

# **Folsom High School**

## **2025 - 2026**

### **Curriculum Guide**



**IMPORTANT:** For the most up-to-date information about FHS classes and school activities, please visit <https://fhs.fcusd.org/>

**FCUSD Non-Discrimination Statement:** The Governing Board is committed to providing equal opportunity for all individuals in education. The Folsom Cordova Unified School District prohibits discrimination, intimidation, harassment (including sexual harassment) or bullying based on a person's actual or perceived ancestry, color, disability, race or ethnicity, religion, gender, gender identity or gender expression, immigration status, national origin, sex, sexual orientation, or association with a person or group with one or more of these actual or perceived characteristics. The Board shall promote programs which ensure that discriminatory practices are eliminated in all District activities.

Revised: 1/18/2025

## **FHS GRADUATION and COLLEGE ENTRANCE REQUIREMENTS**

**California Community Colleges (Two-Year Associate Degrees, Vocational/Certificate Programs, Transfer Opportunities)** <https://www.cccco.edu/>

Admission requirements:

1. High school diploma
2. Eighteen years of age. Placement tests may be required in math and English.

**California State University System (Undergraduate and Graduate Degree Programs)** <https://www.calstate.edu/apply>

Admission requirements:

1. Complete the 15 unit “a-g” subject requirements with ‘C’ grades or higher.
2. Attain a minimum 2.0 grade point average in the approved “a-g” subjects.

**University of California System (Undergraduate and Graduate Degree Programs)** <https://www.universityofcalifornia.edu/>

Admission requirements:

1. Complete the 15 unit “a-g” subject requirements with ‘C’ grades or higher.
2. Attain a minimum 3.0 grade point average in the approved “a-g” subjects.

**Approved UC “a-g” High School Course List** <https://hs-articulation.ucop.edu/agcourselist>

Folsom High School courses that fulfill the UC/CSU subject requirements can be found online by entering “Folsom High School” at the above website.

**Private Colleges and Universities** <https://aiccu.edu/>

Students meeting the UC/CSU admission requirements generally will meet the admission requirements of many California and out-of-state private colleges and universities. Refer to the specific institution’s website and/or catalog for further details.

**CA Colleges** FCUSD partnered with CA Colleges. Each student has their own personal log in. Students may explore CA Colleges, career interests, majors and financial aid information. <https://www.californiacolleges.edu/#/>

<b>FCUSD High School Graduation Requirements</b>			<b>a-g CSU/UC College Entrance Requirements (Must complete courses with a “C” or better)</b>	
<b>Subject</b>	<b>Years</b>	<b>Required Credits</b>	<b>Subject</b>	<b>Years</b>
World Cultures	1 year	10 credits	a. Social Science (World History & U.S. History)	2 years
U.S. History	1 year	10 credits		
Government	1 semester	5 credits		
Economics	1 semester	5 credits		
English	4 years	40 credits	b. English	4 years
Integrated Math 1 & 2 required plus additional Math course	3 years	30 credits	c. Math (Int. Math 3 or equivalent)	3 years
Science (Life Science & Physical Science)	2 years	20 credits	d. Laboratory Science (Biology, Chemistry, Physics)	2 years 3 years recommended
Career Technical Education (CTE) or 3 <sup>rd</sup> year of Science	1 year	10 credits	e. World Language	2 years/Level 2 3 years recommended
Fine Art or World Language or CTE	1 year	10 credits	f. Visual & Performing Arts	1 year
Health	1 semester	5 credits	g. College Prep Elective	1 year
Physical Education	2 years	20 credits		
Electives		55 credits		
	<b>TOTAL:</b>	<b>220 credits</b>		

# Folsom High School Class Offerings for the 2025-2026 School Year

Classes in bold are approved for the University of California and California State University systems.

□ = NCAA Approved Course;; Δ = May earn college credit (ACE Credit); □ = UC/CSU Approval Pending; \*Grade in class is weighted

## **a. Social Science** (All Social Science Classes =□)

World Cultures  
AP European History \*  
U.S. History  
AP U.S. History \* Δ  
Economics (meets UC 'g' requirement)  
Government  
AP U.S. Government and Politics \*  
AP Human Geography \*

## **b. English** (All English Classes =□)

English 1, 2, 3, 4  
Honors English 1 (Pre-AP)  
Honors English 2 (Pre-AP)  
AP English Language & Composition \*  
AP English Literature & Composition \*  
CSU Expository Reading and Writing (ERWC)  
AP Seminar \*

## **c. Mathematics**

Integrated Math 1 □  
Integrated Math 2 □  
Integrated Math 3 □  
Financial Algebra □  
Statistics/Problem Solving □  
AP Statistics \* □  
Trigonometry □  
Pre-Calculus □  
Highlights of Calculus □  
AP Calculus AB \* □  
AP Calculus BC \* □  
AP Computer Science A \*  
Non a-g  
Integrated Math 1 Foundations  
Integrated Math 2 Foundations  
Integrated Math 3 Foundations  
**Personal and Business Finance (g elective only)**

## **d. Science** (All Science Classes =□)

**Biology: The Living Earth**  
**Chemistry in the Earth System**  
**Honors Chemistry in the Earth System \***  
**Physics in the Universe**  
**Honors Physics in the Universe**  
Forensics  
**Human Anatomy and Physiology**  
AP Biology \*  
AP Chemistry \*  
AP Physics I\*  
AP Physics C: Mechanics\* □  
AP Environmental Science \*

## **e. World Language** (All World Language Classes =□, 3,4, AP)

French 1, 2, 3, AP Lang Δ  
German 1, 2, 3, AP Lang Δ  
Spanish 1, 2, 3, Honors 4 \*, AP Lang \* Δ

## **f. Visual and Performing Arts**

Chamber Choir  
Concert Band  
Concert Choir  
Jazz Band  
Jazz Choir  
Orchestra  
Guitar  
Ceramics 1, 2  
Ceramics 3,4  
Drawing and Painting 1, 2, 3  
AP Drawing \*  
Digital Art 1, 2  
AP 2D Art and Design \*

## **f. Visual and Performing Arts Cont.**

Drama 1, 2, 3, 4  
Musical Theatre □  
Introduction to Technical Theater  
Technical Theater in Production  
Video Production 1  
Film as Visual Literature  
Advanced Drafting and Architecture

## **g. College Preparatory Electives**

Psychology/Sociology □  
AP Psychology \* □  
AP Research \*  
Speech and Debate 1, 2 Δ  
Ethnic Studies  
Humanities 1: Critical Thinking with a Global Perspective Δ  
Video Production 2  
Exploring Computer Science  
Computer Science and Programming  
Enriched Health Education (yearlong)  
Engineering Technology  
Advanced Engineering Technology\*  
Architectural Engineering \*  
Manufacturing and Product Design  
Advanced Manufacturing and Product Design  
Honors Manufacturing and Product Design \*  
Career Technical Education Internship (Work Experience)  
Patient Care I, II

## **Health Education**

Health Education (semester)  
Enriched Health Education (yearlong)

## **Physical Education** (All PE classes may be repeated for credit except Fitness 1)

Fitness 1  
Fitness 2- Team Activities  
Course 3- Weight Training  
Course 3- Sports Specific Training  
Course 4- Advanced Conditioning (Football)  
Course 4- Yoga

## **High School Electives**

Driver's Education  
Life Skills  
Yearbook  
ASB Government/Leadership  
English Language Development  
Teacher Assistant/Library/Office/Counseling  
Success 101  
Folsom Lake Community College Dual Enrollment

## **Career & Technical Education (CTE)**

**Digital Art 1, 2**  
**AP 2D Art and Design \***  
Computer Applications Δ  
**Exploring Computer Science**  
**Computer Science and Programming Δ**  
**AP Computer Science A \***  
**Engineering Technology Δ**  
**Advanced Engineering Technology \***  
**Architectural Engineering\***  
**Advanced Drafting and Architecture**  
**Video Production 1, 2**  
TV Production Δ  
**Manufacturing and Product Design**  
**Advanced Manufacturing and Product Design**  
**Honors Manufacturing and Product Design \***  
**Career Technical Education Internship (Work Experience)**  
**Patient Care I**  
Patient Care II □

## Course Key

<b>FHS Graduation Requirements:</b>	
EL	Elective
E	English
FA	Fine Arts
H	Health Education
M	Mathematics
PE	Physical Education
S	Science
SS	Social Science
CTE	Career & Technical Education
WL	World Language

<b>UC/CSU Requirements:</b>	
a	History/Social Science
b	English
c	Mathematics
d	Laboratory Science
e	Language Other than English
f	Visual & Performing Arts
g	College Prep Elective
□ = NCAA Approved Class	
Δ = May earn college credit	
* = Grade in class is weighted	

## Folsom High School Courses

### SOCIAL SCIENCE

**UC/CSU ELIGIBILITY “a” History/Social Science – 2 years required. A student must earn 20 credits and a grade of “C” or higher in approved history/social science courses. While Economics is needed for meeting high school graduation requirements for Social Studies, for UC Eligibility, it is included in the “g” requirement.**

<b>WORLD CULTURES</b>	Grade: 10	Meets requirements: SS/a /□
<p><b>Recommendation: None</b>            Students study major turning points and the rise of democratic ideas that shaped the modern world. Emphasis is placed on the history and changes that have taken place in Europe, Africa, Asia, and the Americas through revolution, industrialization, imperialism, world wars, and the Cold War to develop an understanding of the historical roots of current world issues today.</p>		
<b>AP EUROPEAN HISTORY*</b>	Grade: 10-12	Meets requirements: SS/EL/a/□
<p><b>Prerequisite: A or B in English and 3.0 overall GPA Recommended</b>            AP European History is a college-level course designed to prepare each student for the rigor of higher education and introduce the student to the complex political, social, intellectual, diplomatic, economic, and cultural developments of Europe from the 1450's to the present. This course follows the current outline prepared by the College Board and is designed to prepare students to take the Advanced Placement Exam. Students enrolled in AP European History are expected to take the exam.</p>		
<b>UNITED STATES HISTORY</b>	Grade: 11	Meets requirements: SS/a/□
<p><b>Recommendation: None</b>            Students study the significant events, people, movements, and ideas that have shaped America’s past and present. This course will trace the expansion and development of American democracy. The primary emphasis will be placed on the 20th century and on connecting the past with the present.</p>		

<b>AP UNITED STATES HISTORY*</b>	Grade: 11	Meets requirements: SS/a/□/Δ
<p><b>Prerequisite: A or B in Social Science and English; 3.0 College Prep GPA Recommended</b>  This course is a comprehensive, in-depth analysis of American history from colonial times to the present. It is a college-level class and demands that students read and understand complex resources. This course prepares students to pass the AP U.S. History exam.</p>		

<b>ECONOMICS</b>	Grade: 12	Meets requirements: SS/g/□(1 semester)
<p><b>Recommendation: None</b>  The major emphasis of this course is for students to gain an understanding of our economic system and to analyze the problems and issues that we and other economic systems face in a changing world.</p>		

<b>GOVERNMENT</b>	Grade: 12	Meets requirements: SS/g/□(1 semester)
<p><b>Recommendation: None</b>  This course is a study of the purposes, structures and problems of the federal, state, and local governments in the United States. Citizenship responsibilities and constitutional rights are examined. Current political events are studied.</p>		

<b>AP U.S. GOVERNMENT*</b>	Grade: 12	Meets requirements: SS/a/□(1 semester)
<p><b>Prerequisite: A or B in Previous Social Science/English course, 3.0 College Prep GPA Recommended</b>  Economics and AP U.S. Government and Politics are taught as a year-long course of study. Economics is a course that combines a required curriculum in micro, macro, and global economics with a more advanced level of study designed to prepare students for university level work and Advanced Placement. Students will deepen their understanding of the economic problems and institutions of the nation and the world in which they live. AP U.S. Government and Politics is an intensive study of the formal and informal structures of government and the processes of the American political system. The course is designed to introduce students to a college level government course while developing advanced skills in reading, writing, presenting verbal arguments, and reasoning and evaluating critically. This course prepares students to take the AP U.S. Government and Politics Exam.</p>		

<b>AP HUMAN GEOGRAPHY*</b>	Grade: 10-12	Meets requirements: EL/a/□
<p><b>Prerequisite: A or B in previous English and Social Science class; 3.0 College Prep GPA Recommended</b>  AP Human Geography is a year-long course that focuses on the distribution, processes, and effects of human population on the planet. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. In addition to learning the methods and tools geographers use in their science and practice, students will take part in internet activities, actively collaborate with classmates, and express ideas and opinions through class discussion during exploration of course topics.</p>		

## **ENGLISH**

**UC/CSU ELIGIBILITY “b” English –4 years required. A student must earn 40 credits and grades of “C” or higher in approved English courses.**

<b>ENGLISH 1</b>	Grade: 9	Meets requirements: E/b/□
<p><b>Recommendation: none</b>  This is the foundational course for high school English curriculum. A specific emphasis is placed upon the acquisition of grammar and usage skills, development of composition skills particularly related to the essay, and an introduction to literary analysis</p>		

<b>HONORS ENGLISH 1</b>	Grade: 9	Meets requirements: E/b/□
<p><b>Prerequisite: A or B in previous English course, highly recommended 8<sup>th</sup> grade or higher reading level</b>  This course is an in-depth study of argumentative writing and literary analysis with an emphasis on critical thinking and speaking skills in order to prepare students for future AP English courses. Honors English builds on students’ foundational writing skills, focusing more specifically on in-depth analysis as we explore a range of multicultural texts.</p>		

<b>ENGLISH 2</b>	Grade: 10	Meets requirements: E/b/□
<p><b>Recommendation: English 1</b>  This course builds upon the foundation of English 1. Specific emphasis is placed on higher levels of student performance with more common-core based, complex assignments in composition, analytical reading of varying genres of fiction and nonfiction, and in-depth discussion.</p>		
<b>HONORS ENGLISH 2</b>	Grade: 10	Meets requirements: E/b/□
<p><b>Prerequisite: A or B in previous English course, 3.0 GPA Recommended</b>  This course is an in-depth study of expository writing and literary analysis with an emphasis on critical thinking in order to prepare students to enter the AP program. Honors English 2 differs from English 2 in terms of student expectancies by the breadth, pace, and complexity of material covered.</p>		
<b>ENGLISH 3</b>	Grade: 11	Meets requirements: E/b/□
<p><b>Recommendation: English 2</b>  This course provides students with the skills needed to express ideas orally and in writing, using clear and precise prose. The aim of English 3 is to develop knowledge of and an appreciation for American literature through analysis of the ideas embedded in works of both fiction and non-fiction.</p>		
<b>AP ENGLISH LANGUAGE &amp; COMPOSITION*</b>	Grade: 11	Meets requirements: E/b/□
<p><b>Prerequisite: A or B in previous English course, 3.0 College Prep GPA Recommended</b>  This junior-level course is designed to enhance students' skills as readers of prose while analyzing language written in a variety of periods, disciplines, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. The course differs from English 3 in terms of student expectancies by the breadth, pacing, and complexity of material. Students will be required to write extensively in preparation for the AP exam in May, which students are expected to take.</p>		
<b>ENGLISH 4</b>	Grade: 12	Meets requirements: E/b/□
<p><b>Recommendation: English 3</b>  This senior-level English course focuses on preparing students for college and career reading, writing, speaking, and listening with an extensive review of all modes of essay, professional, and research writing. Through their study and critical analysis of literature, students will also develop a knowledge of and an appreciation for British, classical, and contemporary literature.</p>		
<b>CSU EXPOSITORY READING &amp; WRITING (ERWC)</b>	Grade: 12	Meets requirements: E/b/□
<p><b>Recommendation: English 3</b>  The goal of the Expository Reading and Writing Course is to prepare students for the literacy demands of higher education. Through a sequence of instructional modules, students in this yearlong, rhetoric-based course develop proficiency in expository, analytical, and argumentative reading and writing. Instruction focuses upon helping students read, comprehend, and respond to nonfiction and literary texts as well as understanding and applying research methods and documentation conventions. Written assessments and holistic scoring guides conclude each unit. Students who pass with a C or better are eligible for the first level of required English at all twenty-three CSUs and most community colleges.</p>		
<b>AP ENGLISH LITERATURE &amp; COMPOSITION*</b>	Grade: 12	Meets requirements: E/b/□
<p><b>Prerequisite: A or B in previous English course, 3.0 College Prep GPA Recommended</b>  In AP Literature and Composition, students read major literary works—novels, plays, short stories, poetry—and write critical expository essays analyzing and examining them. Students will write multiple essays of varying scope per semester and will be expected to participate in the AP exam in May. This class differs from English 4 in terms of student expectancies by the breadth, pace, and complexity of material covered. This course requires summer reading and writing assignments.</p>		

AP SEMINAR*	Grade: 10-12	Meets requirements: E/b
<p><b>Recommendation: 3.0 College Prep GPA</b></p> <p>AP Seminar is the Recommendation to an innovative diploma program (AP Capstone) from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses, AP Seminar and AP Research, and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources to develop credible and valid evidence-based arguments. Students in pathways as well as all students taking AP courses will benefit from these skills</p>		

## MATHEMATICS

UC/CSU Requirement “c” 3 Years Required / 4 Years Recommended (Including Integrated Math 1, Integrated Math 2, and Integrated Math 3)

INTEGRATED MATH 1	Grades: 9-12	Meets requirements: M/c/□
<p><b>Prerequisite: “C or higher” in previous course</b></p> <p>Math 1 is an integrated math course designed to formalize and extend the mathematics that students learned in the middle grades. The standards are based on the Common Core State Standards for Mathematics and include topics from the conceptual categories: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Instructional time will focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; and (6) apply the Pythagorean Theorem to the coordinate plane.</p>		

INTEGRATED MATH 2	Grades: 9-12	Meets requirements: M/c/□
<p><b>Prerequisite: “C or higher” in Integrated Math 1, “B” recommended</b></p> <p>Integrated Math 2 is designed to extend the mathematics that students learned in Integrated Math 1 to the family of quadratic expressions, equations, and functions. The standards are based on the Common Core State Standards for Mathematics and include topics from the conceptual categories: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Instructional time will focus on five critical areas: (1) extend the laws of exponents to rational exponents; (2) compare key characteristics of quadratic functions with those of linear and exponential functions; (3) create and solve equations and inequalities involving linear, exponential, and quadratic expressions; (4) extend work with probability; and (5) establish criteria for similarity of triangles based on dilations and proportional reasoning.</p>		

INTEGRATED MATH 3	Grades: 9-12	Meets requirements: M/c/□
<p><b>Prerequisite: “C or higher” in Integrated Math 2, “B” recommended</b></p> <p>Integrated Math 3 is designed to extend and apply the mathematics learned in previous math courses. The standards are based on the Common Core State Standards for Mathematics and include topics from the conceptual categories: Number and Quantity, Algebra, Functions, Geometry, and Statistics and Probability. Instructional time will focus on four critical areas: (1) apply methods from probability and statistics to draw inferences and conclusions from data; (2) expand understanding of functions to include polynomial, rational, and radical functions; (3) expand right triangle trigonometry to include general triangles; and (4) consolidate functions and geometry to create models and solve contextual problems.</p>		

FINANCIAL ALGEBRA	Grades: 11-12	Meets requirements: M/c/□
<p><b>Prerequisite: “C or higher” in Integrated Math 2</b></p> <p>Financial Algebra with Financial Applications is a college-preparatory course that will use sophisticated mathematics to give you the tools to become a financially responsible young adult. The course employs algebra, probability and statistics, and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, and budgeting and planning for retirement are solved by applying the relevant mathematics. Applied projects on these topics are a key component of the course.</p>		

<b>STATISTICS / PROBABILITY &amp; PROBLEM SOLVING</b>	Grades: 11-12	Meets requirements: M/EL/c/□
<p><b>Prerequisite: “C or higher” in Integrated Math 3</b>  This is an alternative math course for juniors and seniors who have taken Algebra 2/ Integrated Math 3 and who neither wish nor need to take pre-calculus, or who have taken pre-calculus and do not wish to take college-level calculus. While calculus is needed for the hard sciences, engineering and medical fields, statistics/probability and problem solving is an appropriate and needed course for many other fields of study such as business, biology, sociology, and health fields not requiring Calculus.</p>		
<b>AP STATISTICS *</b>	Grades: 11-12	Meets requirements: M/EL/c
<p><b>Prerequisite: “A or B” in Integrated Math 3 and English, 3.0 GPA Recommended</b>  The topics of AP Statistics are divided into four major themes: exploratory analysis, planning and conducting a study, probability, and statistical inference. Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departure from patterns. Probability is the tool used for anticipating what the distribution of data should look like under a given model. Statistical inference techniques include confidence intervals and a variety of hypothesis test techniques. Written and oral presentations of data and findings are an integral part of the course. Students are encouraged to take the Statistics Advanced Placement exam.</p>		
<b>TRIGONOMETRY</b>	Grades: 9-12	Meets requirements: M/EL/c/□
<p><b>Prerequisite: “C or higher” in Integrated Math 3</b>  In this course, students will expand on the basic trigonometry learned in Geometry in preparation for the study of calculus. Topics covered will include trigonometric functions and their graphs, inverse trigonometric functions, right and oblique triangles, identities, complex numbers, and polar graphs. In addition, students will complete a unit on Probability and Statistics. At the end of the course, students will have completed all the state standards for Trigonometry and Probability and Statistics.</p>		
<b>PRE-CALCULUS</b>	Grades: 10-12	Meets requirements: M/EL/c/□
<p><b>Prerequisite: “C or higher” in Integrated Math 3, “B” recommended</b>  Pre-calculus covers topics such as solving and graphing polynomial, rational, radical, exponential, and logarithmic functions. Additional topics include graphing, proving identities, solving equations, solving triangles, determining the area of a triangle, working with the polar form of complex numbers, and solving problems involving vectors. Students will become familiar with conic sections, permutation, combinations, parametric equations, systems of equations and their solutions by matrices and determinants, sequences and series, and some topics from probability and statistics.</p>		
<b>HIGHLIGHTS OF CALCULUS</b>	Grades: 11-12	Meets requirements: M/EL/c/∩
<p><b>Prerequisite: “C or lower” in Pre-calculus</b>  This course will cover the basic concepts of calculus while maintaining a continual emphasis on algebra and trigonometry. The standards are based on Common Core Standards for Mathematics and include concepts from the conceptual categories: Algebra, Functions, and Geometry. Instructional time will focus on four critical areas: (1) expand understanding of functions to include polynomial, rational, radical, trigonometric, exponential, and logarithmic; (2) a comprehensive, detailed review of concepts from Integrated Math 1 (formerly Algebra 1) and Integrated Math 2 (formerly Algebra 2); (3) a comprehensive, detailed review of trigonometric concepts; (4) application of algebraic and trigonometric skills to the solution of calculus-based problems involving derivatives and antiderivatives.</p>		
<b>AP CALCULUS AB *</b>	Grades: 11-12	Meets requirements: M/EL/c/∩
<p><b>Prerequisite: “B or higher” in Precalculus</b>  The course is divided into differential and integral calculus. Students study instantaneous rates of change with specific applications in problems of motion, growth, and optimization. The student learns how to determine limits and derivatives of functions. Students acquire skills in the use of graphic calculators and demonstrate familiarity with various theorems, including the Mean Value Theorem. In integral calculus, the student learns techniques for finding areas, volumes, and center of mass. The course includes units on integration techniques, infinite series, and polar integration. Students are encouraged to take the Calculus AB Advanced Placement exam.</p>		

<b>AP CALCULUS BC *</b>	Grades:12	Meets requirements: M/EL/c/Υ
<p><b>Prerequisite: “B or higher” in AP Calculus AB</b>  This course is a continuation of the Advanced Placement (AP) Calculus AB course and is comparable to a second semester calculus course in colleges and universities. Each student will complete a simulated AP exam in early May, which will be counted as approximately 25% of the final exam for the course. The course will include techniques of integration, improper integrals, indeterminate forms, multiple integration, applications of integration, infinite series, parametric equations, polar integration, differential equations, and applications of hyperbolic functions.</p>		

**MEETS HIGH SCHOOL MATH GRADUATION REQUIREMENTS (does not meet “c” requirement for college admissions)**

<b>PERSONAL AND BUSINESS FINANCE</b>	Grades:11- 12	Meets requirements: M/EL/g
<p><b>Prerequisite: Pass Integrated 1 and Integrated 2 with “D” or better</b>  This course is designed to help students develop business and mathematical reasoning skills necessary for personal finance, consumer, and career situations. Emphasis is on using mathematical methodologies to influence financial decision making both on the job and in everyday life. This course will draw upon student experience bridging real-world relevance with mathematical and business concepts.</p>		

<b>INTEGRATED MATH 1 FOUNDATIONS</b>	Grade: 9	Meets requirements: M
<p><b>Prerequisite: “D” or lower in middle school math</b>  This is a non-college prep course designed to build the concepts and skills not mastered in middle school. Instructional time focuses on the following topics from the Common Core State Standards for Mathematics: ratios and proportional reasoning, operations with rational numbers, linear expressions and equations, linear systems, functions, geometric transformations, and the Pythagorean Theorem. After successful completion of this course, students can enroll in Integrated Math 1.</p>		

<b>INTEGRATED MATH 2 FOUNDATIONS</b>	Grade: 10	Meets Requirements M/EL
<p><b>Prerequisite: “D” or better in Integrated Math 1</b>  This is a non-college prep course designed for students who have passed Integrated Math 1 but may not be ready for the rigor of Integrated Math 2. The course is structured around problems and investigations that build spatial visualization skills, conceptual understanding of geometry topics, and an awareness of connections between different ideas. Students are encouraged to investigate and conjecture to develop their reasoning skills. Lessons are structured for students to collaborate actively by working collaboratively with peers. The course will focus on the foundational geometry standards that students will learn in Integrated Math 2 without engaging in formal proofs. The big ideas of the course are presented in an integrated algebra/geometry context. (www.cpm.org)</p>		

<b>INTEGRATED MATH 3 FOUNDATIONS</b>	Grades: 10-12	Meets requirements: M/EL
<p><b>Prerequisite: Integrated Math 1 and Integrated Math 2</b>  This course is a non-college prep option for students who want to strengthen their Algebra and Geometry skills prior to taking more advanced math classes such as Integrated Math 3 and Pre-Calculus. One of the goals of this course is to train students to think mathematically. This course surveys a variety of math topics of interest to students including statistics, formal logic, set theory, historical number systems, and topics from consumer math in addition to a number of state algebra, geometry, and statistics and probability standards.</p>		

**SCIENCE**

UC/CSU Requirement “d” 2 Years Required / 3 Years Recommended (Chosen from Biology, Chemistry, and Physics)

<b>BIOLOGY: THE LIVING EARTH</b>	Grades: 9	Meets requirements: S/ d/□
<p><b>Prerequisite: Concurrently enrolled in Integrated Math Foundations 1 or Integrated Math 1</b>  Biology is the first course in the California Next Generation Science Standards (CA NGSS) Three Course Model and includes the Disciplinary Core Ideas related to <u>Life Science</u> and integrates a selection of the Earth and Space Science concepts. This course also incorporates the eight Science and Engineering Practices and seven Crosscutting Concepts related to the NGSS. In this course, students will explore concepts related to the interactions within ecosystems, energy dynamics, photosynthesis and cellular respiration, history of the earth’s atmosphere, natural selection, inheritance of traits, structure and function of organisms, system stability and response to change. Students should learn an appreciation for all living things and the critical importance of maintaining the delicate balance required for all living things to interact and live successfully. This course meets the UC, Subject “d” Biology Lab Science requirement and the FCUSD graduation requirement for Life Science.</p>		

<b>CHEMISTRY IN THE EARTH SYSTEM</b>	Grades: 10-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: Biology and enrolled in Integrated Math Foundations 1 or Integrated Math 1</b>  Chemistry in the Earth System is a course in the California Next Generation Science Standards (CA NGSS) Three Course Model and includes Disciplinary Core Ideas related to <b>Physical Science</b> and integrates a selection of the Earth and Space Science concepts. This course also incorporates the eight Science and Engineering Practices and seven Crosscutting Concepts related to the NGSS. In this course, students will explore the structure and properties of matter, conservation and transfer of energy, chemical reactions and processes in everyday life, nuclear processes, and chemical changes in Earth systems. Engineering Core Ideas are used to explore applications of chemistry concepts. Students apply algebraic processes to describe and predict phenomena.</p>		

<b>HONORS CHEMISTRY IN THE EARTH SYSTEM *</b>	Grades: 10-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: Biology and Integrated Math 2 with B or better, 3.0 College Prep GPA Recommended</b>  Honors Chemistry is one of three courses in the CA NGSS Three Course Model and integrates the Science and Engineering Practices, Crosscutting Concepts, and Disciplinary Core Ideas. Core ideas include structure and properties of matter, conservation and transfer of energy, chemical reactions and processes in everyday life, nuclear processes and chemical changes in Earth systems. Engineering Core Ideas are used to explore applications of chemistry concepts. Students apply advanced algebraic processes to describe and predict phenomena. This course meets the UC, Subject “d” Chemistry Lab Science requirement and the FCUSD graduation requirement for Physical Science. This course is recommended for college-bound students that plan to major in science.</p>		

<b>PHYSICS IN THE UNIVERSE</b>	Grades: 10-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: Biology and enrolled in Integrated Math Foundations 1 or Integrated Math 1</b>  Physics in the Universe is a course in the California Next Generation Science Standards (CA NGSS) Three Course Model and includes the Disciplinary Core Ideas related to <b>Physical Science</b> and integrates a selection of the Earth and Space Science concepts. This course also incorporates the eight Science and Engineering Practices and seven Crosscutting Concepts related to the NGSS. In this course, students will explore the following core ideas: forces and motion, energy transfers and conservation, the properties of waves, and the electromagnetic spectrum, and use these ideas to understand the processes that shape earth and space systems. Engineering Core Ideas are used to explore applications of Physics concepts.</p>		

<b>FORENSICS</b>	Grades: 11-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: Successful completion of Biology and a Physical Science and Integrated Math 1 with “C” or better</b>  Forensics is a third year of college-prep laboratory science for students that are college bound and/or interested in the field of forensics. This class will introduce students to the fields of forensic science and provide a general overview of the forensic sciences. Students will participate in many qualitative hands-on labs and simulations that develop the practical and theoretical aspects of forensics. This class will integrate previous science courses and demonstrate to the student the relevance of science education for practical use. This course is interdisciplinary and thus meets the UC Subject “d” Physics, Biology, or Chemistry Lab Science requirement. This course does not fulfill either of the first two years of science required to graduate from FCUSD.</p>		

<b>HUMAN ANATOMY AND PHYSIOLOGY</b>	Grades: 10-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: Successful completion of Integrated Math 1 and Biology with C or better, and concurrently enrolled in, or completion of, Physical Science (Chemistry or Physics)</b>  Human Anatomy and Physiology is a third year of college-prep laboratory science for students interested in pursuing a career in either the medical, health, or fitness related field. The course will focus on the integration of structure and function of the body systems needed to maintain homeostasis. It will integrate topics related to health and fitness such as nutrition, exercise, and kinesiology. It will also integrate specific topics related to the medical field. The course will require microscopy work as well as laboratory work. Students will gain experience with a variety of clinical practices. This course meets the UC Subject “d” Biology Lab Science requirement but does not fulfill either of the first two years of science required to graduate.</p>		

<b>AP BIOLOGY*</b>	Grades: 11-12	Meets requirements: S/EL/d/□
<p><b>Prerequisites: “B” in Biology, Chemistry, and Integrated Math 2, 3.0 College Prep GPA Recommended</b>  This course is equivalent to a college introductory biology course usually taken by biology majors. Essential concepts include a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. Topics include molecules and cells, energy and metabolism, heredity and evolution, and organisms and populations. This course prepares students for the AP Biology exam and meets the UC Subject “d” Biology Lab Science requirement.</p>		

<b>AP CHEMISTRY*</b>	Grades: 11-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: “B” in Biology and Honors Chemistry (or Chemistry w/ teacher recommendation) and Integrated Math 3, 3.0 College Prep GPA Recommended</b></p> <p>AP Chemistry is equivalent to a college Chemistry 1A course. It is designed strictly for advanced or gifted students who wish the opportunity to gain college credit for courses while in high school. The course applies advanced algebra to chemical principles. The course not only stresses the theoretical aspects of qualitative and quantitative chemistry but also emphasizes laboratory practices applying the theory. This course prepares students for the AP Chemistry exam and meets the UC Subject “d” Chemistry Lab Science requirement.</p>		

<b>AP PHYSICS 1*</b>	Grades: 11-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: “B” in Integrated Math 3 or concurrently enrolled and "B" in Biology;</b>  <b>Recommended: Completion of Honors Chemistry or Chemistry, Concurrent in PreCalculus and 3.0 College Prep GPA</b></p> <p>AP Physics 1 is equivalent to an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; momentum, oscillations, and fluid dynamics. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world. This course prepares students for the AP Physics 1 exam and meets the UC Subject “d” Physics Lab Science requirement.</p>		

<b>AP PHYSICS C: Mechanics *</b>	Grades: 11-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: “B” in Precalculus, concurrently enrolled in Calculus, and "B" in Biology;</b>  <b>Recommendation: 3.0 College Prep GPA and completion of a Physical Science Class</b></p> <p>AP Physics C: Mechanics is a Calculus-based introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students build their understanding of physical models as they explore and solve problems in topics such as Kinematics, Forces and Translational Dynamics, Work, Energy, and Power, Linear Momentum, Torque and Rotational Dynamics, Energy and Momentum of Rotating Systems, and Oscillations. The course is based on six Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world. This course prepares students for the AP Physics C: Mechanics exam and meets the UC Subject “d” Physics Lab Science requirement.</p>		

<b>AP ENVIRONMENTAL SCIENCE*</b>	Grades: 11-12	Meets requirements: S/EL/d/□
<p><b>Prerequisite: “B” in Biology and a Physical Science and Integrated Math 1, concurrent enrollment in Integrated Math 2 or higher, 3.0 College Prep GPA Recommended</b></p> <p>The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study, and thus meets the UC Subject “d” Physics, Biology, or Chemistry Lab Science requirement. This course prepares students to pass the AP Environmental Science exam.</p>		

## **WORLD LANGUAGE**

UC/CSU Requirement “e” 2 Years Required / 3 Years Recommended

<b>FRENCH 1</b>	Grades: 9-12	Meets requirements: WL/e/□
<p><b>Prerequisite: “C” in English, “B” in previous grade of English recommended</b></p> <p>This course provides an introduction to the French language and culture using the immersion method of instruction. Students learn basic grammar and vocabulary application through listening, speaking, reading, and writing.</p>		

<b>FRENCH 2</b>	Grades: 9-12	Meets requirements: WL/e/□
<p><b>Prerequisite: “C” in French 1</b></p> <p>This course offers continued study of the French language and culture using the immersion method of instruction. Students continue to develop their skills in grammar and vocabulary application through listening, speaking, reading, and writing. Students will be held accountable for increased self-directed learning.</p>		

<b>FRENCH 3</b>	Grades: 10-12	Meets requirements: WL/e/□
<p><b>Prerequisite: “C” in French 2</b>  This course is designed to give students advanced level instruction in the French language using the immersion method of instruction. Emphasis is on oral and written proficiency. Students will be held accountable for increased self-directed learning. Taking a third year of language may exempt you from the language requirement at some of the CSU campuses. This course is a CSUS ACE (Accelerated College Entrance) approved course. Juniors and seniors may earn college credit from the California State University system and may transfer credits to other colleges or universities.</p>		
<b>AP FRENCH LANGUAGE*</b>	Grades: 11-12	Meets requirements: WL/e/□
<p><b>Prerequisite: “C” in French 3</b>  This course follows the curriculum adopted by the Advanced Placement Program. The course is a rigorous study of advanced French in order to prepare students to take the AP French Language examination in May. Throughout the academic year, students will engage in immersive language experiences that encompass listening, speaking, reading, and writing. Emphasis is placed on developing advanced communication skills through authentic and complex tasks. Students will explore a variety of literary and cultural texts, including music, short stories, poems, films and articles, allowing them to gain a deeper appreciation for the diversity and richness of the French-speaking world. This course is a CSUS ACE (Accelerated College Entrance) approved course. Juniors and seniors may earn college credit from the California State University system and may transfer credits to other colleges or universities.</p>		
<b>GERMAN 1</b>	Grades: 9-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in English required, “B” in previous grade of English recommended</b>  This course provides an introduction to the German language and culture using the total immersion method of instruction. Students learn basic grammar and vocabulary application through listening, speaking, reading and writing.</p>		
<b>GERMAN 2</b>	Grades: 9-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in German 1</b>  This course offers continued study of the German language and culture using the immersion method of instruction. Students continue to develop their skills in grammar and vocabulary application through listening, speaking, reading, and writing. Students will be held accountable for increased self-directed learning.</p>		
<b>GERMAN 3</b>	Grades: 10-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in German 2</b>  This course is designed to give students advanced level instruction in the German language using the immersion method of instruction. Emphasis is on oral and written proficiency. Students will be held accountable for increased self-directed learning. Taking a third year of language may exempt you from the language requirement at some of the CSU campuses. This course is a CSUS ACE (Accelerated College Entrance) approved course. Juniors and seniors may earn college credit from the California State University system and may transfer credits to other colleges or universities.</p>		
<b>AP GERMAN LANGUAGE *</b>	Grades: 11-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in German 3</b>  This course follows the curriculum adopted by the Advanced Placement Program. The course is a rigorous study of advanced German in order to prepare students to take the AP German Language examination in May. Throughout the academic year, students will engage in immersive language experiences that encompass listening, speaking, reading, and writing. Emphasis is placed on developing advanced communication skills through authentic and complex tasks. Students will explore a variety of literary and cultural texts, including music, short stories, poems, films and articles, allowing them to gain a deeper appreciation for the diversity and richness of the German-speaking world. This course is a CSUS ACE (Accelerated College Entrance) approved course. Juniors and seniors may earn college credit from the California State University system and may transfer credits to other colleges or universities.</p>		
<b>SPANISH 1</b>	Grades: 9-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in English required, “B” in previous grade of English recommended</b>  This course provides an introduction to the Spanish language and culture using the immersion method of instruction. Students learn basic grammar and vocabulary application through listening, speaking, reading, and writing.</p>		

<b>SPANISH 2</b>	Grades: 9-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in Spanish 1</b>  This course offers continued study of the Spanish language and culture using the immersion method of instruction. Students continue to develop their skills in grammar and vocabulary application through listening, speaking, reading, and writing. Students will be held accountable for increased self-directed learning.</p>		

<b>SPANISH 3</b>	Grades: 9-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in Spanish 2</b>  This course is designed to give students advanced level instruction in the Spanish language using the immersion method of instruction. Emphasis is on oral and written proficiency. Students will be held accountable for increased self-directed learning. Taking a third year of language may exempt you from the language requirement at some of the CSU campuses. This course is a CSUS ACE (Accelerated College Entrance) approved course. Juniors and seniors may earn college credit from the California State University system and may transfer to other colleges or universities.</p>		

<b>SPANISH 4 HONORS*</b>	Grades: 9-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in Spanish 3</b>  Spanish 4 Honors is an advanced language course designed to further enhance students’ proficiency in the Spanish language while deepening their understanding of Hispanic cultures. This course builds upon the skills acquired in previous Spanish courses (emphasizing advanced vocabulary, grammatical structures and cultural nuances), while creating a stronger foundation before entering the AP Spanish course. Juniors and seniors may earn college credit from the California State University system and may transfer credits to other colleges or universities.</p>		

<b>AP SPANISH LANGUAGE *</b>	Grades: 11-12	Meets requirements: WL/e/□/Δ
<p><b>Prerequisite: “C” in Spanish 3</b>  This course follows the curriculum adopted by the Advanced Placement Program. The course is a rigorous study of advanced Spanish in order to prepare students to take the AP Spanish Language examination in May. Throughout the academic year, students will engage in immersive language experiences that encompass listening, speaking, reading, and writing. Emphasis is placed on developing advanced communication skills through authentic and complex tasks. Students will explore a variety of literary and cultural texts, including music, short stories, poems, films and articles, allowing them to gain a deeper appreciation for the diversity and richness of the Spanish-speaking world. This course is a CSUS ACE (Accelerated College Entrance) approved course. Juniors and seniors may earn college credit from the California State University system and may transfer credits to other colleges or universities.</p>		

## **VISUAL AND PERFORMING ARTS**

UC/CSU Requirement “F” 1 Year Required

<b>CONCERT CHOIR</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p>This course is designed to provide beginning vocal instruction and general musicianship skills for all levels of choral students. Preparation of literature will include some music history and music theory. Course requirements include performances outside of the school day.</p>		

<b>CHAMBER CHOIR</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p><b>Recommendation: Audition by director</b>  This course is designed to provide continuing vocal instruction and musicianship skills for advanced choral students. Emphasis is on ensemble singing of primarily a cappella literature. Concurrent enrollment in Concert Choir or another music class is highly recommended. Course requirements include many performances outside of the regular school day.</p>		

<b>CONCERT BAND</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: 4 years of school music program experience or instructor approval</b>  This class is devoted primarily to concert style music and general broadening of the student's musical interests and abilities. Evening performances are required. The first semester of this course is devoted primarily to the preparation and performance of football HalfTime shows, which include march-style music and actual marching experience. <i>Up to five Saturday events and Monday evening rehearsals from 5:30 – 9:00 p.m. in the Fall are required.</i></p>		

<b>JAZZ BAND</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: Audition by director, concurrent enrollment in Concert Band or completed 3 years of Concert Band or Orchestra at the high school level, only at the director's discretion</b></p> <p>This class is a performance-oriented ensemble that performs jazz instrumental literature. The members of this band will also learn the background of various styles of music being presented. Some theory and notation will be involved in the preparation of the music. <i>Evening and Saturday performances are required.</i> There are various jazz bands offered based on level.</p>		
<b>JAZZ CHOIR</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: Audition by director</b></p> <p>This class provides the highly qualified music student with an opportunity to gain experience through the study, rehearsal, and performance of advanced choral literature with emphasis on contemporary music, especially jazz literature of the 1930's through the present. At the director's discretion, the group can number between six and twenty-four members. <i>Evening and Saturday performances are required.</i></p>		
<b>ORCHESTRA</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: 3 years of music experience - private or in public education</b></p> <p>This is a string ensemble that plays classical to contemporary music. It is a high-level performance class that <i>requires outside time for performances.</i></p>		
<b>GUITAR</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p>This course will focus on learning to play the guitar. Students will study a variety of styles and basic techniques used in guitar playing. Students will learn to read music, guitar tablature and chord charts, and to improvise and compose music. The class will include solo and small ensemble playing with emphasis on acoustic and classical styles. This course may include performances outside of the school day.</p>		
<b>CERAMICS 1</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p>Students will develop an understanding of the basic techniques of the use of clay as an art form. They will learn to form pinch, slab, coil, sculpture, and wheel-throw pottery. They will develop and expand aesthetic perceptions in order to form a base for making informed aesthetic judgments. Students will also acquire knowledge of the historical and cultural development in Ceramics. A digital portfolio of images of student work will be required for each semester.</p>		
<b>CERAMICS 2</b>	Grades: 10-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: "C" in 3D Art or Ceramics 1</b></p> <p>Students further their technique on the potter's wheel both as a tool for functional pottery and sculptural forms. Students explore advanced hand building techniques to build lightweight functional wares and artwork. Students will explore areas of decoration, design, form, glazing, and related technical problems. Students work more independently and make informed artistic decisions. Students learn how to compose glazes using basic chemistry. Students will also gain the ability to analyze and respond to ceramic as an art form. Students will continue to be introduced to numerous cultural and historical styles and motifs.</p>		
<b>CERAMICS 3</b>	Grades: 11-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: "C" in 3D Art 2 or Ceramics 2</b></p> <p>Ceramics 3 covers special problems in wheel throwing and hand building techniques with an emphasis on size, mass, and form. Students will explore individual style in decoration, furthering their work with oxides, stains, and glaze. Through an inquiry based lab, students explore the world of chemistry and apply it to formulate new glaze for use on artwork. Students work more independently and make decisions as to areas of preference. Students will continue to gain the ability to analyze and respond to various ceramic pieces, including their own. Students will be introduced to numerous cultural, historical styles, and motifs, and will explore areas leading to originality, and good workmanship in his/her work. Students will compile a digital portfolio of work to demonstrate their abilities to a studio learning setting which can be used for college entrance, or employment in a visual art field.</p>		

<b>CERAMICS 4 (Pending a-g approval)</b>	Grades: 11-12	Meets requirements: FA/EL
<p><b>Prerequisite: “C” in Ceramics 3</b>  Ceramics 4 covers student curated forms made on the wheel and or hand building techniques compositions, with an emphasis on independent study and self-motivation. Students will continue to work to develop glazes by researching, mixing and testing formulas. Students will be introduced to kiln loading and setting kilns to fire.. Students will also continue to gain the ability to analyze and respond to various ceramic pieces including their own. Students will be introduced to numerous cultural and historical styles and motifs. They will make decisions as to areas of preference, and explore areas leading to originality and workmanship in their work. Students will compile enough work to demonstrate their abilities through the use of a portfolio, which can be used for college entrance or employment in a visual art field</p>		
<b>DIGITAL ART 1</b>	Grades: 9-12	Meets requirements: CTE/FA/EL/f
<p>An introduction into photography and digital manipulation, this one-year course focuses on learning creative and artistic expression. Students will use a combination of traditional art elements, photography skills, and Photoshop tools to create artwork. This class also briefly explores the history of art and photography.</p>		
<b>DIGITAL ART 2</b>	Grades: 10-12	Meets requirements: CTE/FA/EL/f
<p><b>Prerequisite: “C” in Digital Art 1</b>  This advanced course is to further explore the manipulation of Photoshop and photography skills from Digital Art 1. The class emphasizes effective communication of ideas through the use of art elements and principles. Students will also analyze and critique their own art works for further enhancement. Students from this course are able and expected to complete artwork that is ready to submit to contests and art shows.</p>		
<b>AP 2D ART AND DESIGN*</b>	Grades: 11-12	Meets requirements: CTE/FA/EL/f
<p><b>Prerequisite: “B” in Digital Art 2</b>  This AP digital arts course is for self-directed art students looking to experience a college-level art class in high school. This year-long course emphasizes mastery of photography skills and creating advanced artistic expressions. Students are required to submit a 24-image portfolio as their AP test. The AP exam consists of three parts, breadth (12), concentration (12), and quality (5 best pieces printed from breadth and concentration). The College Board formally evaluates portfolios with a score from 0-5; 3 and above is a passing score.</p>		
<b>DRAWING &amp; PAINTING 1</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p>Students will develop an understanding of the basic elements of art and the principles of design and will experiment with various techniques of drawing and painting with a variety of media. They will develop and expand aesthetic perceptions and develop a base for making informed aesthetic judgments. Students will also acquire knowledge of historical and cultural development in the visual arts. <i>A World of Images</i> by L. Chapman and <i>Discovering Art History</i> by G. Brommer are classroom textbooks. This course offers the fundamentals necessary to pursue an advanced level of study. A sketchbook and notebook are required.</p>		
<b>DRAWING &amp; PAINTING 2</b>	Grades: 10-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: “C” in Drawing &amp; Painting 1</b>  Students will further develop knowledge and skills through completion of advanced projects in drawing, painting, and printmaking. This is required coursework prior to applying for Advanced Placement Studio Art. A sketchbook and notebook are required.</p>		
<b>DRAWING &amp; PAINTING 3</b>	Grades: 11-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: “C” in Drawing &amp; Painting 2</b>  This course offers an opportunity for students to do another year of studio artwork prior to the submission of an AP portfolio in year four. For the third year art student, it could also function as an advanced class without the intense level of production required by the AP Drawing class. An artwork is due approximately every four weeks and will be critiqued and graded based on the Advanced Placement rubric.</p>		

<b>AP DRAWING*</b>	Grades: 11-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: “B” in Drawing and Painting 2 and 3</b>  This course is designed for the highly-motivated art student with the willingness to work both inside and outside of class time. An artwork is due approximately every week and will be critiqued and graded based on the Advanced Placement rubric. Students will prepare artwork for a portfolio to be submitted to the College Board in May.</p>		
<b>DRAMA 1</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p>An introduction to the dramatic experience, this course introduces students to basic acting techniques including stage presence, stage movement, pantomime, character development, voice, script and character analysis, script writing, and audition techniques. This course also covers the historical and cultural roots of western theater as well as early theatre traditions. Students will have the opportunity to learn and demonstrate basic skills in acting through in-class presentation of monologues, scenes, and plays.</p>		
<b>DRAMA 2</b>	Grades: 10-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: “C” in Drama 1, “B” strongly recommended</b>  Students will build upon basic acting techniques covered in Drama 1. Students will read and analyze plays, develop skills in performance critique, and present a variety of monologues and scenes from scripted and self-written work. A strong focus and commitment to performance and collaboration are expected. Students will have the opportunity to participate in theatre festivals. <i>An evening showcase performance will be required.</i></p>		
<b>DRAMA 3</b>	Grades: 11-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: “B” strongly recommended in Drama 2</b>  Students will continue to build upon basic acting techniques covered in Drama 2. Students will read and analyze plays, develop skills in performance critique, and present a variety of monologues and scenes from scripted and self-written work. A strong focus and commitment to performance and collaboration are expected, along with leadership skills. Students will have the opportunity to participate in theatre festivals. <i>An evening showcase performance will be required.</i></p>		
<b>DRAMA 4</b>	Grades: 11-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: “B” strongly recommended in Drama 3</b>  Students will continue to build upon basic acting techniques covered in Drama 2 and 3. Students will read and analyze plays, develop skills in performance critique, and present a variety of monologues and scenes from scripted and self-written work. Students will have opportunities to hone leadership skills through student directing. Students will have the opportunity to participate in theatre festivals. <i>An evening showcase performance will be required.</i></p>		
<b>MUSICAL THEATRE (Pending a-g approval)</b>	Grades: 10-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: Drama 1, Choir, or Participation in a High School Theatre Production</b>  Students will examine and analyze all aspects of musical theatre production—lyricism, composition, choreography, staging, production, and technical elements. Since theatre is an experienced art, students will have the opportunity to work both independently and collaboratively on the planning and execution of musical theatre numbers. In preparation for real-world experience, students will build an audition repertoire, write a resume, and participate in master classes and workshops. In keeping with the performance nature of theatre, students will end the year with a showcase of musical theatre solos, duets, and ensemble numbers.</p>		
<b>INTRODUCTION TO TECHNICAL THEATRE</b>	Grades: 9-12	Meets requirements: FA/EL/f
<p>This course is designed to introduce students to technical and design elements in the field of theatre. Students will learn the skills and concepts associated with the technical elements of theatre including jobs in theatre, set design, stagecraft, costuming, scenic painting, and stage make-up. Students will experience all aspects in each design area including script analysis, research, design, and implementation. Students will create design projects which include sketches, annotated research, and practical projects.</p>		

<b>TECHNICAL THEATRE IN PRODUCTION</b>	Grades: 10-12	Meets requirements: FA/EL/f
<p><b>Prerequisite: “B” recommended in Introduction to Technical Theater</b></p> <p>This course is designed to build on and develop technical and design elements covered in Introduction to Technical Theater and expand knowledge in the areas of lighting, sound, and production management. Students will apply foundational knowledge to both theoretical and realized design projects. Students will spend class time building and producing department theatrical productions. Opportunities are available for leadership and project management. Students are also given opportunities to volunteer for additional community productions in order to gain knowledge and experience for resume building. This course can be repeated up to three times.</p>		

<b>VIDEO PRODUCTION 1</b>	Grades: 9-12	Meets requirements: CTE/FA/EL/f
<p>Students will study the applied art and science of film, television, and other mass media platforms. The emphasis is on individual creative thinking implemented through group collaboration in the phases of pre production, production, and post production phases. Students will produce videos using digital cameras and computer editing software for air on campus television and submission to film festivals. This course is a Recommendation for Television Production and can also serve as a Recommendation for Computer Game Design. Video Production 1 (Video) is a UC/CSU approved visual arts elective and an art or career and technical education elective for graduation requirements.</p>		

<b>FILM AS VISUAL LITERATURE</b>	Grades: 11-12	Meets requirements: FA/EL/f
<p><b>Recommendation: 2.5 College Prep GPA</b></p> <p>This course promotes an understanding of how film communicates ideas, or “cine literacy,” by analyzing and reviewing narrative, dramatic, and cinematic elements. The class investigates the use of film as both a form of literature and art, as well as a way to transfer culture. Students view a wide variety of full-length feature films in class, watch films of their choice outside of class, critique films, compare and contrast novels with their corresponding film adaptations, explore a variety of film genres, and participate in visual and/or performing arts projects.</p>		

<b>ADVANCED DRAFTING AND ARCHITECTURE</b>	Grades: 11-12	Meets requirements: CTE/FA/EL/f
<p><b>Prerequisite: Architecture Engineering or teacher recommendation</b></p> <p>This is an advanced course in which students will continue to develop both the hands-on application of engineering and artistic appreciation of architecture. Students will expand their knowledge and experience in Architectural Engineering, especially involving drafting and building design. This course allows for practical visual and performing arts applications for career technical education pathway students. Students taking this course are preparing for higher education in architecture and building design.</p>		

## **COLLEGE PREPARATORY ELECTIVES**

UC/CSU Requirement “g” 1 Year Required

<b>ETHNIC STUDIES</b>	Grades: 9-12	Meets requirements: E/g
<p>Ethnic Studies is designed to develop an understanding of how race, ethnicity, nationality, and culture have shaped and continue to shape individuals and society in the United States. The course prepares students to participate in concurrent or subsequent social studies and literature courses with a solid understanding of historical trends and historical thinking. This course is designed to provide students with the knowledge to achieve an understanding of and an appreciation for the various cultures in their community. The focus is around the experiences of African Americans, Asian Americans, Latinos/as, and other racialized peoples in the United States. Students will be engaged in both intellectually and emotionally rigorous content constructed around issues of ethnicity, identity, service, and social justice. Students will research and examine how 20th Century events reveal power, privilege, ethnocentricity, systemic oppression, and cultural hegemony that influence their individual experiences into the 21st Century.</p>		

<b>HUMANITIES 1: GLOBAL THINKING WITH A GLOBAL PERSPECTIVE</b>	Grades: 9-12	Meets requirements: EL/g/Δ
<p>This course was formally simply called Academic Decathlon. This course is designed to teach students how to see context and make connections across the humanities. Students will piece together the cultural history of the world by studying and critically analyzing various sections of art, music, history, and literature. The course will encourage students to focus and think critically about the cultural artifacts of the past and the importance on today's society. Students in this class will use this material to prepare for the local Academic Decathlon competition. The purpose of the United States Academic Decathlon is to develop academic competitions, curriculum, and assessment to promote learning and academic excellence through teamwork among students of all achievement levels. The goal of this class is to enhance students' critical thinking and reasoning skills by using selected reading pieces from the humanities and having students respond in writing, through discussions and with prepared speeches. Although each year the topic changes as detailed by United States Academic Decathlon (USAD), the basic humanities' components remain the same. Each area of study will have a component related to the assigned theme. Although anyone in the class may compete at the county level in February, only nine students will be selected to represent the school and potentially advance to state. Competitors are selected based on knowledge acquired in the class. This course is now an Accelerated College Entrance (ACE) approved course. Upon completing the second semester of Academic Decathlon, students will earn 3 units from the California State University system for their course titled EDS 099: Independent Studies and can transfer this credit to other colleges or universities.</p>		

<b>SPEECH &amp; DEBATE 1</b>	Grades: 9-12	Meets requirements: EL/g/□
<p>Speech and Debate is an activity-oriented course designed to give students experience in a variety of speaking situations. Students present demonstrative, informative, and persuasive speeches in addition to participating in group discussion, debate, and oral interpretation of literature. A unit on special occasion speeches is also included, along with a section on Mock Trials and Job Interviewing. Emphasis is placed on preparing (research and organizational skills), delivering speeches, and on studying what lies behind the act of public speaking. The class provides a non-threatening atmosphere and a feeling of success for class members. This class is recommended for college-bound students and those wanting to improve their communication skills. Please note that this course counts as a UC/CSU "g" (college-prep elective) course but does not fulfill the UC/CSU "f" (visual and performing arts) course requirement.</p>		

<b>SPEECH &amp; DEBATE 2</b>	Grades: 10-12	Meets requirements: EL/g/□/Δ
<p><b>Prerequisite: "C" in Speech and Debate 1</b>  Students will further develop their rhetorical knowledge in the areas of personal and professional communication. Units of study include voice overs, marketing, argumentation/persuasion, and Mock Trials. Members of the class may have the opportunity to participate in speech contests, field demonstrations, and to hear from guest speakers. Please note that this course counts as a UC/CSU "g" (college-prep elective) course but does not fulfill the UC/CSU "f" (visual and performing arts) course requirement. This course is a CSUS ACE (Accelerated College Entrance) approved course. Juniors and seniors may earn college credit from the California State University system and may transfer credits to other colleges or universities.</p>		

<b>AP RESEARCH*</b>	Grades: 11-12	Meets Requirement: EL/g
<p><b>Prerequisite: Passing grade in <a href="#">AP Seminar</a>, 3.0 College Prep GPA and Concurrent enrollment in Statistics recommended</b>  AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a year-long investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and assessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000 to 5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. AP Seminar is a Recommendation for AP Research. Completing AP Seminar and all of its required assessment components is necessary for students to develop the skills to be successful in AP Research. Students taking AP courses will benefit from these skills, rather than content driven courses.</p>		

<b>PSYCHOLOGY/SOCIOLOGY</b>	Grades: 11-12	Meets requirements: EL/g/□
<p><b>Recommendation: 2.5 College Prep GPA</b>  This course is a college-prep class designed as an overview of the fields of psychology and sociology. Students will be introduced to the different schools of thought in psychology, the methods of research used, and the theories and key concepts associated with such topics as personality, consciousness, learning, memory, and psychological disorders and therapy. The course also includes an introduction to the methods and theories used by sociologists to understand the nature of society. Students will explore topics such as culture, socialization, social interaction, diversity and inequality, social institutions, and social change.</p>		

<b>AP PSYCHOLOGY*</b>	Grades: 11-12	Meets requirement: EL/g/□
<p><b>Recommendation: 3.0 College Prep GPA</b>  AP Psychology is a college-level course that introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that shaped the field, students explore and apply psychological theories, concepts, and phenomena associated with such topics as personality, neuropsychology, consciousness, learning, memory, and psychological disorders and therapy. Throughout the course, students develop skills in reading, writing, and scientific inquiry that are fundamental to the discipline of psychology.</p>		

## **CAREER & TECHNICAL EDUCATION (CTE) PATHWAYS**

Folsom High School’s Career and Technical Education programs offer students exposure to careers and essential workplace skills, technical skill training, and reinforcement of academic skills by preparing students for both postsecondary education and careers in industry sectors.

The Folsom High School pathways and courses are as follows:

<b>Design, Visual and Media Arts (Digital Art)</b>	<b>Information and Communication Technologies</b>	<b>Manufacturing and Product Development</b>
Digital Art 1	Exploring Computer Science	Intro to Product Innovation Design and Manufacturing
Digital Art 2	Computer Science and Programming	Advanced Product Innovation Design and Manufacturing
AP 2D Art and Design	AP Computer Science A	Honors Manufacturing and Product Design
<b>Engineering and Architecture</b>	<b>Design, Visual and Media Arts (Video)</b>	<b>Health Science and Medical Technology</b>
Engineering Technology	Video Production 1	Patient Care I
Advanced Engineering Technology	Video Production 2	Patient Care II
Architectural Engineering	TV Production	
Advanced Drafting & Architecture		
	Computer Applications	
		Career and Technical Education Internship
<p>FHS CTE Department aligns courses to the California State Model Curriculum Standards and Career Industry Sectors which can be found at: <a href="http://www.cde.ca.gov/ci/ct/sf/ctemcstandards.asp/">http://www.cde.ca.gov/ci/ct/sf/ctemcstandards.asp/</a></p>		

### ***INFORMATION AND COMMUNICATION TECHNOLOGIES PATHWAY***

<b>EXPLORING COMPUTER SCIENCE</b>	Grades: 9-12	Meets requirements: CTE/EL/g
<p>Exploring Computer Science focuses on the creative, collaborative, interdisciplinary, and problem-solving nature of computing featuring an inquiry-based approach to learning and teaching. As part of this curriculum, students will delve into real world computing problems that are culturally relevant and address social and ethical issues while developing foundational computer science knowledge. Students will engage in several in-depth projects to demonstrate the real-world application of computing. Units of instruction will include human computer interaction, problem solving, web design, introduction to programming, computing and data analysis, and robotics.</p>		

<b>COMPUTER SCIENCE AND PROGRAMMING</b>	Grades: 10-12	Meets requirements: CTE/EL/g/Δ
<p><b>Prerequisite: “C” in Math 1, “C” in Exploring Computer Science</b>  Computer Science and Programming is a second-year computer science course with an emphasis on programming concepts and methodology. Students will learn algorithmic thinking and expression and be able to understand basic principles of programming logic. They will learn to communicate complex ideas simply and solve problems logically. Topics include computer hardware, troubleshooting, computer security, networking, and program development. Students will engage in several in-depth projects to demonstrate the real-world application of computing and programming. This course is a CSUS ACE (Accelerated College Entrance) approved course. Juniors and Seniors may earn college credit from the CSU system and may transfer credit to other colleges and universities.</p>		

<b>AP COMPUTER SCIENCE A*</b>	Grades: 11-12	Meets requirements: CTE/EL/g
<p><b>Prerequisite: “B” or higher in Exploring Computer Science &amp; Computer Science and Programming OR teacher recommendation, 3.0 College GPA Recommended</b></p> <p>AP® Computer Science A is both a course for potential computer science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, chemistry, and geology. The course emphasizes programming methodology, procedural abstraction, and in-depth study of algorithms, data structures, and data abstractions, as well as a structured lab component consisting of a minimum of 20 hours of hands-on lab experiences integrated throughout the course. Instruction includes preparation for the AP Computer Science A Exam.</p>		

### ***ENGINEERING AND ARCHITECTURE PATHWAY***

<b>ENGINEERING TECHNOLOGY</b>	Grades: 9-12	Meets requirements: CTE/EL/g/
<p><b>Prerequisite: Concurrent enrollment in Integrated Math 1 or higher</b></p> <p>Engineering Technology is a concentrator level course in which students develop problem-solving skills, with emphasis placed on three-dimensional solid models. The course is one year in length and primarily offered to 9th to 11th grade students. Students will work from sketching simple geometric shapes to applying a solid modeling computer software package. They will learn a problem-solving design process and how it is used in industry to manufacture a product. The Computer Aided Design System (CAD - Autodesk Fusion) will also be used to analyze and evaluate the product design. The techniques learned and industry specific equipment used is the foundation for the sequence of courses in Engineering Technology CTE Pathway.</p>		

<b>ADVANCED ENGINEERING TECHNOLOGY*</b>	Grades: 10-12	Meets requirements: CTE/EL/g
<p><b>Prerequisite: “C” in Engineering Technology and concurrent enrollment in Integrated Math 2 or higher</b></p> <p>Advanced Engineering Technology is a capstone level course in which students build upon the problem-solving skills and three-dimensional solid models taught in the Engineering Technology course. This course is one year in length and primarily offered to 10th to 12th grade students. Students will develop an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. The course will develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions using appropriate learning strategies.</p>		

<b>ARCHITECTURAL ENGINEERING*</b>	Grades: 10-12	Meets requirements: CTE/EL/g
<p>This course introduces students to important aspects of building, site design, and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Students will develop skills in engineering calculations, technical representation and documentation of design solutions according to accepted technical standards. Students will also learn the use of current 3D architectural design and modeling software to represent and communicate solutions. Through both individual and collaborative team activities, projects, and problems, students will solve problems as they practice common design and development protocols such as project management and peer review.</p>		

<b>ADVANCED DRAFTING AND ARCHITECTURE</b>	Grades: 11-12	Meets requirements: CTE/FA/EL/f
<p><b>Prerequisite: Architecture Engineering or teacher recommendation</b></p> <p>This is an advanced course in which students will continue to develop both the hands-on application of engineering and artistic appreciation of architecture. Students will expand their knowledge and experience in Architectural Engineering, especially involving drafting and building design. This course allows for practical visual and performing arts applications for career technical education pathway students. Students taking this course are preparing for higher education in architecture and building design.</p>		

## ***MANUFACTURING AND PRODUCT DEVELOPMENT PATHWAY***

<b>MANUFACTURING AND PRODUCT DESIGN</b>	Grades: 9-12	Meets requirements: CTE/EL/g
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**Prerequisite: Concurrent enrollment in Integrated Math 1 or higher**

In this course, students will receive introductory level exploratory instruction regarding product design using woods, metals, plastics, and composites. Students will learn to design, draw, and model products that they will build through the proper use of hand tools, machinery tools, 3D printers, and CNC machines. Students will demonstrate a thorough understanding of industry safety standards and will receive instruction regarding related career paths. Students who successfully complete Introduction to Product Innovation and Design will have the opportunity to take a level two course that advances the student's ability to design and build products using a variety of materials.

<b>ADVANCED MANUFACTURING AND PRODUCT DESIGN</b>	Grades: 10-12	Meets requirements: CTE/EL/g
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**Prerequisite: "C" or better in Manufacturing and Design w/ concurrent enrollment in Integrated Math 1 or higher or w/ teacher approval**

Advanced Manufacturing and Product Design builds upon skills and knowledge learned in Manufacturing and Product Design. This course will offer Sophomores, Juniors, and Seniors the opportunity to further advance their skill proficiencies in the areas of graphic design, machine tooling and forming, engineering design, project planning, tool fitting, and product innovation and design. Comprehensive understanding and application of current safety standards and procedures will be a component of each study unit. Career planning, project innovation, and entrepreneurship will be an integral part of the course.

<b>HONORS MANUFACTURING AND PRODUCT DESIGN*</b>	Grades: 11-12	Meets requirements: CTE/EL/g
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**Prerequisite: "B" or better in Adv Manufacturing and Design or completion of Manufacturing and Product Design w/ teacher approval**

This Honors Manufacturing and Product Design builds upon skills and knowledge learned in Advanced Manufacturing and Product Design. This course will offer Juniors and Seniors the opportunity to further advance their skill proficiencies in the areas of automation, programming, machine tooling, engineering design, project planning, tool fitting, and manufacturing economics. Comprehensive understanding and application of current safety standards and procedures will be a component of each study unit. The use of CAD/CAM software and entrepreneurship will be an integral part of the course.

## ***DESIGN, VISUAL, AND MEDIA ART PATHWAY (VIDEO)***

<b>VIDEO PRODUCTION 1</b>	Grades: 9-12	Meets requirements: CTE/FA/EL/f
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Students will study the applied art and science of film, television, and other mass media platforms. The emphasis is on individual creative thinking implemented through group collaboration in the phases of pre production, production, and post production phases. Students will produce videos using digital cameras and computer editing software for air on campus television and submission to film festivals. This course is a Recommendation for Television Production and can also serve as a Recommendation for Computer Game Design. Video Production 1 (Video) is a UC/CSU approved visual arts elective and an art or career and technical education elective for graduation requirements.

<b>VIDEO PRODUCTION 2</b>	Grades: 10-12	Meets requirements: CTE/EL/g
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**Prerequisite: "C" in Video Production 1**

In this intermediate course, students will develop a deeper understanding and appreciation of film and television. Students will focus on documentary and news program production and further their production technique using the campus studio facilities. A variety of videos will be produced for the school, district, or community representing "Doghouse Productions" of Folsom High School. Some films may be selected for entry into film festivals. This course is a stepping-stone to a collegiate program in the film and media industry. Students are required to log six hours per semester of production time outside of class hours documenting campus and community events such as plays, concerts, and sports events.

<b>TV OCCUPATIONS</b>	Grades: 11-12	Meets requirements: CTE/EL Δ
<p><b>Prerequisite: “C” in Video Production 2</b>  Students will produce the Bulldog Bulletin broadcast, seen on campus channel 8 daily. Students will produce short films, documentaries, and news stories for broadcast on the campus television network and for submission to film festivals. Students may have opportunities to participate in community workshops and trainings, job shadows, and internships in the local television and film industry. <i>All students are required to log six hours per semester of production time outside of class hours documenting campus and community events such as plays, concerts, and sports events.</i> This is a CSUS Accelerated College Entrance (ACE) approved course. Juniors and seniors may earn college credit from the California State University system and may transfer credits to other colleges or universities.</p>		

### ***DESIGN, VISUAL, AND MEDIA ART PATHWAY (ART)***

<b>DIGITAL ART 1</b>	Grades: 9-12	Meets requirements: CTE/FA/EL/f
<p>An introduction into photography and digital manipulation, this one-year course focuses on learning creative and artistic expression. Students will use a combination of traditional art elements, photography skills, and Photoshop tools to create artwork. This class also briefly explores the history of art and photography.</p>		

<b>DIGITAL ART 2</b>	Grades: 10-12	Meets requirements: CTE/FA/EL/f
<p><b>Prerequisite: “C” in Digital Art 1</b>  This advanced course is to further explore the manipulation of Photoshop and photography skills from Digital Art 1. The class emphasizes effective communication of ideas through the use of art elements and principles. Students will also analyze and critique their own art works for further enhancement. Students from this course are able and expected to complete artwork that is ready to submit to contests and art shows.</p>		

<b>AP 2D ART AND DESIGN*</b>	Grades: 11-12	Meets requirements: CTE/FA/EL/f
<p><b>Prerequisite: “B” in Digital Art 2</b>  This AP digital arts course is for self-directed art students looking to experience a college-level art class in high school. This year-long course emphasizes mastery of photography skills and creating advanced artistic expressions. Students are required to submit a 24-image portfolio as their AP test. The AP exam consists of three parts, breadth (12), concentration (12), and quality (5 best pieces printed from breadth and concentration). The College Board formally evaluates portfolios with a score from 0-5; 3 and above is a passing score.</p>		

### ***HEALTH SCIENCES AND MEDICAL TERMINOLOGY PATHWAY***

<b>PATIENT CARE I</b>	Grades: 11-12	Meets requirements: CTE/EL/g
<p><b>Prerequisite: “C” in a college prep math course.</b>  Patient Care is a concentrator level course for a two-course sequence in the Health Science &amp; Medical Technology industry sector and Patient Care pathway. During this course of study, students will receive an introduction into health careers and the healthcare system. The course will provide students with a focus on theory, technical and employability skills. This interdisciplinary CTE course will allow students to explore concepts within the Career Technical Education Standards, as well as academic subjects which include Science, Mathematics, English, and Social Science. Additionally, students will participate in the Career Technical Student Organization, HOSA-Future Health Professionals.</p>		

<b>PATIENT CARE II (pending approval)</b>	Grades: 12	Meets requirements: CTE/EL
<p><b>Prerequisite: “C” in Patient Care I</b>  Patient Care B is an advanced course designed to build on the foundational skills developed in Patient Care A. This course offers students the opportunity to explore advanced diseases, diagnostic procedures, sterile techniques, medication administration, and infection control while working hands-on with patient scenarios. Work-based learning strategies are integrated to enhance understanding through professional speakers, field trips, and simulated patient cases, culminating in skill-based assessments and presentations.</p>		

## ***CTE COURSE THAT IS NOT PART OF A PATHWAY***

<b>CAREER TECHNICAL EDUCATION INTERNSHIP (Work Experience)</b>	Grades: 11-12	Meets requirements: CTE/EL/g
<p><b>Prerequisite: Valid Work Permit</b>            This Career Technical Education Internship course provides students with an opportunity to explore a career pathway in depth with a combination of in-class and on-the-job experiences. The course introduces students to a professional in their fields of interest and enhances their abilities to make an informed career choice in preparing for college and a future career. The internship will be from one of the fifteen industry sectors identified in California. Students will experience work-based learning through an internship. The course has a combination of classroom instruction in career exploration and employability skills. <i>Students will work for at least five hours per week in an internship and meet in class one hour per week to complete related classroom instruction.</i></p>		

<b>COMPUTER APPLICATIONS</b>	Grades: 9-12	Meets requirements: EL
<p>Computer applications is designed to introduce and/or enhance students' skills in word processing, desktop publishing, spreadsheets, PowerPoint presentations, and keyboarding skills using proper technique. The emphasis is placed on participation, accuracy, problem solving, computer literacy, and document preparation using various media. Students who demonstrate typing proficiency and maintain an A or B in the class may earn up to seven units of college credit. Credits are issued from Folsom Lake College and can be transferred to most California State Universities and community colleges.</p>		

### **ADDITIONAL GRADUATION REQUIREMENTS:**

### **HEALTH EDUCATION**

<b>HEALTH</b>	Grades: 9-12	Meets requirements: H
<p>This semester course will study all six areas of health education. This course includes the following topics: wellness; nutrition and fitness; mental and emotional health including depression and suicide prevention; technology awareness: substance abuse including alcohol, tobacco, and other drugs; and compressions only CPR. The Family Life units include pregnancy prevention including abstinence and contraceptives; pregnancy options; gender identity; STI/HIV education; and safe dating practices.</p>		

<b>ENRICHED HEALTH</b>	Grades: 9-12	Meets requirements: H/g
<p>A year-long study of health education provides time for students to study all six areas of health education, <i>in depth</i>. This course includes the following topics: wellness; goal setting, character development and refusal skills; nutrition and fitness; mental and emotional health including depression and suicide prevention; media safety; technology awareness; substance abuse including alcohol, tobacco, and other drugs, including the stages and risk factors of addiction; chronic and disabling diseases; first aid; CPR; and emergency preparedness. The Family Life units include pregnancy prevention including abstinence and contraceptives; pregnancy options; prenatal growth development; gender identity; STI/HIV education; safe dating practices and healthy relationships. The State Board of Education advises that "good health and academic success go hand in hand. Healthy children make better students, and better students become healthy, successful adults who are productive members of their communities. Comprehensive health education that addresses the physical, mental, emotional, and social aspects of health teaches students how to maintain and improve their health; prevent disease; reduce health-related risk behaviors; and develop health knowledge, attitudes, and skills that foster academic achievement, increase attendance rates, and improve behavior at school."</p>		

### **PHYSICAL EDUCATION**

<b>FITNESS 1</b>	Grades: 9	Meets requirements: PE
<p>Fitness 1 will provide the foundation for high school instruction in Physical Education. Students will develop proficient movement skills in each area of physical education, they will expand their capabilities for independent learning, and they will examine practices that allow for sound decision making to enhance successful participation in movement activities. California FitnessGram Testing will be administered and is required of all 9<sup>th</sup> grade students.</p>		

<b>FITNESS 2 – TEAM ACTIVITIES</b>	Grades: 10-12	Meets requirements: PE/EL
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**Recommendation: Fitness 1**

Fitness 2 will continue to build the foundation for high school instruction in Physical Education. Students will develop proficient movement skills in the areas of combativeness, team activities, and tumbling. They will expand their capabilities for independent learning, and they will examine practices that allow for sound decision making to enhance successful participation in those movement activities. Team Activities may be repeated for credit.

<b>COURSE 3 – WEIGHT TRAINING</b>	Grades: 10-12	Meets requirements: PE/EL
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**Recommendation: Fitness 1**

This course content articulates the knowledge, skills, and confidence students need to maintain meaningful physical activity throughout their lifetime. The course will emphasize training in the areas of strength, speed, agility, and aerobic development as it relates to lifelong fitness. The strength component is based on weight programs designed to develop overall muscular strength and endurance as well as flexibility, quickness, agility, and speed. The speed phase will focus on agility development, speed, increasing cardiovascular fitness, and muscular endurance. Weight Training may be repeated for elective credit.

<b>COURSE 3- SPORTS SPECIFIC TRAINING</b>	Grades: 10-12	Meets requirements: PE/EL
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**Recommendation: Fitness 1 and plays a sport**

This course is a combination of strength, speed, agility, aerobic development, and sports psychology. It is for the intermediate to the advanced weight lifter, emphasizing Olympic style lifts. It will also be used for the varsity high school athlete emphasizing conditioning specific for their sport. The strength training component involves a program designed to improve strength, quickness, power, and speed. The speed development phase will include plyometric training and agility training. The aerobic development component will include activities that will increase cardiovascular fitness and muscular endurance. The sports psychology component will focus on teaching mental skills to enhance athletic performance. Sports Specific Training may be repeated for elective credit.

<b>COURSE 4-ADVANCED CONDITIONING (Football)</b>	Grades: 10-12	Meets requirements: PE/EL
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**Recommendation: Fitness 1 and coach's approval**

Advanced Conditioning is an elective course that is a combination of speed, strength, agility, and athletic skill development. It will be developed for the intermediate to advanced athlete. Advanced Conditioning may be repeated for elective credit.

<b>COURSE 4 – YOGA</b>	Grades: 10-12	Meets requirements: PE/EL
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**Recommendation: Fitness 1**

Yoga practice is a system for integrating the body and the mind using the breath as the link. It is appropriate for all levels of fitness. Students learn a series of physical postures as well as practical methods for relaxation, proper breathing, and concentration that promote health, alleviate stress, improve skeletal alignment, and increase muscular strength and flexibility. The course also provides an introduction to basic principles of anatomy and physiology as they relate to yoga practice.

**GENERAL ELECTIVES (not a-g approved)**

<b>ASB GOVERNMENT/LEADERSHIP</b>	Grades: 9-12	Meets requirements: EL
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**Prerequisite: Elected or appointed**

This is a required course for all elected or appointed student body or class officers. The course is designed to teach the basic concepts of democratic government, leadership skills, group process, team-building, time management, and project planning. It affords students the opportunity for personal development in self-esteem and stress management. From team-building to the personal development section of the curriculum, students will have opportunities to grow in preparation for the future.

<b>DRIVER'S EDUCATION / SAFETY</b>	Grades: 9-12	Meets requirements: EL
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All students will learn the basic elements of the highway transportation system and safety issues. Students will also learn the rudiments of primary first aid. Career guidance tests are administered to assist students in planning for future career opportunities. One semester course

<b>LIFE SKILLS</b>	Grades: 11-12	Meets requirements: EL
<p>This class is designed to help students learn about themselves with a lot of class discussions and student interaction. Family issues, substance abuse, peer relationships, teen pregnancy, suicide prevention, racism, and violence are issues that will be explored in this class. The student's interaction with others will become more effective because self-esteem, communication, assertiveness, decision-making, value-clarification, and goal-setting skills will be enhanced through this class.</p>		

<b>YEARBOOK</b>	Grades: 9-12	Meets requirements: EL
<p>Production of the annual El Oro is both a class and a business. Students are responsible for developing layouts, interviewing, writing, desktop publishing, photography, proofreading, yearbook sales, and ad sales in the community. Yearbook staff may earn substantial discounts on the purchase of their own yearbooks through ad sales. Many school related events for yearbook coverage take place outside of class time. To ensure a quality publication, a serious time commitment is required. <b><i>Students must be willing to put in extra time during lunch, after school, at night, and occasionally weekends and holidays as deadlines require.</i></b></p>		

<b>SUCCESS 101</b>	Grades: 9-10	Meets requirements: EL
<p>Success 101 will enable high school students to envision a future that is productive, achievable, and stimulating. They will understand how to project into the future to understand the consequences of today's choices and actions. Students will be exposed to potential stumbling blocks that could impede their success. They will learn the skills, aptitudes, and attitudes needed to successfully transition into high school, post-secondary education and/or training, the workforce, and adulthood.</p>		

<b>TEACHER/STAFF ASSISTANT -LIBRARY/OFFICE</b>	Grades: 11-12	Meets requirements: EL
<p><b>Recommendation: GPA 2.0, good citizenship, and attendance. Will need teacher or staff approval.</b> Students assist the teacher, library, office or counseling department in duties as determined by the department.</p>		

<b>ENGLISH LANGUAGE DEVELOPMENT Designated ELD 1/2</b>	Grades: 9-12	Meets requirements: EL
<p><b>Recommendation: CELDT exam for English learners</b> ELD 1/2 is an English language development course designed to assist students who are learning English as a second language and are seeking to acquire basic English skills. Students enrolled in this class possess English language skills from beginning to early intermediate levels of proficiency as demonstrated by the results of the CELDT exam. The class emphasizes and facilitates acquisition of basic English communication skills, vocabulary, grammar, phonics, reading, and writing. This class augments but does not replace grade-level English classes. It is not a graduation requirement.</p>		

## **FCUSD/FLC Dual Enrollment Program**

<b>FLC DUAL ENROLLMENT</b>	Grades: 11-12	Meets requirements: EL/Δ
<p>Dual Enrollment "College Class" will be listed as one of your classes when you get your Folsom High School schedule. You will be scheduled for dual enrollment at either the start of your school day or the end. You will be supervised and monitored by a high school teacher, and a college instructor will assign your work, give tests and assign your grade. You will be expected to go through the enrollment process with Folsom Lake College that will result in a college student ID and a CANVAS account. You will work independently and asynchronously on the curriculum. It is very important that you are a self starter and motivated to do college level work. <a href="http://www.assist.com">www.assist.com</a></p>		

## **MORE INFORMATION ABOUT COURSES AND GRADUATION**

### **COURSE SUBSTITUTION**

Students may choose to take courses outside of the Folsom Cordova Unified School District when a student is, for good reason, unable to take the course of study offered at their school site. In order for permission to be granted for a student to take such a course, the following stipulations must be met:

- ❖ Students must have demonstrated academic preparation and ability.
- ❖ Students must have a full, inflexible academic schedule planned for their entire time enrolled at their school site. A student may not be approved for a course substitution if the student has an unscheduled class period or electives during the regular school year that do not meet high school graduation requirements or pathway/college preparatory needs.
- ❖ Course Substitution Contracts must be approved in advance of enrollment in any non FCUSD course.

❖ Course substitutions will only be approved if the course is an FCUSD graduation requirement and taken through a WASC accredited program.

❖ Students are not guaranteed a seat, when completing a course in a sequence in the higher-level course depending on seat availability at the time of transcript submission.

***Contract must be completed and approved prior to the start of the high school term. Students should not enroll in an independent study, online, or college course for the purposes of substitution until they have received notification that their Course Substitution Contract has been granted final approval by the counselor and principal.***

### **MIDTERM GRADUATION REQUIREMENTS**

Students who will have **earned at least 190 credits by the start of their senior year** may graduate after the first semester of the senior year if a Midterm Graduation Application has been submitted and approved through their counselor during the spring registration process of the junior year. Students may need to complete, at their own expense, second semester courses that are required for graduation (such as English 4B). Once a student has completed graduation requirements, they are no longer a student of Folsom High School and may not re-enroll as a high school student. Please be aware that students who take a college course after graduating midterm (but prior to enrolling in a four-year college) may be reclassified as a “transfer student” by the four-year college. Folsom High School midterm graduates may attend Senior Ball, Senior Breakfast, Sober Grad Night, and the FHS graduation ceremony with prior approval from administration.

### **AP INTERNATIONAL DIPLOMA (APID)**

Today, we live in a global community that greatly impacts how we share information, communicate and do business. That’s why the College Board is focused on helping students build the knowledge, skills and global perspectives to succeed in university and beyond. The AP International Diploma (APID) is a globally recognized award for students interested in international studies. It requires students to display mastery on AP Exams across several disciplines, and represents an exceptional level of achievement. For additional information, go to:

<http://international.collegeboard.org/programs/apid>

***Folsom High School offers all courses necessary for a student to achieve the AP International Diploma.***

APID Criteria

1. Students must earn **scores of 3 or higher on five or more total AP Exams**, based on the exam criteria requirements listed within each of the following content area:  
**Two AP Exams from two different world language & culture courses or two AP Exams from one world language & culture course and one English course, one AP Exam offering a global perspective (Human Geography or AP Environmental Science), one AP Exam from either the sciences, or math and computer science, and one additional AP Exam; cannot be English or a world language,**  
Please see the following website for more information: <http://international.collegeboard.org/programs/apid>
2. Exams taken multiple times will only count once; the highest score will be used for award calculation. Students must score 3 or higher on five AP Exams.
3. Each AP Exam may count towards only one content area below:  
To earn an APID, a student attending a school within the U.S. must at least send one AP score report to a university outside the U.S.

### **AP CAPSTONE: CERTIFICATE AND DIPLOMA**

AP Capstone is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions. AP Capstone comprises two AP courses — AP Seminar and AP Research — and is designed to complement and enhance the discipline-specific study in other AP courses.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of your choice will receive the AP Capstone Diploma. Students who earn scores of 3 or higher in AP Seminar and AP Research will receive the AP Seminar and Research Certificate.