

Harbor High School



Course Catalog

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HIGH SCHOOL GRADUATION AND COLLEGE/UNIVERSITY ENTRANCE REQUIREMENTS

	<u>SCCS High School Graduation</u>	<u>A-G University/College Entrance</u>
	<ul style="list-style-type: none"> • Complete 230 credits • Pass Integrated Math 1 	<ul style="list-style-type: none"> • Only courses with grade "C" or higher count towards A-G
Social Studies	3 years	A. 2 Years
English	4 years	B. 4 Years
Math	2 Years	C. 3 Years (4 recommended)
Science	2 Years	D. 2 Years Lab Science (3 recommended)
World Language	none	E. 2 Years (3 recommended)
Fine Art/Visual Performing Arts	1 year	F. 1 Year
Fine Art, Applied Art, or World Language	1 year	G. Elective 1 Year of any A-G course
Health and Applied Art	½ year each	none
Physical Education	2 years	none

Course Pathways

English

- 4 years required for graduation
- 4 years required to meet A-G

Grade 9	Grade 10	Grade 11	Grade 12
English 1 Intensive	English 2 Intensive	IB English 1 HL	IB English 2 HL

English Language Development

ELPAC: 1 Year in US: 1	ELPAC: 2 Years in US: 2	ELPAC: 2-3 Years in US: 3	ELPAC: 3-4 Years in US: 4		
Newcomer ELD*	ELD1*	ELD2* + Grade Level English	ELD3* + Grade Level English	ELD 4 + Grade Level English	AVID ELD + Grade Level English

* Not A-G

Mathematics

- 2 years required for graduation
- Integrated Math 1 and Integrated Math 2 required for graduation
- 3 years required to meet A-G
- Integrated Math 3 required to meet A-G

Grade 9	Grade 10	Grade 11	Grade 12
Integrated Math 1	Integrated Math 2	Integrated Math 3	PreCalculus Honors
	Integrated Math 2/3	PreCalculus Honors	IB Math A/A SL AP Statistics
Integrated Math 2	Integrated Math 3	PreCalculus Honors	IB Math A/A SL
			AP Statistics

Science

- 2 years required for graduation
- 2 years required of to meet A-G
- 3 or more years highly recommended for college admission

Grade 9	Grade 10	Grade 11	Grade 12
Physics	Chemistry	Biology	IB Chemistry SL
		IB Biology 1	IB Biology 2 SL/HL

Social Studies

- 3 years required for graduation
- 2 years required to meet A-G

Grade 9	Grade 10	Grade 11	Grade 12
Ethnic Studies	Economics/US Government	IB History 1 HL	IB History 2 HL
		World History	US History

World Language

- 0 years required for graduation
- 2 years required of to meet A-G

Grade 9	Grade 10	Grade 11	Grade 12
Spanish 1	Spanish 2	Spanish 3	IB Spanish SL
Spanish for Spanish Speakers 3	Spanish for Spanish Speakers 4	IB Spanish 1	IB Spanish 2 SL/HL

Fine Arts/Visual and Performing Arts

- 1 year required for graduation
- 1 year required of to meet A-G

Grade 9	Grade 10	Grade 11	Grade 12
Art	Art	Art	Art
	Art Advanced	Art Advanced	Art Advanced
Ceramics	Ceramics	Ceramics	Ceramics
	Ceramics Advanced	Ceramics Advanced	Ceramics Advanced
Theater Arts	Theater Arts	Theater Arts	Theater Arts
	Theater Arts Advanced	Theater Arts Advanced	Theater Arts Advanced
Varsity Band	Varsity Band	Varsity Band	Varsity Band
Jazz Ensembles	Jazz Ensembles	Jazz Ensembles	Jazz Ensembles
Concert Choir	Concert Choir	Concert Choir	Concert Choir
Dance Movement	Dance Movement	Dance Movement	Dance Movement
Guitar	Guitar	Guitar	Guitar
Music Production	Music Production	Music Production	Music Production

How to Read a Course Description

AMERICAN GOVERNMENT	Course Title
Grade Level:	Grade level(s) of students who may enroll in course
Recommended Completion of:	How students would be best prepared to enroll in course
Fulfills UC/CSU Requirement:	UC/CSU requirement met by course (see p. 3)
Other:	Other information about course

Followed by description of course content and sequence

Unless otherwise indicated all courses:

- last for one full school year which consists of two academic semesters
- earn 5 credits per academic semester with a total of 10 credits per full school year

Course Descriptions by Department

Social Studies

- SCCS highschool graduation: 3 years/30 credits required
- UC/CSU A-G: 2 years/20 credits required

AMERICAN GOVERNMENT	
Grade Level:	10
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category A
Other:	

This course furthers students' understanding of the American governmental system. Units studied are: the historical and philosophic foundations of democracy, the Constitution, the electoral process, civil liberties, and the three branches of government, state, and local government. Emphasis is on the federal level. This class includes a research project. The course is a semester long course.

ECONOMICS	
Grade Level:	10
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category A
Other:	

This course gives students an in-depth introduction to basic economic theory and practice, beginning with supply and demand, resource allocation, competition and price structures (circular flow), money supply, and government monetary and fiscal policy. The course also includes a career exploration unit that requires an I-search paper focused on a specific occupation, participation in a job shadowing experience as well as an interview of the individual being shadowed and the creation of a professional resume. The course is a semester long course.

IB HISTORY 1	
Grade Level:	11
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category A
Other:	IB History 1 is a weighted class

The IB History of the Americas course spans the eleventh and twelfth grade years as “IB History 1” and “IB History 2.” In this college-preparatory course, students take part in a comparative and multi-perspective approach to United States history and world history, which cultivates an interest in the past and promotes international-mindedness. This course connects global events to a regional focus on North, Central, and South America. Students study political, economic, social and cultural history in order to develop valuable thinking and research skills. In particular, there is a strong emphasis on effective engagement with sources. As students explore a variety of historical interpretations, they also reflect critically on the past, which culminates in a deeper understanding of themselves and of contemporary society.

IB HISTORY 2 HL	
Grade Level:	12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category A
Other:	IB History 2 is a weighted class

The IB History of the Americas course spans the eleventh and twelfth grade years as “IB History 1” and “IB History 2.” In twelfth grade, students and their families can decide whether the student will be assessed at the “standard level” or “higher level.” In this college-preparatory course, students take part in a comparative and multi-perspective approach to United States history and world history, which cultivates an interest in the past and promotes international-mindedness. This course connects global events to a regional focus on North, Central, and South America. Students study political, economic, social and cultural history in order to develop valuable thinking and research skills. In particular, there is a strong emphasis on effective engagement with sources. As students explore a variety of historical interpretations, they also reflect critically on the past, which culminates in a deeper understanding of themselves and of contemporary society.

IB PSYCHOLOGY SL	
Grade Level:	11-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category G
Other:	IB Psychology is a weighted class.

IB Psychology is a single-year IB course that prepares students to be assessed at the “standard level.” In this college-preparatory course, students develop an awareness of how psychological research can be applied to address real-world problems and promote positive change. Students use diverse methods of inquiry to explore biological, cognitive and sociocultural approaches to psychology. As they observe ethical practice in their own inquiries, they grow to understand the importance of ethical practice in psychological research. Overall, students develop a holistic and integrated approach to psychological study, allowing them to appreciate the diversity as well as the commonality between their own behavior and that of others.

English

- SCCS highschool graduation: 4 years/40 credits required
- UC/CSU A-G: 4 years/40 credits required

ENGLISH 1 INTENSIVE	
Grade Level:	9
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category B
Other:	

Students analyze literature and write full-length essays regularly and curriculum is aligned with the Common Core State Standard for English Language Arts. Literature study covers short stories, novels, essays, poetry and drama. Although there is some creative writing, the main focus is on the writing skills needed for college, with emphasis on interpretive (Response to Literature) essays. Language study covers punctuation, spelling, vocabulary, and usage.

ENGLISH 2 INTENSIVE	
Grade Level:	10
Recommended Completion of:	English 1 Intensive
Fulfills UC/CSU Requirement:	Category B
Other:	

This course builds skills in reading, writing, speaking and listening that are aligned with the Common Core State Standard for English Language Arts. Students continue to study literary devices and interpretive/response to literature essays, persuasive essays and reading a wide variety of genres over the course of the school year including both required and independent choices. Literature covers novels, poetry, historically significant speeches, and persuasive expository text.

IB ENGLISH 1	
Grade Level:	11
Recommended Completion of:	English 2 Intensive
Fulfills UC/CSU Requirement:	Category B
Other:	IB English 1 is a weighted class.

The IB English Language and Literature A course spans the eleventh and twelfth grade years as “IB English 1” and “IB English 2.” In this college-preparatory course, students continue to develop their communication skills in English through listening, speaking, reading, writing, viewing, presenting and performing. As they interact with a variety of text types, students practice interpretation, analysis, and evaluation, enhancing their understanding of relationships between texts and a variety of perspectives. Importantly, students will contrast their own interpretations with the critical perspectives of others, building an appreciation for diverse responses and multiple meanings. Through this open-minded and culturally sensitive approach, students will examine how language choices, contextual elements, and stylistic devices fulfill an author’s purpose and communicate meaning to an audience. As this course fulfills objectives outlined by the International Baccalaureate Organization, it also meets expectations for the Common Core State Standards for English Language Arts.

IB ENGLISH 2 SL/HL	
Grade Level:	12
Recommended Completion of:	IB English 1
Fulfills UC/CSU Requirement:	Category B
Other:	IB English 2 is a weighted class.

The IB English Language and Literature A course spans the eleventh and twelfth grade years as “IB English 1” and “IB English 2.” In twelfth grade, students and their families can decide whether the student will be assessed at the “standard level” or “higher level.” In this college-preparatory course, students continue to develop their communication skills in English through listening, speaking, reading, writing, viewing, presenting and performing. As they interact with a variety of text types, students practice interpretation, analysis, and evaluation, enhancing their understanding of relationships between texts and a variety of perspectives. Importantly, students will contrast their own interpretations with the critical perspectives of others, building an appreciation for diverse responses and multiple meanings. Through this open-minded and culturally sensitive approach, students will examine how language choices, contextual elements, and stylistic devices fulfill an author’s purpose and communicate meaning to an audience. As this course fulfills objectives outlined by the International Baccalaureate Organization, it also meets expectations for the Common Core State Standards for English Language Arts.

English Language Development (ELD)

- Placement in the ELD program is based on an initial assessment, ELPAC scores, progress in ELD courses, and Language Review Team (LRT) recommendations
- ELD courses fulfill English graduation requirements

NEWCOMER ELD	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	Course meets daily and is the equivalent of two classes. This course may be repeated.

The primary focus in Newcomer ELD is on 1) vocabulary development starting with learning the alphabet, and commonly used words and phrases related to specific topics and settings taught through a thematic approach, 2) communicating basic information and needs, as well as asking and answering questions using simple sentences or phrases both orally and in writing, and 3) reading

sentences. Emphasis is also placed in orienting students with the skills they need to function in American society and the US school system.

ELD 1	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	Course meets daily and is the equivalent of two classes. This course may be repeated.

Students in ELD 1 develop their vocabulary and pronunciation, work on initiating simple dialogues and responding to questions that relate to everyday life and personal interests. Intensive instruction of sentence writing and grammar is also a focus with an emphasis on present vs. past tense. Students begin to read short articles, stories, and other texts in English with the emphasis being on literal comprehension.

ELD 2	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	

Emphasis is on speaking, listening, reading, and writing skills geared toward assisting students with being successful in both academic and social settings. Students use more complex vocabulary and sentences to communicate and express ideas in a wider variety of social and academic situations. Students read short articles, stories, and other texts in English and write paragraphs. Intensive instruction of sentence writing and grammar is also a focus with emphasis on expanding use and understanding of verb tenses.

ELD 3	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	

Students are introduced to writing five-paragraph expository and persuasive essays as well as narratives while learning about the writing process. Developing academic language is a focus. Emphasis is also placed on reading strategies necessary to understand a text, the features of

different types of writing, and literary devices. Intensive instruction of grammar continues to be a focus.

ELD 4 LANGUAGE AND LITERATURE	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category B
Other:	

AVID ELD	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	

Mathematics

- SCCS highschool graduation: 2 years/20 credits required
- UC/CSU A-G: 3 years/30 credits required, 4 years/40 credits recommended

INTEGRATED MATH 1	
Grade Level:	9-10
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category C
Other:	Passing grade in two semesters meets Algebra 1 graduation requirements

Integrated Math 1 is designed to combine some of the basic principles of Algebra I, Geometry, and Statistics. Topics include Linear and Exponential functions, Rigid Transformation and Constructions, Interpreting and Analyzing Univariate and Bivariate data. The Common Core Standards for Mathematical Practices will be addressed throughout the course. This course leads to Integrated Math 2.

INTEGRATED MATH 2	
Grade Level:	9-12
Recommended Completion of:	C or higher Integrated Math 2
Fulfills UC/CSU Requirement:	Category C
Other:	

Integrated Math 2 is designed to combine some of the intermediate principles of Algebra I, Geometry, Algebra 2 and Probability. Topics include Quadratic Functions, Similarity and Congruence, Circles, Basic Trigonometric Functions and Probability. The Common Core Standards for Mathematical Practices will be addressed throughout the course. This course leads to Integrated Math 3.

INTEGRATED MATH 2/3	
Grade Level:	10-12
Recommended Completion of:	C or higher Integrated Math 1
Fulfills UC/CSU Requirement:	Category C
Other:	

Integrated Math 2/3 is a two period course designed to combine the content of both Integrated Math 2 and Integrated Math 3 into a one-year course. This class is generally targeted towards grade 10 students looking to accelerate their math course of study in order to increase their opportunities to participate in higher level math offerings.

INTEGRATED MATH 3	
Grade Level:	9-12
Recommended Completion of:	C or higher Integrated Math 2
Fulfills UC/CSU Requirement:	Category C
Other:	

Integrated Math 3 is designed to combine some of the advanced principles of Algebra I, Geometry, Algebra 2 and Probability. Topics include Polynomials, Comparing Linear, Quadratic, Logarithmic and Exponential Functions, Trigonometric Functions and Introductory Statistical Inference. The Common Core Standards for Mathematical Practices will be addressed throughout the course. This course leads to Pre-Calculus; Pre-Calculus Honors or AP Statistics.

PRE-CALCULUS HONORS	
Grade Level:	11-12
Recommended Completion of:	C or higher in Integrated Math 3
Fulfills UC/CSU Requirement:	Category C
Other:	

This college-preparatory Pre-Calculus course covers the topics of functions, which include Polynomial, Rational, Exponential and Logarithmic functions, their graphs, transformations, properties and laws. Then the emphasis is shifted to Trigonometry, Analytic Trigonometry, and Analytic Geometry. Systems of Equations, Inequalities, and Sequences and Series are the subsequent topics. Once these topics are thoroughly investigated, and students acquire the mastery of the concepts, the key Calculus topics are introduced: the introduction of limits, the tangent line problem, average rate of change, and the area problem. In this way, Pre-Calculus Honors prepares students for IB Mathematics Analysis and Approaches, or AP Statistics.

AP STATISTICS	
Grade Level:	11-12
Recommended Completion of:	C or higher in Integrated Math 3 or Pre-Calc Honors
Fulfills UC/CSU Requirement:	Category C
Other:	AP Statistics is a weighted class.

AP Statistics is the high school equivalent of a one semester, introductory college statistics course. Statistics is the art and science of collecting, organizing, analyzing, and drawing conclusions from data. Done properly, statistics can help us get clear answers to puzzling questions. In AP Statistics, we will organize our study of statistics around four major themes: exploring data, planning and conducting a study, anticipating patterns (probability models), and statistical inference. We will use statistical software, interactive Web tools, and graphing calculator simulations to investigate important statistics and probability concepts. Students are encouraged to take the AP Statistics exam for university credit: This course is usually required for college majors such as Engineering, Psychology, Sociology, Health Science, and Business.

IB MATH ANALYSIS AND APPROACHES SL

Grade Level:	11-12
Recommended Completion of:	C or higher in Integrated Math 3 or Pre-Calc Honors
Fulfills UC/CSU Requirement:	Category C
Other:	IB Math A/A is a weighted class.

IB Mathematics: Analysis and Approaches is a single-year IB course that prepares students to be assessed at the “standard level.” In this college-preparatory course, students independently and collaboratively develop a deep understanding of mathematics, which provides a strong foundation for application and innovation. Students exercise their analytical expertise to solve a range of mathematical problems set in a variety of meaningful contexts. As they explore mathematical form and structure, students develop logical and creative thinking skills. They employ patience and persistence in problem solving, which extends curiosity and builds confidence. Students learn to construct, communicate, and justify correct mathematical arguments, and are encouraged to apply and transfer skills to alternative situations, to other areas of knowledge, and to future developments in their local and global communities.

Science

- SCCS high school graduation: 2 years/20 credits required
- UC/CSU A-G: 2 years/20 credits required, 3+ years/30+ credits recommended
- One year/10 credits of physical science and one year/10 credits of life science required

PHYSICS

Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category D
Other:	

Through investigations of motion, electricity, heat, and light, students learn about phenomena as they develop a practical understanding of physical events and how their occurrence can be predicted. Students observe, test and apply physical principles and develop skills for using scientific tools and techniques. Students also apply mathematics as they measure, collect and analyze data, and solve problems related to physical phenomena.

CHEMISTRY	
Grade Level:	10-12
Recommended Completion of:	Completion of Physics
Fulfills UC/CSU Requirement:	Category D
Other:	

Students will learn about changes in matter and energy, scientific measurement, atomic structure, the periodic table, chemical names and formulas, chemical equations, stoichiometry, thermo-chemistry, behavior of gases, bonding, solutions, reaction rates, acids and bases. Students conduct laboratory investigations to test and apply their understanding of chemical principles and solve problems related to chemical systems. This course is especially useful for careers in science, math, medicine, forestry, dentistry, engineering, criminology, metallurgy, and photography.

BIOLOGY	
Grade Level:	11-12
Recommended Completion of:	Completion of Chemistry
Fulfills UC/CSU Requirement:	Category D
Other:	

This course deals with the study of cellular structure and function, respiration and photosynthesis, classification, genetics, homeostasis mechanisms, body systems, DNA replication and protein synthesis, biotechnology, ecology, and evolution. Laboratory activities reinforce science concepts and develop scientific investigation and experimentation skills.

IB BIOLOGY 1 & 2 SL/HL	
Grade Level:	11-12
Recommended Completion of:	Completion of Physics and Chemistry
Fulfills UC/CSU Requirement:	Category D
Other:	IB Biology is a weighted class.

The IB Biology course spans the eleventh and twelfth grade years as “IB Biology 1” and “IB Biology 2.” In twelfth grade, students and their families can decide whether the student will be assessed at the “standard level” or “higher level.” In this college-preparatory course, students attempt to understand the living world at all levels, from the micro to the macro, using many different

approaches and techniques. As students develop an ability to analyze, evaluate and synthesize scientific information, they also reflect on the ethical implications of using science and technology. Students think critically about the role of biologists at a time of growing pressure on the human population and the environment. As students engage with hands-on laboratory activities, they develop awareness of the need for, and the value of, effective collaboration and communication during scientific activities. Additionally, students design investigations, collect data, analyze results, and evaluate and communicate their findings, preparing them for a variety of future applications and experiences.

IB CHEMISTRY SL	
Grade Level:	12
Recommended Completion of:	Completion of Physics and Chemistry
Fulfills UC/CSU Requirement:	Category D
Other:	IB Chemistry SL is a weighted class.

IB Chemistry is a single-year IB course that prepares students to be assessed at the “standard level.” In this college-preparatory course, students develop experimental and investigative scientific skills including the use of current technologies. Students study how chemical principles underpin both the physical environment in which we live and all biological systems. This prepares them for science courses in higher education, such as medicine, biological science, and environmental science. As students engage with hands-on laboratory activities, they learn how scientists work and communicate with each other. Additionally, students design investigations, collect data, analyze results, and evaluate and communicate their findings, preparing them for a variety of future applications and experiences.

World Language

- SCCS high school graduation: 0 years/0 credits required
- UC/CSU A-G: 2 years/20 credits required, 3 years/30 credits recommended

SPANISH 1	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category E

Other:	
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Spanish 1 is an introductory course for the student who has never studied Spanish or who has had limited exposure to the Spanish language. Basic grammar and language structures are covered stressing speaking, reading, writing, and listening comprehension. An emphasis is placed on students conversing in and understanding basic Spanish. The course also introduces the students to the culture of Spanish-speaking peoples and the opportunities to use their knowledge and skills in travel, careers, and future academic studies.

SPANISH 2	
Grade Level:	9-12
Recommended Completion of:	Assessment or C- or better in Spanish 1
Fulfills UC/CSU Requirement:	Category E
Other:	

Spanish 2 further develops students' proficiency levels in reading, writing, speaking and listening. Previously learned vocabulary and grammatical structures will be reviewed and reinforced to expand communicative skills in the above areas and new vocabulary, grammar and culture will be taught through meaningful and relevant themes. An appreciation for the connection between language and culture will be emphasized. Emphasis is placed on communicative competence in the target language by employing interpersonal, presentational and interpretive modes of communication. To reach this goal, the class is conducted almost entirely in Spanish. This course satisfies the 2nd year of the two-year language admission requirement for the UC and CSU systems.

SPANISH 3	
Grade Level:	9-12
Recommended Completion of:	Assessment or C- or better in Spanish 2
Fulfills UC/CSU Requirement:	Category E
Other:	

Spanish 3 is an intermediate-level language course of study with increased practice and development in the skills of conversation, reading, writing and listening comprehension. Coursework includes reading short expository pieces as well as excerpts of fiction such as short stories and poetry. Greater emphasis is placed on producing Spanish through writing and speaking

as well as interpreting through listening comprehension exercises. The class is conducted solely in Spanish. There is an emphasis in grammar studies in order to learn several more tenses and to expand students' knowledge of structural devices. Spanish 3 will further prepare students for travel in Spanish-speaking countries and careers utilizing Spanish.

SPANISH FOR SPANISH SPEAKERS	
Grade Level:	9-12
Recommended Completion of:	Placement assessment or C- or higher in previous course
Fulfills UC/CSU Requirement:	Category E
Other:	

Spanish for Spanish Speakers 3 and 4 are designed for students whose native language is Spanish (or for those who have completed a Spanish Immersion program) and want to improve their formal knowledge of Spanish and further develop their reading, writing, and speaking skills at an intermediate to advance level. To that end, in this course students are introduced to Hispanic culture by reading works from Spanish and Latin American authors as well as authentic online resources that focus on high-interest and culturally-relevant themes. Students gain an appreciation for the cultural products and practices of the Spanish-speaking world. While the course emphasizes writing, reading and oral communication skills, particular attention is also given to grammar structures, spelling, accents and expanding students' vocabulary beyond their particular region of origin. Emphasis is placed on academic literacy in Spanish in order to support student success in English language core classes.

IB SPANISH 1 & 2 SL/HL	
Grade Level:	11-12
Recommended Completion of:	Spanish 3
Fulfills UC/CSU Requirement:	Category E
Other:	IB Spanish 1/2 is a weighted class.

The IB Spanish B course spans the eleventh and twelfth grade years as "IB Spanish 1" and "IB Spanish 2." In twelfth grade, students and their families can decide whether the student will be assessed at the "standard level" or "higher level." In this college-preparatory course, students develop international-mindedness through the study of languages, cultures, and issues of global significance. They learn to communicate in Spanish for a variety of purposes and within a range of contexts. Students study two literary works originally written in Spanish, extending the complexity of their language use through the discussion of themes and concepts. Through language learning and the process of inquiry, students are provided with opportunities for intellectual engagement

and the development of critical-thinking skills. Ultimately, the course encourages curiosity, creativity and a lifelong enjoyment of language learning.

IB SPANISH SL	
Grade Level:	11-12
Recommended Completion of:	Spanish 3
Fulfills UC/CSU Requirement:	Category E
Other:	IB Spanish SL is a weighted class.

IB Spanish B SL is a single-year IB course that prepares students to be assessed at the “standard level.” In this college-preparatory course, students develop international-mindedness through the study of languages, cultures, and issues of global significance. They learn to communicate in Spanish for a variety of purposes and within a range of contexts. Through language learning and the process of inquiry, students are provided with opportunities for intellectual engagement and the development of critical-thinking skills. Ultimately, the course encourages curiosity, creativity and a lifelong enjoyment of language learning.

Physical Education & Health

- SCCS high school graduation: 2 years/20 credits required
- UC/CSU A-G: 0 years/0 credits required
- Grade 9 students take PE 1 and students in grades 10, 11 and/or 12 can take PE 2
- Students can earn credits towards PE requirements through participation in interscholastic sports

PHYSICAL EDUCATION 1	
Grade Level:	9
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	

This course focuses on individual and dual sports, as well as physiology of exercise and physical fitness through aerobic workouts. Students are expected to demonstrate knowledge and competency in motor skills, movement patterns and strategies essential to perform a variety of physical activities that encourage lifelong health and fitness. Students also learn the rules, strategies and basic etiquette in specific activities, which include racquet sports (tennis,

badminton, pickleball), aquatics, weight training and conditioning, individual movement activities and track and field. This course also requires students to participate in state mandated fitness testing.

PHYSICAL EDUCATION 2	
Grade Level:	10-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	

Students will continue to demonstrate knowledge and competency in motor skills, movement patterns and strategies essential to perform a variety of physical activities that encourage lifelong health and fitness. PE 2 focuses on team sports emphasizing physiology of exercise and physical fitness through aerobic workouts. Students will also learn the rules, strategies and basic etiquette in outdoor physical performance and indoor physical performance.

HEALTH	
Grade Level:	9
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category G
Other:	This class fulfills the Health course SCCS district graduation requirement.

Health Education fulfills the Health course district graduation requirement. This course meets the California High School Standards and the California Healthy Youth Act for Health Education in grades Nine through Twelve. Health offers students the opportunity to examine a wide variety of health related topics and issues that are critical to their overall wellness. Class activities will be focused on promoting a healthy lifestyle through self-evaluation, “real world” health content, and health skills practice. The purpose of this course is to provide our students with tools to live a lifelong healthy lifestyle. The curriculum has been broken down into Five (5) units of study that will address: Nutrition and Physical Activity; Growth, Development, and Sexual Health; Violence, Injury Prevention and Safety; Alcohol, Tobacco, and Other Drugs; and Mental, Emotional, and Social Health.

Visual Performing Arts

- SCCS highschool graduation: 1 year/10 credits required
- UC/CSU A-G: 1 year/10 credits required

ART	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category F
Other:	

Art is an introductory course where students draw, paint, and experiment with mixed media. Students are introduced to the principles of design and the elements of art, and become familiar with the work of influential artists from our own and other eras and cultures. Written work includes art exhibit reviews, brief responses on classroom topics, quizzes and final exams. Slide lectures introduce students to contemporary art issues, as well as specific media and techniques that apply to their work. Even students who don't think they have any talent come away from this class with skills and work that they can be proud of.

ART ADVANCED	
Grade Level:	10-12
Recommended Completion of:	Art
Fulfills UC/CSU Requirement:	Category F
Other:	This course may be repeated with students advancing a level each year.

Each level builds on the skill and concepts learned in the previous one with differentiated instruction provided to students based on their background. Written work includes art exhibit reviews, brief responses on classroom topics, quizzes and final exams. Slide lectures introduce students to contemporary art issues, as well as specific media and techniques that apply to their work. Problem solving, personal expression and creative freedom is also stressed while students improve their skills and discover their own personal style as artists. Students are also expected to exhibit several pieces of work in the end-of-year show with emphasis on the creation of a portfolio in levels 3-4.

CERAMICS	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category F
Other:	

This course focuses on sculpture and hand building with clay, and creating functional pottery on a potter's wheel. Students experiment with relief sculpture and fully three-dimensional sculpture, both abstract and realistic. Students learn techniques of solid clay construction as well as slab and coil techniques; how to throw cylinders, bowls, jars, bottles and a variety of other pot forms; and different types of surface decoration techniques including applying high-fire glazes by spraying and dipping. There are additional projects, functional and decorative, developed with low fire clay and glazes. Slide lectures introduce students to the history of clay and sculpture and to contemporary applications. Students also write a gallery review and master the vocabulary associated with ceramic work throughout the year.

CERAMICS ADVANCED	
Grade Level:	10-12
Recommended Completion of:	Ceramics 1
Fulfills UC/CSU Requirement:	Category F
Other:	This course may be repeated with students advancing a level each year.

Students create a series of projects based on their personal vision and some research as they continue to develop their skills on the potter's wheel and with sculpture. Mosaic projects can also be developed. On the potter's wheel, students work on increasingly complex and/or larger thrown forms, lidded forms, and assembled forms. Students learn to use airbrushes and glaze guns to improve glaze results. Students also develop a strong mastery of the vocabulary associated with clay work and are required to visit art galleries and museums as exhibits become available.

THEATER ARTS	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category F
Other:	

Theater Arts offers students the opportunity to be creative and expressive in a safe environment. Students experiment with and experience the basics of acting. They perform scenes from plays and improvise scenes, which they create. Voice and movement exercises, mime and theater games are explored.

THEATER ARTS ADVANCED

Grade Level:	10-12
Recommended Completion of:	Completion of Theater Arts
Fulfills UC/CSU Requirement:	Category F
Other:	This course may be repeated with students advancing a level each year.

This is an intermediate/advanced level Theatre Arts class designed to meet the needs of students interested in developing in depth skill in the areas of acting technique, directing and/or specialized areas of Technical Theatre (i.e. Set Design & Construction, Costume Design & Construction). Students complete small group project-based work in their selected Technical Area in addition to participating as a class in specialty units in areas such as the History of Film, playwriting, the audition process, careers in theatre & film, the technique of great film directors like Alfred Hitchcock, and master teachers in the art of acting & directing like Stella Adler, Uta Hagen and Constantin Stanislavski. Actors and directors focus on development of heightened interpretive skills, concentration, characterization, voice, physical expression, staging techniques, improvisation, etc. Technical theatre students learn about and develop critical skills in the area of design, construction and crew management that are applied in the context of our major productions: Fall Play, Escapade Concert or Spring Musical.

VARSITY BAND

Grade Level:	9-12
Recommended Completion of:	Audition may be required when multiple students play the same instrument.
Fulfills UC/CSU Requirement:	Category F
Other:	This course may be repeated. Participation in performances outside of class is required.

Designed to teach beginning and experienced musicians team work, self-discipline, and develop higher level thinking skills necessary to express one's self through music. Music styles include concert, rock, jazz, pop, and Latin. Performances will include Winter and Spring Concerts, Football Games, Jazz and Concert Festivals and other community events.

JAZZ ENSEMBLES	
Grade Level:	9-12
Recommended Completion of:	Audition 2 or more years of musical experience.
Fulfills UC/CSU Requirement:	Category F
Other:	This course may be repeated. Participation in performances outside of class is required. Enrollment in Varsity Band, highly recommended.

Designed to teach advanced musicians team work, self-discipline, and develop higher level thinking skills necessary to express one's self through music. Music styles include jazz, funk, and Latin. Performances will include Winter and Spring Concerts, Jazz and Concert Festivals and other community events.

PLAY PRODUCTION	
Grade Level:	9-12
Recommended Completion of:	Audition
Fulfills UC/CSU Requirement:	No
Other:	Students should plan on attending the mandatory meeting tied to auditions and sign-ups for cast and crew in early September.

Learn about theater production by helping to put on Harbor's annual fall play. Students receive credit for participating in rehearsal, performance, and production duties for this show. Roles are available for actors, designers, set crew and construction personnel, costumers, make-up artists, and light-sound technicians. Auditions, rehearsals, and performances will be arranged after school and/or in the evening.

SPRING MUSICAL	
Grade Level:	9-12
Recommended Completion of:	Audition
Fulfills UC/CSU Requirement:	No
Other:	Students should plan on attending the mandatory meeting tied to auditions and sign-ups for cast and crew in late January.

Experience the joy of musical comedy by putting on Harbor's spectacular spring musical! Students receive credit for participation in rehearsal and performance of the production. Jobs are available for actors, singers, dancers, designers, stage crew personnel, and light-sound technicians. Auditions, rehearsals, and performances will be arranged after school and/or in the evening.

CONCERT CHOIR	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	F
Other:	

This course is inclusive of students learning proper vocal choral, choir and ensemble techniques, the elements of music, and choral music of different styles, cultures, and periods; it may include principals of music drama and appropriate acting within the musical theatre arena. This course offers instruction inclusive of music standards and may include vocal jazz, show or swing choir, Broadway chorus or Blues, jazz choir, madrigal, chamber, vocal ensemble, world music choir/chorus, musical theatre choir, and others; it may provide demonstration of the learning; and includes utilization of the learning through performances. There may be several choral or ensemble groups at the same time, within the course of instruction.

DANCE MOVEMENT	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	F
Other:	

The course begins with an overview of the elements of dance, injury prevention, rhythm and technique. Various dance styles will be explored: Jazz (traditional, fosse, musical theater),

Contemporary and Modern Dance, World Dance (Latin, Bollywood, bellydance, African, Dance Hall), Hip Hop (old school, middle school, new school), and Russian Ballet. Students will participate in choreographed and improv dances.

GUITAR	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	F
Other:	

This course provides individual class instrumental instruction (brass, guitar, keyboard, digital, percussion, recorders, strings, woodwinds) where students learn to play specific instruments and identify their unique contributions to various types of ensembles; provides a study of the elements of music and learning to read music and is taught to the proficient and/or advanced music standards. This class does not normally perform as a group other than an end of course demonstration of learning. If the class performs, it should be coded as one the instrumental categories (band, ensemble or orchestra/symphony).

MUSIC PRODUCTION	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	F
Other:	

This course is devoted to music composed or realized through electronic media or computer applications related to music, such as creative work, music writing and printing, and performances of contemporary compositions. The course is inclusive of music standards instruction, the study of appropriate physics of sound, and students learn to use the equipment through performance of music from other sources and explore personal means of self-expression.

General Electives

MEDIA LITERACY	
Grade Level:	9
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	

Media arts courses typically cover topics designed to allow students to communicate and express in a variety of media forms, and/or combined media, using various tools and processes, for specific purposes, intentions, and audiences. Media arts courses may use a problem based approach and incorporate multiple content areas and arts disciplines.

YEARBOOK	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	F
Other:	Additional time outside of class is required attending school events to take photos.

This class is responsible for designing and producing the school yearbook, CORSAIR. Students learn a variety of skills in the following areas while also specializing in one: copywriting, editing, designing of pages and sections, photography, graphics, typing, proofreading, advertising, fund raising, sales and finance

LEADERSHIP	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	Enrollment by lottery. Students must be available to periodically attend meetings and events outside of the school day. This course may be repeated.

Student leadership plays an integral part in the ongoing co-curricular programs provided for the

student body. Leadership students help create, plan and implement the many student activities that occur at Harbor High School. Students learn to organize projects, run effective meetings, develop communication skills, and broaden your leadership capabilities through actual service to the school community.

ATHLETIC P.E.	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	No
Other:	This course does not count as a class and does not meet during the normal school day. The course may be repeated.

Athletes who complete the season and have met attendance and other team expectations receive elective credit for up to 3 sports per year.

AVID

AVID 9-12	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category G
Other:	Application and interview required

AVID (Advanced Via Individual Determination) is designed to be a four-year elective program. Students are selected through a process that includes recommendations from the junior high schools, a student application and an interview. The profile of an AVID student is one who is earning a 2.0 – 2.5 GPA and has the potential to be accepted by at least one four-year university. Through the AVID program, students will be placed in rigorous academic classes and will have resources made available to help them succeed.

AVID classrooms focus on WICR, which stands for Writing, Inquiry, Collaboration, and Reading. These are areas a student should be able to master if he/she will succeed in high school as well as college. The AVID class stresses these areas with the intention of developing better students. In addition, AVID students will utilize resources such as college placement centers, SAT study sessions, college tutors, and Socratic seminars to help them prepare for college. One of the most valuable things that AVID offers students is a twice weekly tutorial where college students come into the classroom to help the students with their understanding of material in academic classes. This provides positive role models for the high school students.

AVID sets a goal that all students who participate in four years of the program will be eligible for admission to a four-year university. The current rate of high school seniors in California who have completed four years of AVID and who are eligible for admission to the University of California is approximately three times as high as those graduates who have not completed AVID. AVID is not a “miracle program.” It sets a high goal for all entering students, gives those students a rigorous curriculum, and provides resources to help the students succeed, but, as the program states, it is based upon students Individual Determination.

Career Technical Education (CTE)

- CTE is designed to provide students the opportunity to explore and develop job-related skills in specific careers.
- Grade 11 and 12 students are given priority for enrollment in CTE courses, however, if space is available grade 9 and 10 students may sign-up for these classes
- Students receive high school credit for CTE courses and depending on the class, Cabrillo college credits may be available as well.

BICYCLE PERFORMANCE AND TECHNOLOGY CTE	
Grade Level:	10-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	

This course is designed to provide students with the entry-level skills required in the bicycle repair industry. Areas to be covered include: basic mechanical skills, tires and tubes, drive train, bearing systems, wheel truing, brake systems, gear adjustment, stem, handlebar, saddle/seat-post fitting, and on-the-road-repairs.

MILLWORK AND CABINETRY CTE	
Grade Level:	9-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	

The class introduces students to the creative process of woodworking offering the opportunity to gain an appreciation for wood as a material. This is a “hands-on” class. Students will produce a number of projects using a variety of hand and power tools. Safe shop practices, project planning, joinery and finishing

techniques will be emphasized. Time permitting, students may choose to complete one or more projects of their own choice and design using the skills employed in completing the required assigned projects. We will discuss careers in cabinet making, millwork, finish carpentry, furniture making, furniture repair, general construction, project management, contractor license classifications and requirements.

DIGITAL PHOTOGRAPHY CTE	
Grade Level:	11-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category F
Other:	

Photography 1 is a year-long course for students in 11th – 12th grade. Students are introduced to fundamental art and design theory and skills essential in the creation of photographic works of art. Lectures and projects emphasize elements of art and principals of design in all art-making and mediums and specifically the creation of photographs. Students are informed and influenced by studying the history of photography and photographers as well as contemporary artists and their works. This course emphasizes story-telling and visual, verbal and written articulation of concepts. Students study the historical context and diverse cultural themes and subject matter of photography while developing skills in artistic perception, critiquing, and discernment in subjects and composition through assignments that emphasize solving visual art problems.

GRAPHIC DESIGN CTE	
Grade Level:	10-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category F
Other:	

Graphic Design explores the elements of art and principles of design and the tools and techniques used in graphic design. The historical, social and cultural analyses of art and design are explored and analyzed. Emphases is placed upon the practical aspects of commercial art (graphic design and art direction) and how this art is used in publishing, design and illustration, photography, multimedia and Internet web presentations. Technology and computers are utilized as design tools. A systematic and structured approach is implemented to complete a wide range of projects of increasing difficulty in various types of media

Graphic Design Advanced continues to utilize the elements of art and principles of design along with the study of typography, message and medium and additional tools and software to expand art and communication skills in the graphic design industry. Graphic Design 2 students work independently, learn skills individually and produce a polished digital and hard copy portfolios and

exhibits of their work.

HEALTH CAREERS CTE

Grade Level:	10-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	

This course is an introduction for high school students in scientific concepts, theories and skills development in the health care setting. Students participate in a combination of interactive classroom instruction and skills practice. Curriculum provides students with a global view of today's healthcare environment while exposing them to potential career opportunities and future options for career advancement and higher education.

MEDICAL TECHNOLOGIES CTE

Grade Level:	11-12
Recommended Completion of:	Health Careers (preferred)
Fulfills UC/CSU Requirement:	Category G
Other:	

This course consists of scientific concepts, theories and skill development for students interested in biology, anatomy and health care technology. This course provides the student with a solid base of knowledge and skills in human health sciences. This course provides an in-depth study of medical terminology, physiology and anatomy with emphasis on the human being.

IB FILM 1 & 2 SL/HL

Grade Level:	11-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	Category F
Other:	IB Film ½ is a weighted class.

The IB Film course spans the eleventh and twelfth grade years as "IB Film 1" and "IB Film 2." In twelfth grade, students and their families can decide whether the student will be assessed at the "standard level" or "higher level." In this college-preparatory course, students become proficient interpreters and makers of films. As they explore the various contexts of film and consider the

connections between filmmakers and filmmaking techniques, they develop evaluative perspectives on their own work and the work of others. Through the analysis of film texts, students develop an appreciation for artistic, cultural, historical and global perspectives in film. They examine concepts, theories, practices and ideas from multiple angles, challenging their own views in order to understand and value those of others. As students work collaboratively in order to effectively communicate through film projects, they also cultivate an appreciation for the influence film has had across time and culture.

Off-Campus CTE Courses

- Students provide their own transportation to off campus courses

WELDING CTE	
Grade Level:	11-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	@ Soquel High School

This course is designed to provide students with entry level skills required in the various metal working occupations. Areas to be covered include oxygen-acetylene gas welding, tungsten inert gas (TIG), metallic inert gas (MIG), stick electrode arc welding processes, spot welding, drafting and blueprint reading, sheet metal forming processes, metal working power tools and hot and cold metal fabrication.

AUTOMOTIVE SERVICE TECHNICIAN CTE	
Grade Level:	11-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	@ Santa Cruz High School

This basic automotive technology course stresses general diagnosis, engine removal and reinstallation, cylinder head and valve train diagnosis and repair, engine block diagnosis and repair, lubrication and cooling system diagnosis and repair. Early morning class five days a week. Preference to juniors who commit to the two year program.

CULINARY ARTS CTE	
Grade Level:	11-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	@ Front Street Kitchen, Downtown Santa Cruz

This instructional program prepares students with food production, preparation, and service skills for employment in institutional, commercial, or independently owned food establishments or other food and hospitality industry occupations. Afternoon to early evening class once a week. Could receive Cabrillo credit with a "C" or better and recommendation by the instructor for CAHM 50ABC 3 credit

FIRE SCIENCE CTE	
Grade Level:	11-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	@ Santa Cruz High School

This course is an overview of fire technology and includes information on firefighting, hazardous materials, fire prevention and the organizations that provide this type of service. Various certifications will be offered including CPR, First Aid, and Incident Command. Could receive Cabrillo credit. Students who complete the course with a grade of C (70%) or better and upon recommendation of the instructor, are eligible to petition for college credit upon enrolling at Cabrillo College, credit by exam. Cabrillo FT1 3 units.

INFORMATION TECHNOLOGY CTE	
Grade Level:	11-12
Recommended Completion of:	
Fulfills UC/CSU Requirement:	G
Other:	@ Cruzio Classroom in downtown Santa Cruz

Students are introduced and learn a variety of networking technologies, operating systems and communications networks. Students will learn the fundamentals of web design and the infrastructures that support the World Wide Web. Students will learn Linux, program in the Bash

Shell, code in the PHP-Hypertext Preprocessor programming language and SQL-Structured Query Language to use, manage and update online databases. Students need to complete an application to apply for the class.

SPORTS MEDICINE CTE	
Grade Level:	11-12
Recommended Completion of:	Biology and Chemistry
Fulfills UC/CSU Requirement:	D
Other:	@Soquel

Students learn the skills necessary to work within the field of Sports Medicine, Athletic Training and Health Professions caring for physically active individuals. Focus is on functional anatomy, physiology, biomechanics and nutrition; the care and prevention of athletic injuries, therapeutic treatments and rehabilitation exercises. Students work as student athletic trainers at their school. Meets CSU/UC "G" requirement. Cabrillo Articulation -- Eligible to petition for KIN-10A, 3 credits, with Grade of "B" (80%) or better and instructor recommendation, credit by exam.

Special Education

Special Day Class (SDC) Program

- Students attend the majority of their academic courses in a self-contained classroom format with one teacher, usually their Case Manager.
- SDC courses specific to various subject areas (Basic Social Studies, Basic Math, Basic Science, etc.) are available for students in this program based on their IEP.
- Elective courses and P.E. are taken in the mainstream program.
- Tutorial courses are provided for support in mainstream classes through individual tutoring and reinforcement of study skills.
- SDC courses titled Basic (ie. Basic Math, Basic English, etc.) count as elective credit. Students who do not take mainstream English, math and other academic classes in the specified subject areas required for graduation are eligible to earn a Certificate of Completion or a Certificate of Attendance.

SDC COURSES	
Grade Level:	9-12
Recommended Completion of:	Placement by IEP team
Fulfills UC/CSU Requirement:	No

Other:	SDC program courses such as Basic Social Studies, Basic Math, Basic Science, etc. may be repeated.
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Resource Specialist Program (RSP)

ACADEMIC SUPPORT	
Grade Level:	9-12
Recommended Completion of:	Placement by IEP team
Fulfills UC/CSU Requirement:	No
Other:	RSP courses, such as Academic Support, may be repeated.

This is a course which provides academic support to students. Students strengthen academic skills through individualized and small-group instructions. Instruction is based upon Common Core Standard