

SANTA MARIA

HIGH SCHOOL



2025-2026

COURSE DESCRIPTION BOOKLET

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VISION AND MISSION STATEMENT



VISION STATEMENT

The vision of Santa Maria High School is to prepare all students to be lifelong learners who fulfill their potential to meet the challenges of the 21st century.

MISSION STATEMENT

The Santa Maria High School learning community commits to work collaboratively to:

- ❖ Provide a safe learning environment
- ❖ Develop and uphold high expectations for all students
- ❖ Personalize support for student learning
- ❖ Engage students in higher order thinking skills such as decision making, problem solving, critique and analysis
- ❖ Improve student achievement in reading, writing and mathematics
- ❖ Provide opportunities for students to be successful on all assessments

Course Description Overview

After reviewing the student's progress towards graduation and post-secondary education goals, use the course descriptions to assist in selecting courses.

CHART KEY:

DEPARTMENT COURSE TITLE:

LENGTH: <input type="checkbox"/> One Semester <input type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
PREREQUISITE: None
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP

AHC: These courses have an articulation agreement with Allan Hancock College. 2+2 programs are competency-based, technical-vocational and/or academic curriculum jointly designed by business, secondary and post-secondary institutions, linking the last two years of secondary education with the first two years of post-secondary education, to produce a strong curriculum containing competencies not possible to achieve in only two years.

A-G: These courses fulfill one of the course requirements for the California State University and University of California systems.

P: Signifies a college preparatory course

AP: These courses offer students the opportunity to pursue college-level studies while still in secondary school and to receive advanced placement, credit, or both, in college (weighted grade).

H: These courses offer students the opportunity to pursue college-level studies while still in Secondary school (weighted grade).

SANTA MARIA HIGH SCHOOL GRADUATION REQUIREMENTS

SUBJECT AREA	GRADUATION REQUIREMENTS
*English (4 years)	<u>40 Units Total</u> English 4 or other senior English course must be taken in the senior year. English Requirement for English Learners: Effective with the Class of 2009, English Learners may earn a maximum of 30 English credits from English Language Development (ELD) and remediation courses. The remaining English credits must be earned from L2 or mainstream English courses. Students taking intervention classes may earn a maximum of 20 credits in district approved intervention courses and must earn an additional 20 credits in Regular English classes.
**Math (2 years)	<u>20 Units Total</u> **Must include 10 credits of Algebra or 20 credits of 2-year Algebra At least one mathematics course, or a combination of the two mathematics courses required for completion in grades 9-12, shall meet or exceed state academic content standards for Algebra I. Students may satisfy the Algebra I course requirement prior to grade 9.
Science (2 years)	<u>20 Units Total</u> 10 Credits of Physical Science and 10 Credits Biological Science
Social Studies (3 years)	<u>30 Units Total</u> 10 Credits of Modern World History, 10 Credits US History, 5 Credits Government and 5 Credits Economics
Visual and Performing Arts, Foreign Language, or American Sign Language (1 year)	<u>10 Units Total</u>
Physical Education	<u>20 Units Total</u> No more than five credits may be earned in non-physical education classes and applied toward the 20-unit physical education requirement. Non-physical education courses approved by the site in excess of the five credits will earn elective credit.
***Health	<u>5 Units Total</u>
Electives	<u>75 Units Total</u> A maximum of 10 credits of any combination of teacher aide/student clerk may be applied towards completion of graduation requirements.
Total Requirements	220 units

Academic Scholar Diploma Seal The Board of Education encourages students to take academically challenging courses and to go beyond the minimum local and State graduation requirements. To recognize students who avail themselves of this academically enriched course of study, the Board of Education will bestow the Academic Scholar Diploma Seal to those students enrolled at the comprehensive high schools who have successfully completed the following requirements:

- (1) Achievement of a cumulative grade point average (non-weighted) of 3.5 or above from the beginning of the ninth-grade year to the end of the first semester and/or second term of their senior year
- (2) Completion of the minimum University of California (A-G) requirements for college admission
- (3) Completion of 230 or more credits

***English Requirement**

English Learners may earn a maximum of 30 English units from English Language Development (ELD) and remediation courses. The remaining English units must be earned from mainstream English courses.

*****Health**

Beginning with the class of 2026, students will no longer be required to complete 5 credits of Health. Students will be required to complete 5 credits of a course that meets the Ethic and Gender Studies guidelines.

AGRICULTURAL DEPARTMENT

ADV ORNAMENTAL HORTICULTURE – AG7054

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Advanced Ornamental Horticulture has students with additional responsibilities to Ornamental Horticulture. Responsibilities include business management and ordering

AGRI SCI & PHYSICS – AG6200 AG6201 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Agriscience & Physics is a collaborative standards-based laboratory science that fulfills the physical science requirement focusing on college and career readiness. This course gives students a foundation in physics with related earth science and agriculture phenomena in addition to the Science and Engineering Practices. The following units will be covered in this course; Motion, Force, Gravity, Waves, Light Waves, Electricity & Magnetism, Energy & Renewable Energy, and Nuclear Physics & the Earth. This course also provides an opportunity and expectation for students' participation in the National FFA organization including FFA participation and a Supervised Agriculture Experience Project.

ANIMAL SCIENCE – AG6278 (P)

AHC AG 152 – AG6400

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input checked="" type="checkbox"/> AHC (AG 155) <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Animal nutrition, physiology, and reproduction will be studied with attention to proper care of animals. Animal health practices and management techniques will be included.

BIOLOGY & SUSTAINABLE AG – AG6298 AG6299 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This course integrates biological science practices and knowledge into the practice of sustainable agriculture. Life science principles will be identified with agricultural principles and practices guiding the acquisition of this knowledge, culminating in the development of sustainable farm model and portfolio of supporting student research.

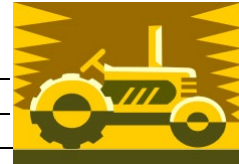
CHEMISTRY & AGRI-SCIENCE – AG6300 AG6301 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Course explores the physical & chemical nature of soil as well as the relationships between soil, plants, animals & agricultural practices. Students examine properties of soil & land & their connections to plan & animal production.

ADV INT SCIENCE AG – AG2000 AG2001 (H)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP



This integrated honors class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry.

AMERICAN GOVERNMENT AG – AG4004 (P)

LENGTH: <input checked="" type="checkbox"/> One Semester <input type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Students will pursue a deeper understanding of the institutions of American Government in addition to the underlying economic principles that shape policies throughout the agriculture industry. They will complete an in-depth study of the system of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government.

AHC AG ECON 158 – AG5158

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input checked="" type="checkbox"/> AHC (AG 158) <input type="checkbox"/> A-G <input type="checkbox"/> AP

The place of agriculture and farming in the economic system; basic economic concepts and problems of agriculture; pricing and marketing problems, factors of production; and state and federal farm programs affecting the farmer's economic position.

AG MECHANICS I – AG6282 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input checked="" type="checkbox"/> AHC (AG 155) <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Designed to prepare students for employment in agricultural occupations including farm power,

construction, machinery and equipment, welding and other areas. It makes the student aware of the great need for an advanced educational background necessary to pursue a career in agriculture repair or general farming. The class is designed to teach basic shop skills. Taking class enables the student to participate in FFA activities.

ADVANCED AGRICULTURAL MECHANICS I – AG6680

AHC MECH AG 155 – AG6384 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

These courses are designed to prepare students for employment or entrepreneurship in agricultural occupations including farm power, construction, machinery and equipment, welding and other areas. Basic units on electricity, masonry and surveying are included as well as forklift operation. Students work on a variety of equipment and fabrication projects. These classes also prepare students to continue in advanced, post-secondary occupational training in this field.

AGRICULTURE WELDING TECH I – AG6234

AHC WELDING 106 – AG6388

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
PREREQUISITE:	None			
HOMEWORK:	Yes			
LAB FEE:	Yes			
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (Welding 106)	<input type="checkbox"/> A-G	<input type="checkbox"/> AP	

A course in theory, practice and application of various metal joining processes, including oxy-fuel welding, brazing, flame cutting, electric arc processes and an introduction to welding. The student will develop competencies in shop and tool safety. Math skills are also developed. Woodworking, rope work, plumbing, electrical and tool sharpening are also covered. Part II and III will be more extensive and are suited for students ready to do independent work.

AG COMMUNICATION & LEADERSHIP – AG6292 AG6293 (Elective Opt.) (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Leadership, communication skills, and work ethics are major contributing factors in today’s successful work force. This course is designed to instruct and train students to meet the necessary leadership and communication skills needed for a career in the agriculture industry. This course will provide instruction and meaningful experiences in personal development, career awareness and planning, management, and presentation of FFA leadership activities and Community Service Projects. Students will also be required to compile an individual career plan and portfolio.

AG FLORAL DESIGN – AG6102 AG6103 (P)
ADV FLORAL DESIGN – AG6104 AG6105 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Provides an introduction to artistic and creative perception including aesthetic valuing through a series of projects in various media including: plant, pencil, flowers, glass and a variety of papers. Students are also introduced to the elements and principles of visual art design such as line, shape/form, color, balance, and emphasis using a series of floral based projects to explore the connections, relations, and application to visual arts design.

ORNAMENTAL HORTICULTURE – AG7050 (P)
AHC AG 156 – AG5072 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input checked="" type="checkbox"/> AHC (Orn Hort) <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Students learn entry-level skills in ornamental and production plant growing and tending. Floral design, greenhouse structures are topics taught. Instruction includes plant propagation, soil mixtures and sterilization, irrigation, potting and canning, fertilizers, hydroponics, floral design, pesticides, disease/pest management, greenhouse structures and operations, plant identification, tools and materials, basic landscaping, computer, and business management. Advanced Ornamental Horticulture has students with additional responsibilities to Ornamental Horticulture. Responsibilities include business management and ordering.

VETERINARY MEDICINE – AG6296 AG6297 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Upon completion of this course, students will be academically and technologically proficient, having a basic understanding of veterinary science methods. Students will be able to apply critical thinking and decision-making skills, analyze, synthesize, and evaluate veterinary science information.

BUSINESS DEPARTMENT

ACCOUNTING/FINANCE – BU7035 BU7036



LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Learn to analyze, record, and interpret business transactions in the accounting cycle; learn about economic systems and develop a personal investment portfolio using Internet activities and accounting methods.

INTEGRATED MARKETING – BU6200 BU6201 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Learn about products/services, pricing, promotions, business management and entrepreneurship. **Gain work experience in operating and working in the Student Store* Counts for 4th year of H.S. English for seniors or A-G**

PERSONAL FINANCE – BU3003 BU3004

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Learn how to make informed real-world decisions about financial issues and personal financial decision skills that can be used for a lifetime. Topics include financing a career/college, banking, money management, use of credit, saving, investment, retirement planning, being a smart consumer, buying a home, a car, insurance, taxes and estate planning basics.

ENGLISH DEPARTMENT

9TH GRADE

ENGLISH 1 A/B – EN1011 EN1012 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

English 1 and English 1(H) is a two-semester course study which engages students in fiction and nonfiction texts and through the modes of reading, writing, grammar and usage, and speaking and listening (in alignment with Common Core 9-10 ELA SS). As part of this class, you will get to collaborate, contemplate, and discuss critically and constructively different cultures, contexts, textual features (such as characters, symbols, and themes) and rhetorical techniques of each work. You'll synthesize your understanding through portfolio projects that will demonstrate progress and acquired knowledge of standard English grammar and mechanics, as well as a sense of audience and author's purpose. When integrated with active discussions, seminars, and oral presentations, the English 1 and English 1(H) curriculum will ensure that you are ready to take on the world with rigorous and relevant academic work that prepares you for the futures that await you after graduation.

ENGLISH 1 A/B HONORS – EN1015 EN1016 (P)



LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Designed for honors English students. This course is designed to provide selected students with a qualitatively different and varied curriculum, which challenges and enriches their individual potential while maintaining the requirements of the basic course outline.

10TH GRADE

ENGLISH 2 A/B – EN2013 EN2014 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL:	<input type="checkbox"/> 9	<input checked="" type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

The course introduces students to literary treasures from unique cultures. Students will explore how different views on individuality, family, society, spirituality, morality, and liberty, enrich our own perceptions and identities while developing speaking, reading, writing, listening, and comprehension skills students need to pursue college and career goals. Course content is divided into seven units: Ourselves and Others, the Novel, Speeches, English Reading Writing and Curriculum Non-Fiction (ERWC), Drama, and Hard-Won Liberty. Instructional delivery and resources include interactive presentations, web portals, web apps, digitized texts, graphic novels, Canvas, audio, and video materials.

ENGLISH 2 A/B – HONORS- EN2019 EN2020 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Course will meet CA English Language Arts Standards for the 10th grade to include reading, writing, and communication skills. It is significantly more rigorous and covers more material in greater depth than English 2P. This course is intended to serve as pre-AP to prepare students for AP courses.

11th GRADE

CSU EXPOSITORY READING & WRITING – EN3100 EN3101 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

The grade 11 Expository Reading and Writing Course (ERWC) engages students in the discovery of who they are as persons, the realization of the ways in which they can participate in society, and their development as critical consumers and effective communicators within society. Employing a rhetorical, inquiry-based approach that fosters critical thinking, student agency, and metacognition, the course includes six full-length modules drawn from five categories: 1) American foundational documents; 2) American drama; 3) full-length books; 4) research; and 5) contemporary issues (two modules). In addition, the course includes five concept mini modules that address transferable skills applicable to conceptual development and practice across all modules, e.g., genre awareness, goal setting and self-assessment, rhetorical situation, Aristotelian appeals. The core structure of all the modules— the Assignment Template—progresses along an “arc” from reading rhetorically (preparing to read, reading purposefully, and questioning the text) to preparing to respond (discovering what you think) to writing rhetorically (composing a draft, revising rhetorically, and editing). By the end of the course, students will have read a range of literary and nonfiction text genres and produced 10-12 culminating projects, including academic essays, research reports, creative writing and performances, and multimedia presentations, from initial draft to final revision and editing.

AP ENGLISH 3 (LANGUAGE & COMP) – EN3017 EN3018 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input checked="" type="checkbox"/> AP	

Course will meet CA English Language Arts Standards for the 11th grade to include reading, writing, and communication skills. It is a significantly rigorous course that prepares students for the AP Exam and non-remedial college courses.

12th GRADE

CSU EXPOSITORY READING & WRITING – EN4030 EN4031 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

12th grade ERWC engages students in the discovery of who they are as persons, the realization of the ways in which they can participate in society, and their developments as critical consumers and effective communicators within society. Students will meet rigorous, college prep learning goals in reading, writing, listening, and speaking for all students while promoting student interest and motivation.

AP ENGLISH 4 (LITERATURE) – EN4026 EN4027 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input checked="" type="checkbox"/> AP

Course will meet CA English Language Arts Standards for the 12th grade to include reading, writing, and communication skills. It is a significantly rigorous course that prepares students for the AP Exam and non-remedial college courses.

MEXICAN AMERICAN/LATINO LITERATURE – EN4038 EN4039 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This course surveys the history, identity, and oral traditions of Mexican American and other Latina/o cultures through the lens of literature. It is a representative overview of Mexican American and Latina/o literature covering poetry, drama, novels, short stories, critical essays and other non-fiction texts. The course will include literary techniques, modes of expression, trends in Mexican American and Latina/o creativity, and will expose students to the richness and diversity that Mexican American and other Latina/o cultures have to offer.

ENGLISH LANGUAGE DEVELOPMENT COURSES

INTRO TO ELD A/B – EN6420 EN6421

INTRO TO ELD (LAB) – EN6430 EN6431

LENGTH:	<input type="checkbox"/> One Semester	<input type="checkbox"/> Year (10 Units)
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input type="checkbox"/> A-G <input type="checkbox"/> AP



This course is to help beginning English learners learn the fundamentals of English to communicate with others in and outside of school. This class will help you speak English! This course is the first in a series of designated English Language Development (ELD) courses and will also help to develop skills that will be essential in future English Language Arts courses.

INTERMEDIATE ELD A/B – EN6422 EN6423

INTERMEDIATE ELD (LAB) A/B - EN6432 EN6433

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input type="checkbox"/> A-G <input type="checkbox"/> AP

The overall goal of this course is to continue developing the fundamentals of English and to introduce more advanced skills in reading, writing, speaking, and listening. This course is the second in a series of designated English Language Development (ELD) courses and will build on skills from the Introduction to ELD course, targeting skills that will be essential in future English Language Arts courses.

ACCELERATED ELD (LAB) – EN6428 EN6429

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input type="checkbox"/> A-G <input type="checkbox"/> AP

The overall goal of this course is to continue developing the fundamentals of English and to practice more advanced skills in reading, writing, speaking, and listening, with an emphasis on reading. Additionally, the course will familiarize students with the terminology and strategies associated with the English Language Proficiency Assessment for California (ELPAC). The targeted skills will be essential for student success, not only in their English Language Arts courses, but also in passing the ELPAC. Passing this assessment with an overall score of 4 will allow the student to be considered for redesignation to English Fluent. To achieve this goal, students will interact with narrative, expository, and rhetorical texts in various ways, in order to demonstrate mastery of the English language. Students will be enrolled in English 1 concurrently.

ADVANCED ELD LAB 1 (9th)–EN6434 EN6435
ADVANCED ELD LAB 2 (10th)–EN6436 EN6437
ADVANCED ELD LAB 3 (11th)–EN6438 EN6439
ADVANCED ELD LAB 4 (12th)–EN6440 EN6441

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input type="checkbox"/> A-G	<input type="checkbox"/> AP	

The overall goal of this course is to continue developing the fundamentals of English and to practice more advanced skills in reading, writing, speaking, and listening, with an emphasis on reading. Additionally, the course will familiarize students with the terminology and strategies associated with the English Language Proficiency Assessment for California (ELPAC). The targeted skills will be essential for student success, not only in their English Language Arts courses, but also in passing the ELPAC. Passing this assessment with an overall score of 4 will allow the student to be considered for redesignation to English Fluent. To achieve this goal, students will interact with narrative, expository, and rhetorical texts in various ways, in order to demonstrate mastery of the English language. Students will be enrolled in English 1 concurrently

ELECTIVE ENGLISH COURSES

JOURNALISM I- EN6127 EN6128 (P)

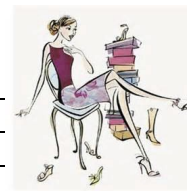


LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Students will develop knowledge and skills in writing news, editorials, sports, advertising and feature writing. Students edit copy, use computers to prepare articles for publication and develop confidence, creative techniques and learn to organize time to meet monthly deadlines. Suggested: students are encouraged to enroll in Journalism 2, newspaper production, in order to follow articles from inception to publication.

FAMILY CONSUMER SCIENCE (HOME ECONOMICS) DEPARTMENT

APPAREL/CONSTRUCTION & DESIGN- HE6254 HE6255 (P)



LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)	
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12	
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP	

This year long course focuses instruction on simple garment construction, appropriate uses of fabric, basic use of sewing machine, and other clothing construction tools. Students will be able to create fabric designs and learn about elements and principles of design. This course is designed to provide instruction in garment construction involving fundamental sewing principles techniques. Meets A-G requirement.

FASHION DESIGN- HE2022 HE2023

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)	
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12	
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP	

This course will provide students the opportunity to learn about all aspects of the fashion industry and a better understanding of fashion, textiles, and design. The emphasis of instruction is placed on fashion merchandising, fashion illustration, fashion history and fashion designers. Students will experience hands on merchandising skills and become acquainted principles and elements of design. Meets A-G requirement.

CHILD DEVELOPMENT- HE6260 HE6261



LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)	
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12	
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP	

Child development is a year-long course that provides students the skills and aptitudes to learn and apply knowledge and practical skills in the development, care, and guidance of children, and explores careers working with children. Students study prenatal development and the developmental ages and stages of children throughout adolescence. Focus is on the emotional, social, cognitive, and physical development and influence of heredity and environmental factors.

CULINARY ARTS I - HE6250 HE6251 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)	
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12	
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP	

This course will emphasize cooking and baking techniques, safety and sanitation, care of equipment, as well as nutrition and nutrition choices. Students will receive a hands-on experience with an emphasis on industry-based techniques. Students will have the opportunity to earn their e-food handler certificate.

CULINARY ARTS II- HE6570 HE 6571 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

The course will provide students opportunities for service-learning experiences including operating a student-run business; thus, enabling them to transition from school to career. Students will study all aspects of the industry, including safety regulations and safe food handling; nutrition, the newest technology in food preparation and service; customer relations; entrepreneurship; cost and profitability analysis; employment and management skills. Students will have the opportunity to earn their ServSafe Food Handler certificate.

PSYCHOLOGY & HEALTH OF CHILDREN – HE6290 HE6291

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

The Psychology and Health of Children provides an opportunity to learn about communication, reasoning and the importance of community. This course provides a student with a well-rounded, theoretical and practical foundation of the health and psychology of children, from pre-conception through adolescence. This class is a great opportunity for students to explore the possibility of an occupation working with children, and for their future as parents.

INDUSTRIAL TECHNOLOGY DEPARTMENT

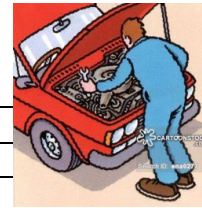
AUTO FUNDAMENTALS- IT6636 IT6637

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP

This course covers the entire modern automobile. Subjects covered include engines, engine systems, brakes, tires, suspensions, steering, transmissions, electrical systems, and air conditioning. Emphasis is placed on shop safety, tools, proper use of equipment and procedures.

ADVANCED AUTO MECHANICS- IT7005 IT7006

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP



This course is a continuation of Auto Fundamentals. This course is for students who have shown a desire to do independent, advanced work.

FOUNDATIONS OF TECHNOLOGY & ENGINEERING- IT7050 IT7051 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This course is designed to introduce students to a variety of fields in technology and engineering. Topics of study include alternative technology, architectural design, biotechnology, construction technology, environmental technology, manufacturing technology, materials science, and robotics. Students utilize real world testing equipment and design projects utilizing computer aided design programs, 3D printers, and CNC machines.

ADVANCED TECHNOLOGY & ENGINEERING- IT7052 IT7053 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

In this course, students strengthen their knowledge learned in Foundations of Technology & Engineering by using computer aided design programs like SolidWorks and expound on their familiarity with the engineering design process. During the course, students get to choose between multilevel projects such as designing a detailed architectural project from a themed-festival company, programming a robot for NASA to use on the moon, designing and manufacturing a guitar or working to combat malnutrition in developing countries by creating a solar project. Students have an opportunity to be creative while ensuring good engineering practices are utilized.

INTERNATIONAL LANGUAGES DEPARTMENT

FRENCH I- IL6182 IL6183 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This course is designed to introduce the student to basic communication skills in French. Students will communicate about their own activities, friends, and family. All skills for language development will be stressed: reading, writing, listening, and speaking. Students will also begin to learn about French culture and history. Individual and group work is required, and students will be expected to participate in producing short dialogues in French.

AHC FRENCH 101- IL6204 IL6205 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input checked="" type="checkbox"/> AHC (FRENCH 101) <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This is an Allan Hancock Concurrent Enrollment Class. You will receive acceptable credit to UCs and CSUs upon completion and by maintaining a grade of C or above.

This course is an introduction to the French language, presenting students with the basic skills for vocabulary and grammar recognition and use, as well as stressing pronunciation, oral skills, reading, and writing at the elementary level. Using a communicative style, students practice French grammar and vocabulary, sentence structure, and oral skills [listening and speaking]. This course also includes an introduction to cultural aspects of the French-speaking world.

AHC FRENCH 102- IL6202 IL6203 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input checked="" type="checkbox"/> AHC (FRENCH 102) <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This is an Allan Hancock Concurrent Enrollment Class. You will receive acceptable credit to UCs and CSUs upon completion and by maintaining a grade of C or above.

This course is a continuation of FRCH 101, presenting students with the basic skills for vocabulary and grammar recognition and use, as well as stressing pronunciation, oral skills, reading, and writing at the elementary level. Using a communicative style, students practice French grammar, sentence structure, vocabulary, and oral skills [listening and speaking]. This course also includes cultural aspects of the French-speaking world.

SPANISH I- IL6160 IL6161 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Students in this course will learn how to communicate about themselves, their family, their friends, and their interests. Students will be exposed to information about various Spanish-speaking cultures. Students work individually, in partnerships, and in groups to produce simple dialogues. Students are expected to gradually improve their skills so that they can respond in Spanish only.

SPANISH II- IL6162 IL6163 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Continues/advances skills started in the first-year course. Gaining appreciation and respect for Spanish-speaking people/nations; improved understanding, speaking, reading and writing of the Spanish language emphasizing a communicative approach. Continued development of pronunciation, intonation and rhythm; listening comprehension; spelling, asking/answering questions in both written and oral modes; vocabulary; grammatical concepts.

SPANISH III- IL6164 IL6165 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Students will continue to practice exchanging personal information and responding to a variety of situations. Confident dialogue concerning past, present, or future circumstances will be expected. The greatest challenge this year will be learning how to express their hopes, wishes, expectations for, and emotional responses to, other people in the target language. The students will sample short works of literature.

SPANISH IV A/P SPAN. LANGUAGE – IL6166 IL6167 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Spanish 4A and Spanish 4B are designed to give the students advanced training in the language. Students will receive instruction (including, but not limited to) through the following strategies, communication based instruction, literature based instruction, student individual and group projects, and multi-media approaches that incorporate the national standards of comparisons, connections, and communities. Students will also gain skills in understanding, speaking, reading, and writing Spanish; gain respect for other people and cultures; and gain an appreciation of the history of Spanish speaking peoples. Special emphasis will be placed on the history, culture, and literature in Spanish.

SPANISH FOR SPAN. SPEAKERS I- IL6174 IL6175 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Designed for students who are fluent in spoken, informal Spanish and who need to improve their writing, reading, and grammar skills. Emphasis is on the mastery of formal, academic language skills in Spanish. Student communication will include interpersonal, interpretive, and presentational modes. The course includes the study of the fundamentals of grammar, writing, and the geography, history, and culture of Spain and the Americas. This course is conducted entirely in Spanish.

SPANISH FOR SPAN. SPEAKERS II- IL6176 IL6177 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

College prep course designed for students who have fluency in the Spanish language and have completed Spanish for Spanish Speaking I or received permission from the instructor. To improve the Spanish speaking, reading and writing skills of Spanish speaking students. The course is also designed to prepare students to enter the third year of Spanish which is AP Spanish Language and Culture.

AP SPANISH LANGUAGE AND CULTURE- IL6170 IL6171 (AP)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input checked="" type="checkbox"/> AP

Designed for advanced language students who wish to meet college requirements for credit through the AP program and examination. The class is open to "standard" students (those who have studied Spanish only in school) and "nonstandard" students (those who have studied Spanish abroad or who have learned at home). Purpose is to prepare students to take the Spanish Language and Culture Advanced Placement exam. Successful completion of this examination will qualify students to receive college credit.

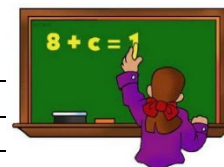
AP SPANISH LITERATURE AND CULTURE- IL6172 IL6173 (AP)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input checked="" type="checkbox"/> AP

Designed for juniors and seniors (others with permission from instructor) that meet the foreign language admission requirements for the CSU and UC university system. Purpose is to prepare students to take the Spanish Literature Advanced Placement exam. Successful completion of this examination will qualify students to receive college credit for comparable college.

MATHEMATICS DEPARTMENT

2 YEAR ALGEBRA I C/D- MA6052 MA6053 (P)



LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

This course is the continuation of a 2-Year study of Algebra 1. Topics include: factoring polynomials, solving quadratic equations, the quadratic formula, systems of equations, graphing linear and quadratic functions. Successful completion of this course satisfies the math graduation requirement.

MATH DEVELOPMENT – MA6000 MA6001

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Students will improve their confidence, work habits, and the foundational skills needed to be successful in their Integrated Math course. Students will be expected to work collaboratively, individually, and demonstrate their learning through the Standards of Mathematical Practice. The teacher will supplement the math content as necessary with additional algebra skills, real-world problem-solving activities, enrichment activities, team building, growth mindset activities, and time for questions to be addressed. All work will be completed in class and limited time will be designated for Integrated Math course homework.

*The units earned in this course are elective units and do not meet the required math units for SMJUHSD graduation. The course is graded on a CR/NC basis.

INTEGRATED MATH I – MA6200 MA6201 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Integrated Math I is the first course of a three-year college preparatory sequence including Integrated Math I, Integrated Math 11, and Integrated Math III. This course satisfies the California Common Core Standards for Integrated Math I and is intended for all ninth graders. Integrated Math I builds and strengthens students' conceptual knowledge of algebra, geometry, and statistical concepts from middle school math. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students will be exposed to rich instruction that develop their conceptual understanding, procedural skills, problem solving skills, critical thinking abilities, and strengthen situational analysis abilities.

INTEGRATED MATH II – MA6202 MA6203

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Integrated Math II is the third and final course of a three-year college preparatory sequence including integrated Math I, Integrated Math II, and integrated Math III. This course satisfies the California Common Core Standards for Integrated Math III. Integrated Math III builds and strengthens students' conceptual knowledge of algebra, geometry, trigonometry, and statistical concepts from integrated Math II and develops the foundation for logarithmic and trigonometric functions. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students will be exposed to rich instruction that develops their conceptual understanding, procedural skills, problem-solving skills, critical thinking abilities, and strengthen situational analysis abilities.

ACCELERATED INT MATH I/ACCELERATED MATH II –MA6200 MA6201/MA6202 MA6203

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

ALGEBRA II- MA6068 MA6069 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This is a two-semester course designed to solidify the basics of Algebra as well as introduce the students to some new topics. They also will collaborate with others, use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments in order to justify their thinking. The topics covered include: finding connections between multiple representations of functions, transformations of different function families, rational expressions, finding inverses of various functions, complex numbers, logarithms, finding zeros of polynomials and connecting them to graphs and equations of polynomials, understanding the role of randomness and the normal distribution in making statistical analysis, and series.

MATH ANALYSIS- MA6552 MA6553 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This course is designed as a preparatory course for Calculus covering topics such as sequences and series, limit concepts, the algebra of vectors, plane analytic geometry with trigonometry and relations and functions, conic sections, systems of equations, exponential and logarithmic functions, sequences and series, trigonometry, circular functions and graphs, as well as many others.

AP CALCULUS- MA6550 MA6551 (P)



LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input checked="" type="checkbox"/> AP

This course is designed to prepare the student for the Calculus Advanced Placement AB Exam. Topics include: functions, graphs, limits and continuity; the concept of the derivative and its applications; introduction of integration, the fundamental theorem of calculus, area and volume, length of a curve and direction fields. This course represents two-thirds of a full-year college-level Calculus sequence.

STATISTICS – MA6580 MA6581

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Probability and Statistics courses typically cover topics such as independent events, conditional probability, discrete random variables; standard distributions; mean, median, and mode; variance and standard deviation; and data organization. Probability and Statistics Courses present students with the opportunity to get an introduction to the study of probability, interpretation of data, and fundamental statistical problem solving and gain a solid foundation in probability theory and calculations and processing statistical information.

PHYSICAL EDUCATION DEPARTMENT

P.E. COURSE I- PE1032 PE1033 (9th Grade Only)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP

The purpose of this course is to introduce 9th graders to a sampling of dual and individual activities. It is the goal of the P.E. Department to get students excited about physical activity as a healthy means to relieving the stresses of everyday life. We hope that the students will chose to continue their investment in themselves by maintaining the fitness goals developed during their 9 PE course. Social interaction at this grade level is paramount and through an introduction of a variety of activities the department hopes to foster an environment that promotes the creation of new relationships within each co-educational class.

Course 1 activities will include: Aquatics (principles of buoyancy, basic swim strokes, and general water safety), Rhythm/Dance (Folk, Country line dance, Hip Hop and Free-style), and Physical Fitness/Health related Topics (development of personalized fitness plans, research occupational fitness requirements as well as consumer products and programs available within their community). Additional individual and dual activities may include: Track and Field, Orienteering (including understanding inherent risks associated with physical activity in extreme environments), Badminton, Frisbee Golf, Tennis or Pickle Ball, and "New Games". Each student will continually develop and work toward a personalized fitness program while preparing for the State Physical Fitness Tests.

P.E. COURSE II- PE2001 PE2002 (10th – 12th Grades)

LENGTH: <input type="checkbox"/> One Semester <input type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP

As in Course 1, Course 2 will continue to meet the State goals of: developing proficient movement skills in each area of physical education; expand the capabilities for independent learning; and examine practices that allow for sound decision making to enhance successful participation in movement activities. Course 2 however, will focus on Team Sports (including the history of the games, rules and strategies) and will include an introduction to the fundamentals of Gymnastics/Tumbling, as well as basic combative games or modes. Students will be offered a variety of team sports and will analyze the skills and strategies in greater depth in order to apply biomechanical principles to a variety of movements. It is our goal that students will become aware of the many options they have in regard to recreational activities outside of the school environment for their own pursuit of individual excellence, as well as the various career opportunities in physical education and other related fields of study.

HEALTH AND FITNESS – PE6003 PE6004 (G Elective)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

The purpose of Health and Fitness is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. This year-long course provides opportunities to prepare for and implement healthy actions and set personal goals. Students will engage in daily physical activity, design a personal fitness plan, and monitor progress as they implement their fitness plans. Nutrition, personal health, mental and emotional health, and other healthy lifestyle topics are covered.

P.E. COURSE III- AQUATICS – PE6003 PE6004

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP

This course will provide students with the opportunity to further explore a physical activity in search of one they can enjoy and participate in for a lifetime. Students will expand their capabilities for independent learning; and they examine practices that allow for sound decision making to enhance successful participation in movement activities. This course will concentrate in the area of aquatic activities (i.e. swimming, snorkeling, water polo, synchronized swimming, etc.)

P.E. COURSE III- WEIGHTS A/B – PE6011 PE6012

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP

Weight Training and Fitness Activities is an elective class designed to be taken after successful completion of PE Course 1 & 2. This course will provide students with the opportunity to further explore a physical activity in search of one they can enjoy and participate in for a lifetime. Students will expand their capabilities for independent learning; and they examine practices that allow for sound decision making to enhance successful participation in movement activities. This course will concentrate in the area of team, individual and dual activities (i.e. weights, cardio equipment, stretching, polymeric, etc.).

P.E. COURSE IV- ADV WEIGHTS – PE6365 PE6370

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP

PE Course 4 – Advanced Team, Individual or Dual Activities is designed as an elective class and a continuation of Course 3. It is intended for students who have completed Course 3 and who want an intensive experience in an activity that they may wish to participate in for years to come. Students will expand their capabilities for independent learning and examine practices that allow for sound decision making to enhance successful participation in movement activities.

SCIENCE DEPARTMENT

PHYSICS OF THE UNIVERSE- SC6651/SC6652 (P)


LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units) Physical Science
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

**This course is aligned with the NGSS Physical Science and Earth Science Standards required for CAST.

Physics of the Universe A/B (P) course is aligned to the California Next Generation Science Standards (CA NGSS) and the California Science Framework High School Three-Course Model. Students in this course will learn content based on the three dimensions of CA NGSS science: Science and Engineering practices (SEPs), Disciplinary Core Ideas (DCIs), and Crosscutting Concepts (CCCs). The course is divided into seven units including the six instructional segments from the California Science Framework and is centered on questions about a specific phenomenon. As students achieve the Performance Expectations (PEs) within the unit through laboratory experiments, Projects and in-class demonstrations, they uncover Disciplinary Core Ideas (DCIs) from Physical Science, as well as Earth and Space Science. Students engage in multiple Science and Engineering Practices (SEPs) in each unit, not only those explicitly indicated in the PEs. Students also focus on one or two Crosscutting Concepts (CCCs) as tools to make sense of their observations and investigations. This course will provide a foundation in the laws of physics to support students understanding of the processes that shape Earth and space systems.

Physics of the Universe A/B is a “d” level UC Course and meets the District Graduation requirement for physical science.

BIO LIVING EARTH- SC6100/SC6101 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units) Life Science	
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12	
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP	

**This course is aligned with the NGSS Life Standards and Earth Science Standards as required for CAST.

Biology: The Living Earth A/B (P) is a laboratory-based college preparatory course. This course is defined in the 2019 California Science Framework, integrating Biology and Earth and Space Science standards from the California Next Generation Science Standards (NGSS). The course is divided into seven units, the first of which is a unit that focuses on executive science skills. The following six Instructional Segments (I.S.) centered on questions about observations of a specific phenomenon. The units address the concepts of ecosystem interactions, energy flow in a system, evolution, genetics, cell theory, and climate change. Different phenomena require different amounts of classroom investigative time to explore and understand, so each Instructional Segment should take a different fraction of the school year. As students achieve the Performance Expectations (PEs) within the unit, they uncover Disciplinary Core Ideas (DCIs) from Life Science, Earth and Space Science, and Engineering. Students engage in multiple Science and Engineering Practices (SEPs) in each unit, not just those explicitly indicated in the PEs. Students also focus on one or two Crosscutting Concepts (CCCs) as tools to make sense of their observations and investigations; the CCCs are recurring themes in all disciplines of science and engineering and help tie these seemingly disparate fields together.

Biology: The Living Earth AB is a “d” level UC course and meets the District Graduation requirement for laboratory life science.

CHEMISTRY IN THE EARTH SYSTEM - SC6653/SC6654 (P)

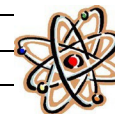
LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units) Physical Science		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

This course is aligned with NGSS Physical Science, Chemical Science and Earth Space Science standards required for CAST.

Chemistry in the Earth System A/B (P) is a laboratory-based college preparatory course. This course is defined in the 2019 California Science Framework, integrating Chemistry and Earth and Space Science standards from the California Next Generation Science Standards (NGSS). The course is divided into seven units, the first of which is a unit that focuses on executive science skills. The following six Instructional Segments (I.S.) center on questions about observations of a specific phenomenon. The units address the concepts of combustion, heat and energy in the Earth System, atoms, elements, and molecules, chemical reactions, and the chemistry of climate change. Different phenomena require different amounts of classroom investigative time to explore and understand, so each Instructional Segment should take a different fraction of the school year. As students achieve the Performance Expectations (PEs) within the unit, they uncover Disciplinary Core Ideas (DCIs) from Physical Science, Earth and Space Science, and Engineering. Students engage in multiple Science and Engineering Practices (SEPs) in each unit not just those explicitly indicated in the PEs. Students also focus on one or two Crosscutting Concepts (CCCs) as tools to make sense of their observations and investigations; the CCCs are recurring themes in all disciplines of science and engineering and help tie these seemingly disparate fields together.

PHYSICS- SC6608 SC6609 (P)


LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units) Physical Science		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	



**This course is aligned with subject-related NGSS Physical Science standards.

Physics A/B (P) course fulfills the general education requirement for a semester of **physical science** and is available to 11th and 12th-grade students who meet the prerequisite requirements. Physics A/B (P) is a year-long course with the purpose of presenting an advanced study of the physical properties of matter and energy. The course is divided into five major units: Mechanics, Properties of Matter; Waves, Sound and Light, Electricity and Magnetism; and Modern Physics. Passing both terms of this course student will meet the physical science unit **graduation requirement** and the **UC laboratory science requirement**.



AP PHYSICS/Concurrent AHC PHYSICS 100- SC6625 SC6648 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units) Physical Science			
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10		<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (Physics 100)			<input checked="" type="checkbox"/> A-G	<input checked="" type="checkbox"/> AP

This course is aligned with the **College Board Advanced Placement Physics 1 Curriculum Framework.

AP Physics 1 A/B (P) course is available to 11th and 12th grade students who meet the prerequisite requirements. Grades earned in this course are calculated on a 5-point scale and are therefore weighted. AP Physics is a year-long course designed for high school students as an opportunity to earn AP credit on their high school transcript, as well as placement credit for an introductory college-level science course. Students who earn a qualifying score on the AP Physics 1 Exam are typically eligible to receive college credit and placement into advanced science courses in college. AP Physics 1 is a year-long course designed to be taken by students after the successful completion of either high school physics or chemistry. AP Physics 1 is divided into four major units to be covered at an introductory collegiate level: classical mechanics, electricity and magnetism, waves and optics, and modern physics. Students will participate in numerous laboratory experiments and are expected to take the College Board Advanced Placement Exam. Successful completion of this course allows students **UC-approved “d” level science designation**.

ENVIRONMENTAL SCIENCE- SC6633 SC6634 (P)

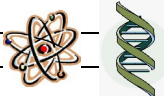
LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units) Interdisciplinary/Physical/Life Science	 		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10		<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC			<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP

This course is aligned with the subject **related NGSS Physical and Life Science Standards.

Environmental Science A/B (P) course fulfills the general education requirement for physical science and is available to 11th and 12th-grade students who meet the prerequisite requirements. Environmental Science is a year-long course designed for high school students and is a multidisciplinary science course that provides students the opportunity to learn about and develop an appreciation for the Earth’s environment. Concepts will be taught from a rigorous science perspective that stresses scientific principles and analysis and includes a laboratory component. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will examine natural and man-made environmental problems, considering alternatives for solving or preventing them. Issues will be studied from scientific, sociological and political perspectives. This course fulfills a **UC “d” level college requirement for lab science**

Intended to enable student to undertake, as first year college students, a more advanced study of topics in environmental science.


AP ENVIRONMENTAL SCIENCE – SC1050 SC1051 (AP)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units) Laboratory Science			
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10		<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G		<input checked="" type="checkbox"/> AP	

Advanced Placement Environmental Science is multidisciplinary; it embraces a wide variety of topics from different areas of study. It will be taught from a rigorous science perspective which stresses scientific principles and analysis, and includes a laboratory component. Environmental issues will also be studied from sociological and political perspectives. It is intended to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science, or alternatively, to fulfill a basic requirement for a laboratory science and thus free time for taking other courses.

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the relationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

FORENSIC SCIENCE- SC3055 SC3056 (P)


LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units) Physical Science			
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10		<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input type="checkbox"/> A-G		<input type="checkbox"/> AP	

This course is aligned with the subject related **NGSS Physical and Life Science Standards.

Forensic Science A/B (P) is an upper-division, two-semester course that will increase a student's knowledge and practical application of current methodologies utilized in the area of a crime scene investigation. This is a class that will provide an avenue for student to use the scientific method to solve real-life crime situations. Students will use logical and critical thinking skills to process and evaluate information and evidence in order to arrive a successful solution to any number of scenarios based on actual and mock crime scenes. Students must apply their knowledge of biology, chemistry, physics, and biotechnology in order to develop solutions within a forensic science context.

Successful completion of this year-long course will result in completion of **UC "d" level lab science requirement**.

PHYSIOLOGY & ANATOMY- SC6616 SC6617 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units) Life Science			
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10		<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G		<input type="checkbox"/> AP	

This course is aligned with the subject related **NGSS Life Science Standards.

Physiology/Anatomy A/B (P) course is available to 11th through 12th-grade students who meet the prerequisite requirements. Physiology/Anatomy is a year-long course designed to support students with an interest in the human body. The in-depth study of cells, tissues of the skin (Integumentary System), Skeletal system, Muscular System, and Nervous System will peak student interest in the fall. Our study continues with Senses, Endocrine System, Blood Cardiovascular System, Lymphatic System, Digestive System, Respiratory System, Urinary System. The student's understanding of all the systems will be applied through Case Studies and detailed dissection of the Mink mammal.

Passing both terms of this course student will meet the **UC laboratory science requirement**.

SOCIAL SCIENCE DEPARTMENT

10th Grade

MODERN WORLD HISTORY- SS2030 SS2031 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Students in grade 10 study major turning points that shaped the modern world, from the late 18th century through the present, including the cause and course of the two world wars. They trace the rise of democratic ideas and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations. They extrapolate from the American experience that democratic ideals are often achieved at a high price, remain vulnerable and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives.

AP WORLD HISTORY- SS2040 SS2041 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input checked="" type="checkbox"/> AP



This course is a social science course intended to prepare students to pass the Advanced Placement examination in World History. This course is open to qualified sophomores in lieu of Modern World History. Dealing with the time period 1000 AD to present, the course focuses on the impact of interactions among major societies, the relationship of change and continuity across the world during these time periods, the impact of technology and demography on people and environment, systems of social structure and gender structure, cultural and intellectual developments and interactions among and within societies, and changes in functions and structures of states and in attitudes toward states and political identities including the emergence of the nation-state.

ETHNIC & SOCIAL JUSTICE IN MWH SS2300 SS2301

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This course will teach Modern World History from the perspectives of ethnic, racial or marginalized groups reflecting narratives and points of view rooted in that group's lived experiences and intellectual scholarship – one which emphasizes the role of justice, power, race and gender in Modern World History. Tenth-grade students typically are taught World History through a Eurocentric lens, leaving most students to question where they see themselves in world history. In this World Cultures course, students will examine world history through a purposeful lens of the world cultures that helped shape the modern world. The time frame for this course will be from the late eighteenth century (1700s) to the present day (2000s). This includes the rise of democratic ideas and their influence on the development of government and the relationship between it and the individual. Students will trace the ideas and develop their understanding of the historical roots of current world issues. The essential historical question/year-long inquiry will pivot around the relationship between the individual and the state. Students will extrapolate from the global experience that democratic ideals are often achieved at a high price – bloody revolutions with a high human toll. They too can conclude that democracies are vulnerable, fragile, and at-risk. Likewise, the global perspective will demonstrate the absence of Western, political values in many places worldwide. Moreover, through an in-depth study of individual events and people, students can trace the development of even larger themes, such as the quest for liberty and justice, the influence and redefinition of national identity, and the rights and responsibilities of individual citizens.

11th Grade

US HISTORY – SS3032 SS3033 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Students will study major turning points in American history with a focus on the 20th century. Following a review of early American history and the enlightenment ideals that shaped the nation, students will focus on the impact of industrialization and new technology on the economics, politics and culture of the nation. Another major theme will include immigration patterns and the ethnic composition of American society and how it has shaped movements toward equal rights for racial minorities and women. Students will also study the rise of the U.S. as a major world power. A continuing theme will be an understanding of the expansion of the role of the federal government and the tension and delicate balance between the individual and the state. Students will understand the rights given to American citizens in the U.S. Constitution and be encouraged to take a more active role in society to continue to preserve and protect those rights.

AHC US HISTORY 107/AHC US HISTORY 108 – SS3028 SS3029 (C)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input checked="" type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

A brief survey of United States history (New World exploration to the present), and its method of research through critical thinking involving the economic, political, international, and ethnic factors fundamental for understanding the nation's origins and growth.

ETHNIC & SOCIAL JUSTICE IN USH- SS3038 SS3039 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Course will teach U.S. History from the perspectives of ethnic, racial or marginalized groups reflecting narratives and points of view rooted in that group's lived experiences and intellectual scholarship – one which emphasizes the roles of justice, power, race, and gender in American history.

12th Grade

AP US GOVERNMENT/ AP MACRO ECONOMICS - SS4037 SS4039 (AP)

LENGTH:	<input checked="" type="checkbox"/> One Semester	<input type="checkbox"/> Year (5 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input checked="" type="checkbox"/> AP	



This is a college course taught at the high school. Students must possess both writing and reading skills at an advanced level to be successful. This course in United States Government and Politics is designed to give students a critical perspective on politics and government. It involves both the study of general concepts used to interpret United States politics and the analysis of specific case studies. It also requires familiarity with the various institutions, group beliefs, and ideas that make up the American political reality. The course is designed to prepare the student to take the Advanced Placement Examination in hopes of receiving college credit. Materials and Lessons are aligned with College Board Standards and exceed California Standards.

AHC POLS 103 AMERICAN GOVERNMENT SS 4001 (C)

LENGTH:	<input checked="" type="checkbox"/> One Semester	<input type="checkbox"/> Year (5 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (POLS 103)	<input checked="" type="checkbox"/> A-G		

Political Science 103 is an in-depth study of the structures and functions of our political institutions and the impact of the American political system at the national, state, and local level. This is a college course taught at the high school. Students must possess both writing and reading skills at an advanced level to be successful. This course is designed to give students a critical perspective on politics and government. It involves both the study of general concepts used to interpret United States politics and the analysis of specific case studies. It also requires familiarity with the various institutions, group beliefs, and ideas that make up the American political reality. The key to being successful in this course is a detail understanding of the interplay and linkage between the structures of government and the role of politics. This course satisfies part of the history and government requirements for the CSU, UC, Allan Hancock College, and many private colleges. Acceptable for credit: CSU, UC.

AP MACRO ECONOMICS- SS4039 (P)

LENGTH: <input checked="" type="checkbox"/> One Semester <input type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input checked="" type="checkbox"/> AP

The purpose of the AP course in macroeconomics is to give students a thorough understating of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determinations, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

US GOVERNMENT/US ECONOMICS (P) SS4036 SS4041

LENGTH: <input checked="" type="checkbox"/> One Semester <input type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This is a one-semester course designed to expose students to an understanding of economic problems and institutions. They are taught economic reasoning while exploring basic content in supply and demand, scarcity, structure and function of business organizations, Banking, Federal Reserve System, tax structure, and the role of government in the American economy. They are also shown the relationship of the American market economy and labor and their role in the global setting. Analysis of graphs, statistics and charts are key element of the course. Materials and lessons are aligned with CaliforniaStandards.

ETHNIC & SOCIAL JUSTICE AMERICAN GOVERNMENT – SS2302

LENGTH: <input checked="" type="checkbox"/> One Semester <input type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

The curriculum for the course will be completed in a semester. The semester will focus on the fundamentals of American government structures and political systems, using issues of social justice to illustrate the real-world application of theory and concepts.

This course is designed to take an in-depth approach to the study of government, exploring the nature of government, government organization, powers, and functions, as well as economic, political, and social principles and their implementation in the American Government over time. Students will learn various political principles of government theory and structure, as well as differing perspectives that support these structures and theories. This course will also include the United States' government and various administrations' involvement in domestic and foreign affairs.

SOCIAL STUDIES ELECTIVES

CHICANO/LATINO STUDIES- SS6007 SS6008 (P)



LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This course explores Latino experiences from pre-Columbian civilizations to the present. It is an interdisciplinary course that investigates the diversity of Chicano/Latino culture as it is conditioned by the intersections of race, class, gender, regional variation and power. Through culturally relevant curriculum, this class will provide a historical, political, and economic analysis of Chicano/Latino people's quest for equality. This course will address the Chicana/o Movement, immigration, literature, music and film to discuss the factors that contribute to the formation of Chicano/Latino identity today.

PSYCHOLOGY- SS6152 SS6153 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Beginning with a study of perception, students explore the various psychological perspectives that attempt to explain human behavior. Units include development, needs and motivation, cognitive processing and dreams, personality, disorders, and social cultural influences that may contribute to our development. This survey course meets A-G requirements and is highly recommended for students interested in the broad range of careers that require knowledge of people.

CAREER TECHNICAL EDUCATION - CTE

CONSTRUCTION

AGRICULTURAL FARM

INTRODUCTION TO SUSTAINABLE AGRICULTURE AHC AG153 (Y)

AGRICULTURE PRODUCTION ENTERPRISE AHC AG 190 – AG7010 (F)

AGRICULTURE PRODUCTION ENTERPRISE AHC AG 191– AG7020 (S)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (AG7010/20)	<input type="checkbox"/> A-G	<input type="checkbox"/> AP	<input checked="" type="checkbox"/> CTE Concentrator/Completer

This pathway consists of three AHC courses: AHC AG 153 Introduction to Sustainable Agriculture, AHC AG 190/191 Agriculture Production Enterprise (Fall-Winter/Spring). This pathway provides an opportunity to help run the Mark Richardson Center Student Farm. Students will gain the ability to design and implement basic farming techniques that can be used on either a small or medium-size farm during Fall-Winter and then Spring-Summer crop seasons. Students will develop fundamental management, business, cultivation, and harvesting techniques throughout this course. At the end of the course, students can apply the necessary skills learned to start their own small-scale farm or apply them in the local agriculture industry. Produce safety will also be addressed. Outdoor labor is required. *(Concurrent/Grade Bump/CSU Transferrable)*

Certifications: OSHA 10 Safety, Icev, MRC Forklift

INTERMEDIATE RESIDENTIAL & COMMERCIAL CONSTRUCTION ND7040

ADVANCED RESIDENTIAL & COMMERCIAL CONSTRUCTION ND7041

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (ND7040/41)	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	<input checked="" type="checkbox"/> CTE CONCENTRATOR/COMPLETER

This pathway is a pre-apprenticeship with the Carpenters Union. This pathway prepares students for entry level employment within the construction field via a general contractor, or trade union (e.g. electrician, carpenter, plumbing etc.) or to continue in the Construction Technology Program at Cuesta College or Construction Management Program at Cal Poly. Skills studied include framing, electrical, plumbing, weatherization, blueprint reading, drywall, tile setting, roofing, heavy equipment operation and more

Certifications: OSHA 10 Safety, Forklift, Carpenters Union Certifications

CULINARY

SANITATION, SAFETY & EQUIPMENT AHC CA124 – HE7124 (F)

BAKING & PASTRY AHC CA121 – HE121 (S)

PRINCIPLES OF FOODS1 AHC CA120 – HE 7120

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year
GRADE LEVEL:	<input type="checkbox"/> 9 <input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (CA124/121/120) <input type="checkbox"/> A-G <input type="checkbox"/> AP <input checked="" type="checkbox"/> CTE Concentrator/Completer	

This pathway consists of three AHC courses and prepares students for further study in Culinary at AHC or a university. In this program students apply culinary techniques, food science technology and nutritional science principles to the production of quality food. Entry-level positions may include food preparation, line cook, entry level food and beverage service positions. Through further study, skills are transformed into careers such as corporate executive chefs, directors for food research and development, flavorists, food scientist/technologists, menu development professionals, product assurance and development. *(Concurrent/Grade Bump/CSU Transferrable)*

Certifications: Food Handler's, Safe Serv.

CYBER SECURITY

PC PREVENTATIVE MAINTENANCE AHC EL105 – ND7105 (Y)

NETWORKING ESSENTIALS I AHC EL106 – ND7106 (F)

NETWORKING ESSENTIALS II AHC EL107 – ND7107 (S)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year
GRADE LEVEL:	<input type="checkbox"/> 9 <input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (EL106/107) <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP <input checked="" type="checkbox"/> CTE Concentrator/Completer	

This pathway is designed to provide students with knowledge of and laboratory experiences with current and emerging computer networking technology. Focus will be on LANs, WANs, OSI models, IP addressing, cabling, CompTIA Network+, and network standards; the theory behind the various kinds of network architectures and data transmission methods, and the use of decision-making and problem-solving techniques in applying science, mathematics, and communication concepts to solve networking problems. Instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment. Emphasis will be placed on the Cisco System Certification. *(Concurrent/Grade Bump/CSU Transferrable)*

Certifications: COMPTIA, CISCO.

DIESEL MECHANICS

AUTOMOTIVE FUNDAMENTALS AHC AT100 – IT7020 (F)

AUTOMOTIVE ELECTRICITY AHC AT303 – IT7021 (S)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (AT100/303)	<input type="checkbox"/> A-G	<input type="checkbox"/> AP	<input checked="" type="checkbox"/> CTE Concentrator/Completer

This pathway consists of two AHC courses and is designed to prepare students for a variety of entry-level positions involving medium/heavy duty diesel repair. These positions may include work on over the road trucks, tractors, construction equipment and more generally in the diesel sales, repair, and support industry. Learned skills include the ability to diagnose and repair diesel engines. Local partners include Quinn CAT, John Deere and Santa Maria Truck Center (Freightliner/Mercedes) *(Concurrent/Grade Bump/CSU Transferrable)*

Certifications: SP2 Safety, Automotive HVAC, ASE Student Certs, Get Ahead - Freightliner

METAL SHOP: ENGINEERING AND INDUSTRIAL DESIGN

SURVEY OF MACHINING AND MANUFACTURING AHC MT109 – IT7109 (S)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (MT109)	<input type="checkbox"/> A-G	<input type="checkbox"/> AP	<input checked="" type="checkbox"/> CTE Completer

SOLIDWORKS 1 AHC MT113 – IT5000 (F)

MASTER CAM AHC MT116 – IT5001 (F)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year		
GRADE LEVEL:	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input checked="" type="checkbox"/> AHC (MT113/116)	<input type="checkbox"/> A-G	<input type="checkbox"/> AP	<input checked="" type="checkbox"/> CTE Concentrator

This pathway consists of three AHC courses and is designed to prepare students for variety of entry level positions in a manufacturing environment. Positions may include manual machine operator, computer numerical control (CNC) operator, computer aided drafting and manufacturing (CAD/CAM) designer, manufacturing generalist or programmer. Learned skills may include the ability to operate conventional and computer numerical controlled (CNC) machinery, program CNC machinery, operate various CAD/CAM systems and interpret blueprints, material handling and quality control. *(Concurrent/Grade Bump/CSU Transferrable)*

Certifications: OSHA 10 Safety, HAAS Machine Operator Certification, Solidworks.

VISUAL & PERFORMING ARTS DEPARTMENT

ADVANCED MARCHING BAND/SYMPHONIC WIND ESEMBLE – VP6562 VP6563

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Advanced Band (Marching/Symphonic Wind Ensemble) is designed to refine skills and knowledge that will enhance one's understanding and enjoyment of music. It is a continuation of instruction on the basics of playing the chosen band instrument started in Beginning Band and Intermediate Band, with added emphasis on refining musicianship, and band performance skills through study and performance of a variety of appropriate band literature. A reasonable amount of practice time is required.

Students will experience and discover the world of music through hands-on work with a wind or percussion instrument. Students will learn musical terminology, rhythmic figures and advanced musical notation skills. Participation in Advanced Band also includes participation in the Marching Band. The instruments being offered are: flute, oboe, clarinet, bassoon, alto saxophone, tenor saxophone, baritone saxophone, trumpet, French horn, trombone, baritone tuba, and pitched and unpitched percussion.

ART I A/B – VP6500 VP6501 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This is a beginning art course in design and drawing. It is taught as an introduction to visual arts. Art 1A focuses on the study of design – the language of art. Projects will focus on mastering the elements and principles of design. Art 1B focuses on learning the basics of visual and imaginative drawing.

ART II A/B – VP6432 VP6433

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

This is a two semester intermediate level art course with a focus on helping students develop skills in painting and pencil rendering through observation and application of art principles. This course will build on existing knowledge of art making skills and design concepts complimented by art history, theory, appreciation and criticism. Students will complete projects and discussions designed to build on their understanding of the fundamentals of drawing and painting as a process, and its relation to space, color, and form. Students will improve their techniques in the mediums that they have previously explored and will be introduced to a new set of materials. Disciplines in both two dimensional and three dimensional art; such as advanced drawing (from observation, memory and imagination), advanced painting, collage, and sculpture will be the focus of this class.

BEGINNING MARCHING/SYMPHONY BAND – VP6102 VP6103 (P)



LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Beginning Band (Marching/Symphony Band) is designed to develop upon previous skills and knowledge that will enhance one's understanding and enjoyment of music. It is a continuation of instruction on the basics of playing the chosen band instrument started in junior high school band, with added emphasis on developing musicianship, and band performance skills through study and performance of a variety of appropriate band literature. A reasonable amount of practice time is required.

Students will experience and discover the world of music through hands-on work with a wind or percussion instrument. Students will learn musical terminology, rhythmic figures and basic musical notation skills. Participation in Beginning Band also includes participation in the Marching Band. The instruments being offered are: flute, oboe, clarinet, bassoon, alto saxophone, tenor saxophone, baritone saxophone, trumpet, French horn, trombone, baritone, tuba, and pitched and unpitched percussion.

CERAMICS – VP7502 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Ceramics is a one year course in focusing on the clay as a medium in the studio. Students will use both hand building methods and the pottery wheel to create artwork that is functional and meaningful. Students will learn the following skills such as pinch, coil, and slab within the hand building methods. They will also learn to use a variety of pottery tools to sculpt their artwork. In terms, of decorating their ceramics artwork students will learn to use glaze, underglaze, and stains. The firing process will also be taught to help students understand the clay medium to its entirety. Before Students work with clay they will plan out their ideas on paper to then create the three-dimensional ceramics piece. The process from start to finish will challenge students to use higher-thinking skill. Student will participate in written assignments about researching on the different techniques used in ceramics in history and present day.

CHAMBER ENSEMBLES I – VP6724 VP6725 (P)

LENGTH:	<input type="checkbox"/> One Semester	<input checked="" type="checkbox"/> Year (10 Units)		
GRADE LEVEL:	<input checked="" type="checkbox"/> 9	<input checked="" type="checkbox"/> 10	<input checked="" type="checkbox"/> 11	<input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED:	<input type="checkbox"/> AHC	<input checked="" type="checkbox"/> A-G	<input type="checkbox"/> AP	

Chamber Ensemble continues the musical education of students by connecting their performance skills with their ability to investigate and solve musical challenges. Students will demonstrate independence performing individually and in small groups, making appropriate personal musical choices of tone, interpretation, and musicality. Students will study diverse repertoire, focusing on multi-movement works, 20th-century notation, and the music of the Americas. They will develop an expanded knowledge of scales and cadences, create compositions with multiple parts, and evaluate musical performances at an advanced level. They will study instrument development, analyze the role of form in works from different backgrounds, and identify the process and artistry of composing for film.

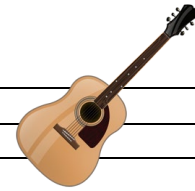
CONCERT CHOIR – VP6475 VP6476 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (5 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Course designed as an elective class for all students in vocal music. The course stresses development of good vocal techniques, group spirit and teamwork, group cooperation through singing together and development of a basic vocabulary of music terms. Successful completion of this course helps to satisfy District graduation requirements for Visual and Performing Arts.

GUITAR- VP6552 VP6553 (P) INTERMEDIATE GUITAR- VP6587 VP6588 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP



Guitar is designed for the student with little or no guitar experience. It will cover basic to intermediate playing skills, fundamentals and historical information on musicians and music styles.

Intermediate Guitar is designed to introduce and foster more advanced study of music using the guitar. It will provide expert level knowledge of the general framework requirements and to hone student musical abilities in ensembles and classical genres.

INTERMEDIATE MARCHING/WIND SYMPHONY BAND – VP6560 VP6561

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP



Intermediate Band (Marching/Wind Symphony Band) is designed to continue developing skills and knowledge that will enhance one's understanding and enjoyment of music. It is a continuation of instruction on the basics of playing the chosen band instrument started in Beginning Band, with added emphasis on developing musicianship, and band performance skills through study and performance of a variety of appropriate band literature. A reasonable amount of practice time is required.


Students will experience and discover the world of music through hands-on work with a wind or percussion instrument. Students will learn intermediate musical terminology, rhythmic figures, and musical notation skills. Participation in Intermediate Band also includes participation in the Marching Band. The instruments being offered are: flute, oboe, clarinet, bassoon, alto saxophone, tenor saxophone, baritone saxophone, trumpet, French horn, trombone, baritone, tuba, and pitched and unpitched percussion.

PHOTOGRAPHY I- VP6447 VP6448 (P)
PHOTOGRAPHY II- VP6449 VP6450 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 (Photo I) <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12 (Photo II)
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Students will study photographs from the entire range and history of the medium to use as starting points for their own creative work. A variety of photographic assignments will provide training and experience in the basic technical and artistic elements of black-and-white photography. Students will see how their own intuitive ideas are linked to the universal principals of art from different cultures and time periods; developing their ability to discuss, produce, and enjoy art. Photography II is a continuation of Photo I and will enhance the already increasing of their understanding of photographic processes.

PUBLICATIONS (YEARBOOK)- VP6556 VP655 (P)

LENGTH: <input type="checkbox"/> One Semester <input type="checkbox"/> Year	
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12	
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP	

This course produces our school’s yearbook. It focuses on journalistic writing, desktop publishing, digital photography, and advertisement sales.

THEATRE ARTS I – VP6750 VP6751 (P)

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

Theatre Arts I is an elective course open to 9-12th grade students introducing students to and focusing on the basic skills of theatre arts. The course has four major content areas: 1) Acting: developing dramatic elements, actions, and characterization; 2) Theatre History: understanding the development of theatre in historical context; 3) Play reading and Playwriting: using creative writing skills and basic playwriting techniques to create original theatre pieces while exposing students to important works of dramatic literature; 4) Technical Theatre/Career Applications: introducing students to basic aspects of technical theatre such as set design, costuming, and make-up while explaining technical theatre as a career pathway. The course addresses all 5 strands of the California Visual and Performing Arts Standards.

NON-DEPARTMENTAL COURSES

COURSE TITLE: AVID 9th ND6403 ND6404
AVID 10th ND6405 ND6406
AVID 11th ND6407 ND6408
AVID 12th ND6413 ND6414

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

AVID is a program designed to prepare high school students, who are underrepresented at the university level, to meet the requirements for admission to four-year colleges and universities. Students enroll in and are given academic support to be successful in CP, Honors and AP, English, history, science, and math classes. AVID is a yearlong elective class taught during A block. Students are expected to remain in the AVID Program all four years of high school. In the AVID class, students are tutored by college students and taught skills needed to be successful in college preparatory classes. In particular, students are taught study skills, note taking, time management, writing and research skills. Students also learn about colleges and universities (especially the application and financial aid processes) and prepare for college admission tests such as the PSAT, SAT and ACT. Students may take fieldtrips to various college campuses and cultural events. Guest speakers from the community may speak in the AVID class about their experiences and career options.

AVID elective courses at all grade levels are designed to prepare, in an academic context, students for entrance into four-year colleges, with emphasis on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, oral language development, note taking, and research.

As with all AVID courses, the Senior year features tutors, college students, who lead discussions and analysis of academic subjects in which the students are enrolled. Students are required to complete weekly timed writings and analytical discourses in all subjects. In addition, students are required to make oral presentations to the class on topics related to career searches, college entrance, contemporary issues, and social concerns all the while focusing on a culminating senior paper, portfolio, and/or project. Students, working with the tutors, are expected to participate in and eventually act as moderators for Socratic Seminars and tutors for the lower-level AVID classes. These discussions move beyond didactic instruction and assist students in gaining multiple perspectives on tests, supporting arguments with clear reasoning and evidence, and developing their critical thinking skills to the extent necessary for success in college.

LEADERSHIP ASB- SS6141 SS6142

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input checked="" type="checkbox"/> 10 <input checked="" type="checkbox"/> 11 <input checked="" type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input type="checkbox"/> AHC <input checked="" type="checkbox"/> A-G <input type="checkbox"/> AP

ASB Leadership is designed to teach leadership skills and government structure while enhancing school spirit, pride, and culture. Students who join the class will automatically be a part of a special group on campus. ASB students often participate in school-wide activities, events, and committees to practice their skills acquired in class. Students who enroll in the course will automatically be a part of the Student Council. Returning students often serve as part of the Executive Officers or as Commissioners.

9TH GRADE SEMESTER ELECTIVES

AHC PROD 301 (INTRO TO EGS) – ND7619 ND1023

LENGTH: <input type="checkbox"/> One Semester <input checked="" type="checkbox"/> Year (10 Units)
GRADE LEVEL: <input checked="" type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12
REQUIREMENTS FULFILLED: <input checked="" type="checkbox"/> AHC <input type="checkbox"/> A-G <input type="checkbox"/> AP

Introduces students to the ten-year plan and business software apps. The ten-year plan is a tool to foster academic success in their future careers and to aid in successfully reaching life & career goals set by the individual student. Students will learn strategies for identifying possible career interests and researching those interests through the creation of a career resource portfolio. The student's portfolio will remain with them throughout their high school and future career.