Numerically Controlled (CNC) machine tools. Topics covered will include machine tool operation, industrial practices,
12		MAX CREDIT ALLOWED:	10	tool motion, and CNC programming, simulations, prototyping, robotics and manufacturing systems.

#### AP COMPUTER SCIENCE A (1115)

GRADE LEVEL	SEMESTER COURSE		AP Computer Science A is a one-year elective course. It is designed to: (1) develop an integrated mathematics and science
9			program that encourages students to explore and enhance
10	UC/CSU APPROVED WEIGHTED GRADE		creative talents, (2) challenge students to apply mathematics/science themes to real world opportunities to
11	•		discover and invent, and (3) allow students to realize the real world connection between school and career.
12	MAX CREDIT ALLOWED:	10	

## COMPUTER SCIENCE AND SOFTWARE ENGINEERING PLTW (1132)

GRADE LEVEL		SEMESTER COURSE YEAR COURSE		Computer Science and Software Engineering is a course that is designed to develop and foster computational thinking. This
9				course will provide a foundation in the field of computing and will
10		UC/CSU APPROVED WEIGHTED GRADE		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
11				
12	•	MAX CREDIT ALLOWED:	10	in a variety of languages, and will learn to identify patterns in data Students will collaborate to create and present solutions that ca improve people's lives, and weigh the ethical and societal issue of how computing and connectivity are changing the world. Othe topics will include code languages such as Scratch, Python, HTML and SQL, as well as cyber security and the impact and applicatio of computer science in a variety of fields.

#### ENGINEERING DESIGN AND DEVELOPMENT PLTW (1131)

GRADE LEVEL	SEMESTER COURSE		In this capstone course, students work in teams to design and develop an original solution to a valid open-ended technical
9	YEAR COURSE UC/CSU APPROVED		problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical
10	WEIGHTED GRADE		problem. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry
11	MAX CREDIT ALLOWED:	10	professionals who provide mentoring opportunities. Finally,
12	WWWWWWWWWWWWWWWWWWWWWWWWWWWWW	10	student teams present and defend their original solution to an outside panel.

#### COMPUTER SCIENCE CURRICULUM PLTW (1135)

GRADE LEVEL	SEMESTER COURSE		PLTW Computer Science A empowers students to become creators, instead of merely consumers, of the technology all
9	■ YEAR COURSE		around them. The program engages students in collaborative
10	UC/CSU APPROVED		projects that help them develop in-demand computer science
10	WEIGHTED GRADE		knowledge as well as transportable skills like creative thinking and
11	•		communication. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and
	MAX CREDIT ALLOWED:	10	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 DES	IGN 1 (1195)		Fachier Design 4 is an interductory second in clathing association
GRADE LEVEL	SEMESTER COURSE		Fashion Design 1 is an introductory course in clothing construction and fashion design. Projects will be adapted to each student's
9	▼ YEAR COURSE		ability and interest. Students will be taught safe practices and care
10	UC/CSU APPROVED		of sewing machines and equipment.
10	WEIGHTED GRADE		
11			
12	MAX CREDIT ALLOWED:	5	

## INTRODUCTION TO ENGINEERING DESIGN PLTW (1120)

GRADE LEVEL	SEMESTER COURSE		In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students
9	YEAR COURSE		will learn how to document their work and communicate solutions
-	UC/CSU APPROVED		to peers and members of the professional community. The major
10	WEIGHTED GRADE		focus of the IED course is to expose students to the design
11			process, research and analysis, teamwork, communication
12	MAX CREDIT ALLOWED:	10	methods, global and human impacts, engineering standards, and technical documentation.
			Course Placement Recommendation:

#### JOURNALISM 1 (1226)

9 Y 10 V 11 I	SEMESTER COURSE YEAR COURSE JC/CSU APPROVED VEIGHTED 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.
12 <b>■</b> <sup>N</sup>	NAX CREDIT ALLOWED:	10	

## JOURNALISM 2 (1215)

GRADE LEVEL		SEMESTER COURSE		Journalism 2 augments techniques learned in Journalism 1 through the experience of writing for the school newspaper.
9		YEAR COURSE		Students will play varied roles on the newspaper staff as reporters
-		UC/CSU APPROVED		and editors.
10		WEIGHTED GRADE		
11				
12	•	MAX CREDIT ALLOWED:	10	
				Course Placement Recommendation: Successful Completion of Journalism 1

JOURNALISI	JOURNALISM 3 (1216)						
GRADE LEVEL		SEMESTER COURSE		Journalism 3 augments techniques learned in Journalism 1 & 2 through the experience of writing for the school newspaper.			
9		YEAR COURSE		Students will play varied roles on the newspaper staff as reporters			
	_	UC/CSU APPROVED		and editors.			
10		WEIGHTED GRADE					
11							
12		MAX CREDIT ALLOWED:	10				
				Course Placement Recommendation: Successful Completion of Journalism 2			

JOURNALIS	<b>M 4</b> (	(1217)		
GRADE LEVEL		SEMESTER COURSE		Students of Journalism 4 augment techniques learned in Journalism 1, 2 & 3 through the experience of writing for the school
9		YEAR COURSE		newspaper. Students will play varied roles on the newspaper staff
10		UC/CSU APPROVED WEIGHTED GRADE		as reporters and editors.
11				
12		MAX CREDIT ALLOWED:	10	
				Course Placement Recommendation: Successful Completion of Journalism 3

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

GRADE LEVEL		SEMESTER COURSE		Students will study modern global issues and their correlation with world history. Students will actively participate in three
9		YEAR COURSE		intermediate level Model United Nations simulations,
10	-	UC/CSU APPROVED		demonstrating basic skills of diplomacy, group negotiation, formal
10	-	WEIGHTED GRADE		speaking and conflict negotiation. Students will learn the basics of committee procedure and protocol in preparation to assist in
11				running a committee simulation at the Tustin High MUN
12		MAX CREDIT ALLOWED:	10	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	SEMESTER COURSE		Students will study the effects and implications of modern and historic US foreign policy as well as related global issues.
9	YEAR COURSE UC/CSU APPROVED	-	Students will practice Advanced MUN conference strategies for various competition formats (including Western and European
10	WEIGHTED GRADE		style conferences). Students will develop committee topics, write topic synopses and function as a committee chair at the THSMUN
11		40	conference. While serving as mentors to the level I and II MUN
12	MAX CREDIT ALLOWED:	10	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		SEMESTER COURSE		Students will study and compare foreign government structures and policies as well as related global issues. In preparation of their
9		YEAR COURSE		Capstone Project, students will assemble their digital portfolio
10		UC/CSU APPROVED WEIGHTED GRADE	within the leadership academy. Students will demor	which serves as a retrospective on their achievements and growth within the leadership academy. Students will demonstrate mastery
11				of advanced MUN conference strategies for various competition
12	-	MAX CREDIT ALLOWED:	conference). Capstone students will carry out and manage previously planned Capstone service learning project	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

## PRINCIPLES OF ENGINEERING PLTW (1121)

	$12 \qquad \qquad \blacksquare \qquad MAX CREDIT ALLOWED: 10$	design to create solutions to various challenges	<u>GRADE LEVEL</u> 9 10 11 12	•	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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.
11 ■ design to create solutions to various challenges.	design to create solutions to various challenges		10				
10       WEIGHTED GRADE       problem-solving skills and apply their knowledge of research and design to create solutions to various challenges.         11       MAX CREDIT ALLOWED:       10	<sup>10</sup> ■ WEIGHTED GRADE □ problem-solving skills and apply their knowledge of research and design to create solutions to various challenges	10	9	-	UC/CSU APPROVED		
10       UC/CSU APPROVED       Ithe solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges.         11       MAX CREDIT ALLOWED: 10	<sup>10</sup> UC/CSU APPROVED <sup>10</sup> WEIGHTED GRADE the solution of engineering design problems. They develop <sup>10</sup> problem-solving skills and apply their knowledge of research and design to create solutions to various challenges	UC/CSU APPROVED <b>the solution of engineering design problems.</b> They develop	0	_	YEAR COURSE		
<ul> <li>YEAR COURSE</li> <li>UC/CSU APPROVED</li> <li>UC/CSU APPROVED</li> <li>WEIGHTED GRADE</li> <li>MAX CREDIT ALLOWED: 10</li> </ul>	<ul> <li>YEAR COURSE</li> <li>UC/CSU APPROVED</li> <li>WEIGHTED GRADE</li> <li>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</li> </ul>	9 YEAR COURSE UC/CSU APPROVED CONCepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop	GRADE LEVEL		SEMESTER COURSE		
GRADE LEVEL       SEMESTER COURSE         9       YEAR COURSE         UC/CSU APPROVED       Itech 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.         10       MAX CREDIT ALLOWED:       10	GRADE LEVEL       SEMESTER COURSE       tech careers and to develop skills and understanding or course         9       YEAR COURSE       concepts. Students employ engineering and scientific concepts in         10       UC/CSU APPROVED       the solution of engineering design problems. They develop         10       WEIGHTED GRADE       problem-solving skills and apply their knowledge of research and	GRADE LEVEL       SEMESTER COURSE         9       YEAR COURSE         UC/CSU APPROVED       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 develop and scientific concepts and the solution of engineering design problems. They develop and scientific concepts and the solution of engineering design problems. They develop develop and scientific concepts and the solution of engineering design problems. They develop and scientific concepts and the solution of engineering design problems. They develop and scientific concepts and the solution of engineering design problems. They develop and scientific concepts and the solution of engineering design problems. They develop and scientific concepts and the solution of engineering design problems. They develop and scientific concepts and the solution of engineering design problems.		-			<u>,</u> , ,

## ROBOTICS (1125)

9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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.

ART (1315)			
GRADE LEVEL	SEMESTER COURSE		The Art elective course provides students with the opportunity to experience and develop a basic understanding of art and crafts
9	■ YEAR COURSE UC/CSU APPROVED		fundamentals. This course incorporates basic elements of color, line, shape, form, texture; including drawing, ceramics, weaving
10	WEIGHTED GRADE		and fabric fundamentals.
11			
12	MAX CREDIT ALLOWED:	20	

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

GRADE LEVEL		SEMESTER COURSE	AVID is a course for students who are college bound. While concurrently enrolled in a college-prep course of study, students
9		YEAR COURSE	learn strategies to enhance success. To ensure success in
	_	UC/CSU APPROVED	college-prep course work, students work individually as well as in
10		WEIGHTED GRADE	tutor-led collaborative groups. Note taking, outlining, writing,
11			speaking, reading, test-taking strategies, and self-awareness are stressed. The course also includes college motivational activities.
12		MAX CREDIT ALLOWED:	Silessed. The course also includes college motivational activities.

#### AVID 10 (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) (9304)

GRADE LEVEL	SEMESTER COURSE		AVID is a course for students who are college bound. While concurrently enrolled in a college-prep course of study, students
9	YEAR COURSE     UC/CSU APPROVED		learn strategies to enhance success. To ensure success in college-prep course work, students work individually as well as in
10	■ WEIGHTED GRADE		tutor-led collaborative groups. Note taking, outlining, writing,
11		40	speaking, reading, test-taking strategies, and self-awareness are stressed. The course also includes college motivational activities.
12	MAX CREDIT ALLOWED:	10	

## AVID JUNIOR SEMINAR (9302)

GRADE LEVEL	SEMESTER COURSE		AVID Junior Seminar is designed as a two-year interdisciplinary course. This course is organized around the theme of "Leadership
9	YEAR COURSE		as a Catalyst for Change in Society." Students study, in depth,
10 11	UC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED:	□ □ 10	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
12			AVID Junior in 11 <sup>th</sup> grade and AVID Senior seminar in the 12 <sup>th</sup> grade.

GRADE LEVEL		DIO (1323) SEMESTER COURSE		Ceramics Studio incorporates basic elements of art (e.g., color, line, value, shape, form, texture, and space) in studio problems. It
9		YEAR COURSE	explores expanded techniques in media such as throwin	explores expanded techniques in media such as throwing, hand
10		UC/CSU APPROVED WEIGHTED GRADE		building, and sculpture and the creation of ceramic projects that explore the individual expression of the student.
11				
12	•	MAX CREDIT ALLOWED:	30	

#### CHILD GROWTH AND DEVELOPMENT (1184)

<mark>GRADE LEVEL</mark> 9 10		SEMESTER COURSE YEAR COURSE UC/CSU APPROVED		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.
11 12	•	WEIGHTED GRADE	5	

## COLOR GUARD (1338)

GRADE LEVEL		SEMESTER COURSE		Color Guard satisfies up to four semesters of the P.E. graduation requirement. This course is designed to give the
9		YEAR COURSE		P.E./Dance/Drill/Flag time to plan and prepare school support for
Ū.	_	UC/CSU APPROVED		the total athletic program and must follow the strands of P.E.
10		WEIGHTED GRADE		curriculum.
11				
12		MAX CREDIT ALLOWED:	40	

## COUNSELING AIDE (1013)

COUNSELIN	G AI	DE(1013)		
GRADE LEVEL		SEMESTER COURSE		Counselor Aides experience the opportunity, under the supervision of the counselors, of assisting in the counseling center with tasks
9		YEAR COURSE		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
10		UC/CSU APPROVED WEIGHTED GRADE		
11		WEIGHTED GRADE		
12		MAX CREDIT ALLOWED:	10	SEOPs, Career Days, College Day, etc. <b>PASS/FAIL</b> GRADING ONLY.

CULINARY ARTS 1A (1193)						
PREREQUISITE		SEMESTER COURSE		Culinary Arts 1A introduces the student to healthful eating habits		
		YEAR COURSE		and food preparation techniques. Kitchen activities include		
GRADE LEVEL		UC/CSU APPROVED		preparing, cooking, and evaluating a variety of recipes.		
9		WEIGHTED GRADE				
10						
11						
12		MAX CREDIT ALLOWED:	5			
GRADUATION SUBJECT AREA: X				PREREQUISITE: NONE		
CULINARY A	RT	S 1B (1194)				
				Culinary Arts 1B emphasizes the skills used in food preparation		
GRADE LEVEL		SEMESTER COURSE		Kitchen activities include: demonstrations, experiments, an		
_	_	YEAR COURSE		cooking a variety of cultural foods and dessorts		

			Kitchen activities include. demonstrations, experiments, and
9	YEAR COURSE		cooking a variety of cultural foods and desserts.
	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,
9	☐ YEAR COURSE		low cost cooking, kitchen planning, electronic and/or microwave
-	UC/CSU APPROVED		cooking, vegetarian meals, and holiday cooking. Thanksgiving
10	WEIGHTED GRADE		dinner and more advanced cake decorating are a part of Culinary
11			Arts 2A.
12	MAX CREDIT ALLOWED:	5	
			Course Placement Recommendation: Successful Completion of Culinary Arts 1B

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## 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
9	$\Box$ YEAR COURSE		areas of emphasis include: kitchen equipment, food
10	UC/CSU APPROVED		demonstrations, and trade and table appointments.
10	WEIGHTED GRADE		
11	•		
12	MAX CREDIT ALLOWED:	5	
			Course Placement Recommendation: Successful Completion of Culinary Arts 2A

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

GRADE LEVEL	SEMESTER COURSE		Earth Science is a standards-based study of the Earth and its place in the universe, dynamic processes, energy system, and structure,
9	YEAR COURSE		composition of the atmosphere, California geology, and
10	UC/CSU APPROVED WEIGHTED GRADE		investigation/experimentation. Includes introduction to Physical Sciences and Life Science and scientific processes.
11			
12	MAX CREDIT ALLOWED:	10	

ELD A	(1037)	
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	,			LDA features primerily on and language conviction with limited
GRADE LEVEL		SEMESTER COURSE		ELD A focuses primarily on oral language acquisition with limited reading and writing skill development. Basic vocabulary is
9		YEAR COURSE		introduced with emphasis on school and social scenarios.
		UC/CSU APPROVED		
10		WEIGHTED GRADE		
11				
12		MAX CREDIT ALLOWED:	10	
				Course Placement Recommendation: English Language Proficiency at the Beginning Level on the ELPAC

ELD B (1038)			
GRADE LEVEL	SEMESTER COURSE		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,
9	■ YEAR COURSE		students are recommended for English ELD Level C or grade
10	UC/CSU APPROVED		appropriate English.
10	WEIGHTED GRADE		
11			
12	■ MAX CREDIT ALLOWED:	10	
			Course Placement Recommendation: English Language Proficiency at the Beginning Level on the ELPAC

## ENGLISH SUPPORT (1045)

GRADE LEVEL	SEMESTER COURSE	<ul> <li>English Support is an elective course intended to provide</li> <li>supplemental English language arts support for students beyond</li> </ul>
9		□ their traditional English language arts class. The course will
10		<ul> <li>□ provide assistance for students in attaining grade level ELA</li> <li>□ Standards involving reading, comprehensive, writing and</li> </ul>
11	•	speaking.
12	MAX CREDIT ALLOWED: 1	0

<b>FASHION DE</b>	SIG	N 2 (1191)		
GRADE LEVEL		SEMESTER COURSE		Fashion Design 2 provides additional fashion challenges in clothing construction specifically for the student who can
9		YEAR COURSE		demonstrate advanced sewing skills learned in Fashion Design
10	_	UC/CSU APPROVED		1A/1B. Students will choose projects based on ability and interest.
10	-	WEIGHTED GRADE		
11				
12	•	MAX CREDIT ALLOWED:	20	
				Course Placement Recommendation: Fashion Design 1A and 1B

## GEOMETRY CC (1526)

GRADE LEVEL	SEMESTER COURSE		Geometry CC provides an alternative course of study in traditional high school geometry. It is designed to present most of the
9	□ YEAR COURSE UC/CSU APPROVED		geometric concepts presented in a formal geometry course but in an investigative and application-oriented format. This course de-
10 11	WEIGHTED GRADE		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
12	■ MAX CREDIT ALLOWED:	10	satisfies the minimum high school mathematics graduation requirement.

INDEPENDENT LIVING (1187)								
GRADE LEVEL		SEMESTER COURSE		Independent Living helps students explore a variety of skills which benefit independent living. Consumer rights and responsibilities,				
9		YEAR COURSE		interpersonal relationships, organizational skills, decision making,				
-		UC/CSU APPROVED		leadership, entrepreneurship, and employment are emphasized.				
10		WEIGHTED GRADE		Students prepare meals that are quick and healthy, design a				
11				personal living space, analyze their wardrobe, create a budget, and explore money management.				
12		MAX CREDIT ALLOWED:	5					

## **INTERIOR DESIGN (1185)**

GRADE LEVEL	SEMESTER COURSE		Interior Design includes a study of personal housing needs, the history of architecture, and the application of the elements and
9	YEAR COURSE		principles of design. Students design a personal living space as
10	UC/CSU APPROVED		their final project.
10	WEIGHTED GRADE		
11			
12	MAX CREDIT ALLOWED:	5	
			PREREQUISITE: NONE

JOURNALISN	l 1 (1214)		
<u>GRADE LEVEL</u> 9 10 11 12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED 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	P (1002)		
GRADE LEVEL	SEMESTER COURSE		The Leadership course is a study of the basic concepts of leadership skills. This course is required both semesters for any
9	■ YEAR COURSE		student holding an ASB position (elected positions, appointed
40	UC/CSU APPROVED		positions, or Class Council President/Vice-President).
10	WEIGHTED GRADE		
11	•		
12	MAX CREDIT ALLOWED:	40	
			Course Placement Recommendation: Application Election or Appointment to Associated Student Body Government

LIBRARY SE	RVICE 1A (1004)		
GRADE LEVEL	SEMESTER COURSE		In Library Service 1A, students will receive instruction and experience in the various library operations. Students electing this
9	■ YEAR COURSE		course are assigned to the library one period a day and are
10	UC/CSU APPROVED ■ WEIGHTED GRADE		expected to assume responsibility for the assigned tasks with a minimum of supervision.
11	•		
12	MAX CREDIT ALLOWED:	5	

LIBRARY SEF	RVICE 1B (1005)		
GRADE LEVEL	SEMESTER COURSE		In Library Service 1B, students will receive instruction and experience in the various library operations. Students electing this
9	YEAR COURSE		course are assigned to the library one period a day and are
	UC/CSU APPROVED		expected to assume responsibility for the assigned tasks with a
10	WEIGHTED GRADE		minimum of supervision.
11	•		
12	MAX CREDIT ALLOWED:	5	

LIBRARY SE	RVI	CE 2A (1006)		
GRADE LEVEL		SEMESTER COURSE		In Library Service 2A, students accept greater responsibility for library operations. Skills in checking of indexes, catalog card
9		YEAR COURSE		preparation, filing procedures, and general library control are
10		UC/CSU APPROVED		perfected. Specific organization of files, displays, vertical files, and reference magazine order is expected.
11				
12		MAX CREDIT ALLOWED:	5	

## LIBRARY SERVICE 2B (1007)

GRADE LEVEL		SEMESTER COURSE		In Library Service 2B, students accept greater responsibility for library operations. Skills in checking of indexes, catalog card
9		YEAR COURSE		preparation, filing procedures, and general library control are
		UC/CSU APPROVED		perfected. Specific organization of files, displays, vertical files, and
10		WEIGHTED GRADE		reference magazine order is expected.
11				
12	•	MAX CREDIT ALLOWED:	5	

## LIBRARY MEDIA SKILLS (1011)

GRADE LEVEL	SEMESTER COURSE		In Library Media Skills, students will have the opportunity to work in the library to assist with the operation and maintenance of the
9	YEAR COURSE		media center, dealing with students/teachers and materials in an
Ū	UC/CSU APPROVED		academic seating. Technology is prominent, so students will
10	WEIGHTED GRADE		develop computer skills. Successful completion of the course will
11			prepare students to access materials in other libraries and to apply for entry-level employment in a public library. <b>PASS/FAIL</b>
12	MAX CREDIT ALLOWED:	10	

## LIFE SCIENCE (LIFE SCIENCE) (1709)

GRADE LEVEL	SEMESTER COURSE		Life Science is designed to offer students the study of the basic principles and concepts of plant and animal life and their
9	☐ YEAR COURSE		relationships. The human body's structures and functions are
10	UC/CSU APPROVED WEIGHTED GRADE		emphasized as well as the cell. The course includes laboratory and self-discovery experiences to develop skill in the use of the scientific method.
11 12	MAX CREDIT ALLOWED:	10	

GRADE LEVEL	SEMESTER COURSE		Math Support is an elective course intended to provide supplemental support in mathematics for students beyond their
9	■ YEAR COURSE UC/CSU APPROVED		traditional algebra or geometry class. The course will provide assistance for students in attaining subject specific math
10	<ul> <li>WEIGHTED GRADE</li> </ul>		standards.
11	MAX CREDIT ALLOWED:	10	
12		10	

#### MARRIAGE AND FAMILY (1186)

GRADE LEVEL		SEMESTER COURSE		Marriage & Family explores all aspects of life: a positive self- concept, personality development, health, communication skills,
9		YEAR COURSE		mate selection, marriage, divorce, money management, and
	_	UC/CSU APPROVED		parental responsibilities.
10		WEIGHTED GRADE		
11				
12	•	MAX CREDIT ALLOWED:	5	

## MUSIC APPRECIATON (1345)

GRADE LEVEL	SEMESTER COURSE		Music Appreciation is aimed at helping students to value and appreciate music in their culture by understanding the elements of
9	YEAR COURSE		style and basic mechanics of music. While this is not an historical
-	UC/CSU APPROVED		survey class, music from many times and types will be studied as
10	WEIGHTED GRADE		well as the important performers and composers of past and
11			present. The uses of music in our society and their relation to other arts will also be explored.
12	MAX CREDIT ALLOWED:	5	

#### **OFFICE EXPERIENCE (1010)**

GRADE LEVEL	SEMESTER COURSE		Students enrolled in Office Experience are assigned to assist the front office with activities such as: organizing, sorting,
9	YEAR COURSE		alphabetizing, making copies, delivering call slips, answering
10	UC/CSU APPROVED WEIGHTED GRADE		phones, and other duties as assigned. Students are limited to four semesters of credit. <b>PASS/FAIL GRADING</b> ONLY.
11			
12	MAX CREDIT ALLOWED:	10	

## PEER TUTOR (1012)

	. ( 10	, , <u>~</u> ,		
GRADE LEVEL		SEMESTER COURSE		Peer Tutor will provide an opportunity for students to develop as student leaders. Peer Tutors are not merely Teacher Aides or
9		YEAR COURSE		students available to help students with individual problems. Peer
-	_	UC/CSU APPROVED		Tutors are teaching partners with the instructor and are given a
10		WEIGHTED GRADE		great deal of responsibility to collaborate with the teacher on
11				lesson presentations, and teaching strategies. <b>PASS/FAIL GRADING ONLY</b> .
12		MAX CREDIT ALLOWED:	10	
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## PHYSICAL SCIENCE (PHYSICAL SCIENCE) (1710)

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TEACHER A	IDE	P/F (1008)		
GRADE LEVEL		SEMESTER COURSE		Students enrolled in Teacher Aide P/F are assigned as teacher assistants in the classroom. The student assists in preparation of
9		YEAR COURSE		classroom materials. Students are limited to two semesters of
10		UC/CSU APPROVED WEIGHTED GRADE		credit. It is recommended that students have completed the class in which they will be assisting. <b>PASS/FAIL GRADING ONLY</b> .
11				
12	•	MAX CREDIT ALLOWED:	10	

WORK EXPE	RIE	NCE (1001)		
GRADE LEVEL		SEMESTER COURSE		The Work Experience course is designed for supervision of student part-time paid employment and to assist students acquire
9		YEAR COURSE		desirable work habits and attitudes in real jobs. The part-time job
-		UC/CSU APPROVED		need not be related to the student's occupational goals. Credits
10		WEIGHTED GRADE		available: 5 or 10 credits per semester for a maximum of 40 credits
11				toward graduation. Course requires employment of at least 8 hours a week for 5 credits; 16 hours a week for 10 credits. (Open to 10 <sup>th</sup>
12		MAX CREDIT ALLOWED:	40	Grade students if 16 years old)
				Course Placement Recommendation: Gainful Employment

YEARBOOK	YEARBOOK 1 (1218)							
<u>GRADE LEVEL</u> 9 10	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE		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 spatian of the yearbook					
11 12	MAX CREDIT ALLOWED:	10	staff member for a section of the yearbook.					

## YEARBOOK 2 (1219)

<u>GRADE LEVEL</u> 9 10		SEMESTER COURSE YEAR COURSE UC/CSU APPROVED		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
11 12	•	WEIGHTED GRADE	□ 30	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           10           11           12	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE MAX CREDIT ALLOWED: 40	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	-	SEMESTER COURSE		The P.E. Athletics Program is an organized program of athletic competition. Students enrolled in Athletics are required to
9		YEAR COURSE UC/CSU APPROVED		competitively participate in the sport of choice. No student will be enrolled in Athletics without a verification of residency, past/current
10	•	WEIGHTED GRADE		academic record, proof of insurance, a physical examination, and permission of the specific team coach.
11 12		MAX CREDIT ALLOWED:	40	<u>Note</u> : Maximum course credit for Physical Education and Athletics is a combined total of 40 units.

Fall Baseball/Conditioning Cross-Country Boys Cross-Country Girls Varsity Football Frosh/Soph Football Golf (Girls) Tennis Girls Volleyball Girls Water polo Boys	1629 1620 1621 1606 1608 1622 1612 1618 1624	<u>Winter</u> Basketball Girls Basketball Boys Soccer Boys Soccer Girls Water polo Girls Wrestling Boys Wrestling Girls	1603 1604 1609 1610 1649 1623 1657	Spring Baseball Football/Conditioning Golf (Boys) Softball Swimming Girls Swimming Boys Tennis Boys Track Boys Track Girls Volleyball Boys Basketball Girls Basketball Boys Lacrosse Boys Lacrosse Girls	1628 1605 1622 1617 1616 1615 1611 1613 1614 1619 1631 1632 1647 1648
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#### **INDIVIDUAL ACTIVITIES AND RACQUET SPORTS (1653)** Individual Activities and Racquet Sports is a course for students in GRADE LEVEL SEMESTER COURSE need of a lifelong fitness course not involved in athletics or YEAR COURSE marching band. This course will provide students with an 9 opportunity to explore and participate in a variety of individual UC/CSU APPROVED 10 activities and racquet sports. Units will include badminton, tennis, WEIGHTED GRADE pickle-ball and a variety of fitness oriented activities. Students will 11 also be expected to learn the history, strategy, and fundamental 40 MAX CREDIT ALLOWED: skills of each activity. 12

# Physical Education

LIFE FITNESS (1651)							
GRADE LEVEL	SEMESTER COURSE		Life Fitness is a course that will cover the State Physical Education Standards for ninth graders. Students will participate in a variety				
9	UC/CSU APPROVED		of team sports while working on concepts of sportsmanship and cooperation. In addition, this course will focus on fitness activities.				
10	■ WEIGHTED GRADE		This will better prepare students for the Fitness Gram test taken during the spring semester.				
11		40					
12	MAX CREDIT ALLOWED:	40					

#### PHYSICAL EDUCATION (1600F/1601S)

GRADE LEVEL 9 10	SEMESTER COURSE YEAR COURSE UC/CSU APPROVED WEIGHTED GRADE	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
10 11 12	WEIGHTED GRADE	
		(20 credits) of P.E. are required for graduation.

P.E./BAND (1	645)	
GRADE LEVEL	SEMESTER COURSE	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
9 10	UC/CSU APPROVED	course is designed to give the Marching Band time to plan and prepare school support for the total school program.
11	•	
12	MAX CREDIT ALLOWED: 40	

## P.E./DANCE (1646)

<u>GRADE LEVEL</u> 9 10	SEMESTER COURSE	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.
11 12	MAX CREDIT ALLOWED: 40	
12	-	

# Physical Education

P.E./PEP (164	4)		
GRADE LEVEL	SEMESTER COURSE		P.E./PEP coursework must follow the strands of P.E. curriculum and therefore student participation with the Pep Squad satisfies up
9	■ YEAR COURSE		to two years of the P.E. graduation requirement. The course is
10	UC/CSU APPROVED WEIGHTED GRADE		designed to give the Pep Squad time to plan and prepare school support for the total athletic program.
11	•		
12	MAX CREDIT ALLOWED:	40	

## STRENGTH AND CONDITIONING (1652)

GRADE LEVELSEMESTER COURSE9YEAR COURSE10UC/CSU APPROVED10WEIGHTED GRADE111212MAX 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.
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#### **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** 

#### 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

#### **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

#### **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 9 <sup>th</sup> 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.

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

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

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

Additional Elective (if desired)

#### NOTES:

Visual & Performing Arts

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.

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