

YERBA BUENA HIGH SCHOOL COURSE CATALOG

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STUDENT EXPECTATIONS

The staff at Yerba Buena High School strongly encourages and assists students in selecting and maintaining the most rigorous course of study appropriate to the student's individual ability level so that students are prepared for their post-secondary plans. In selecting courses for the following year, students may be required to obtain recommendations from current teachers. **When students select courses, they are making a yearlong commitment to remain in the course.**

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EAST SIDE UNION HIGH SCHOOL DISTRICT GRADUATION REQUIREMENTS

PROFICIENCY REQUIREMENTS

Students must pass the State of California High School Exit Exam.

CREDIT REQUIREMENTS: Students must earn 220 credits.

COURSE REQUIREMENTS:

<u>SUBJECT</u>		<u>CREDITS</u>
English	4 years	40
Social Science	3 years	30
• World History		
• United States History		
• American Government/Economics		
Mathematics	2 years	20
(2 years of math must include Geometry or Integrated Math 2 or higher)		
Fine Arts <u>or</u> Foreign Language	1 year	10
Physical Education	2 years	20
Science	2 years	20
Electives		80+

Elective courses may be selected from the following areas:

Arts-Performing

Arts-Visual

Business

CCOC – Central County Occupation Center

English

ELD – English Language Development

Foreign Language

Industrial Technology

Mathematics

Office Assistants

Reading

Physical Education

Reading

Science

Social Science

Incoming Freshmen Information

Ninth grade students will be enrolled in six subjects. The subjects include English, Mathematics, Physical Education, Science, and one of the following: Processes of Technology, Army JROTC, AVID, Computer Fundamentals/Safety Ed or Geography, and one additional elective. English, Math and Science classes are determined by testing and teacher recommendation.

Although most students will be allowed to take one elective course in the ninth grade, those students who need additional practice in reading will take a reading course in place of their elective. Students are asked to list in order of preference two elective courses. This will allow us to better serve your child's needs in the event that we run into scheduling conflicts.

In addition to the Freshmen Specialties described on the next page, the electives available for Freshmen are listed below.

DEPARTMENT

ELECTIVE

Performing Arts Department:

CHOIR
PIANO 1
ADV BAND 1
BEGINNING INSTRUMENTS
GUITAR 1

Fine Arts Department:

ART 1
DANCE 1
PHOTO1

Foreign Language Department:

FRENCH 1
SPANISH 1
VIETNAMESE FOR VIET. SPEAKERS 1
SPANISH FOR SPANISH SPEAKERS 1

COLLEGE ENTRANCE REQUIREMENTS

University of California

1. Minimum Subject Requirements – completed with a C grade or higher:

- a. **History** 2yrs.
(U.S. History and World History)
- b. **English** 4 yrs
- c. **Math *** 3 yrs
- d. **Science** 2 yrs
- e. **Foreign Language** 2 yrs
(same language)
- f. **Visual or Performing Arts** 1 yr.
- g. **Electives** (Selected from: 1 yr
visual or performing arts, English
advanced math, social science,
laboratory science, foreign language)

15 courses total

* Algebra 1, Geometry, Algebra 2

2. Examination Requirements:

- a. SAT I or ACT
- b. SAT II

3. Grade Point Average - GPA

A minimum cumulative GPA of 2.82 is required in the above course during grades 10 to 12.
Effective Fall 2007 the minimum is 3.00

California State University

1. Minimum Subject Requirements- completed with a C grade or higher

- a. **History** 2 yrs.
(U.S. History and Social Science)
- b. **English** 4 yrs
- c. **Math *** 3 yrs
- d. **Science** 2 yrs
- e. **Foreign Language** 2 yrs.
(same language)
- f. **Visual or Performing Arts** 1yr.
- g. **Electives** (Selected from: 1yr.
visual or performing arts, English social science,
advanced math, laboratory science)

15 courses total

* Algebra 1, Geometry, Algebra 2

2. Examination Requirements:

- a. SAT I or ACT

3. Grade Point Average - GPA

A minimum cumulative GPA of 2.00 is required based on course taken in grades 10 to 12.

Note: physical education does not count as a UC/CSU requirement and is not used in calculating your GPA for college entrance

COLLEGE TESTING RECOMMENDATIONS

1. **PSAT/National Merit** — October, Sophomore and Junior Year
2. **SAT I or ACT** — Spring, Junior Year
3. **SAT I or ACT** — Fall, Senior Year
4. **SAT II** — Fall, Senior Year (if applying to a UC)

ARTS – PERFORMING

Advanced Band 1 Grade 9-12 (UC, CSU)

Prerequisites: Completed an instrumental class

Advanced Band is an instrumental performance ensemble that includes performances in pep band, marching band, and concert band settings. This course emphasizes individual as well as ensemble musical growth. It is a study of music history, music theory, music technology, band literature from various genres, and instrumental performance. Students will develop their instrumental technique and music reading skills. Upon successful completion of this course, students will be prepared for Advanced Band 2.

Advanced Band 2-4 Grades 9 - 12 (UC, CSU)

Prerequisites: Advanced Band 1, successful audition, or teacher recommendation

Advanced Band is an instrumental performance ensemble that includes performances in pep band, marching band, and concert band settings. This course emphasizes individual as well as ensemble musical growth. It is a study of music history, music theory, music technology, band literature from various genres, and instrumental performance. Students will perform in large and small ensembles, develop leadership skills, and advance their instrumental technique, sight-reading skills, and understanding of music theory.

Choir 1 Grades 9 -12 (UC, CSU)

Prerequisites: None

Choir is a vocal performance ensemble open to both male and female students with a desire to learn about singing. Students will be exposed to a wide variety of quality vocal literature and develop their vocal technique and basic music skills, such as sight-singing and rudimentary piano-playing. Students will have the opportunity to audition for the Choir Honor Ensemble. Upon successful completion of this course, students will be prepared for Choir 2.

Choir 2-4 Grades 9 -12 (UC, CSU)

Prerequisites: Choir 1, successful audition, or teacher recommendation

Choir is a vocal performance ensemble open to both male and female students with a desire to learn about singing. Students will be exposed to a wide variety of quality vocal literature and advance their vocal technique. Students will improve their sight-singing and piano-playing skills, perform in large and small ensembles, develop leadership skills, and advance their understanding of music theory. Students will have the opportunity to audition for the Choir Honor Ensemble.

Dance 1 Grades 9 – 12 (UC, CSU)

Prerequisites: None

Dance is a beginning class for the student who has had little or not background training in dance. In this class, students will be learning hip hop, ballet, jazz, modern and tap technique. It will also include other cultural dance forms as well as a history of dance and choreography. Students will have opportunities to perform and view live performances. This class may include written and/or oral presentations.

Dance 2 – 4 Grades 9 – 12 (UC, CSU)

Prerequisites: Dance 1 or permissions of instructor

Dance is a beginning class for the student who has had little or not background training in dance. In this class, students will be learning hip hop, ballet, jazz, modern and tap technique. It will also include other cultural dance forms as well as a history of dance and choreography. Students will have opportunities to perform and view live performances. This class may include written and/or oral presentations.

Guitar 1 Grades 9 – 12 (UC, CSU)

Prerequisites: None

This one-year course is designed to introduce students to music through learning to play the guitar. Students will learn basic guitar playing technique and fundamental music skills, such as reading pitches and rhythms in written music. Students will perform solos and duets and learn basic music theory. Upon successful completion of this course, students will be prepared for Guitar 2.

Orchestra 1 Grades 9 - 12

Prerequisites: Completed an instrumental class

Orchestra is an instrumental performance ensemble that emphasizes individual as well as ensemble musical growth. It is a study of music history, music theory, music technology, orchestra literature from various genres, and instrumental performance. Students will develop their instrumental technique and music-reading skills. Upon successful completion of this course, students will be prepared for Orchestra 2.

Orchestra 2-4 Grades 9 - 12 (UC, CSU)

Prerequisites: Orchestra 1, successful audition, or teacher recommendation

Orchestra is an instrumental performance ensemble that emphasizes individual as well as ensemble musical growth. It is a study of music history, music theory, music technology, orchestra literature from various genres, and instrumental performance. Students will perform in large and small ensembles, develop leadership skills, and advance their instrumental technique, sight-reading skills, and understanding of music theory.

Piano 1 Grades 9 - 12 (UC, CSU)

Prerequisites: None

This one-year course is designed to introduce students to music through learning to play the piano. Students will learn basic piano playing technique and fundamental music skills, such as reading pitches and rhythms in written music. Students will perform solos and duets, and learn basic music theory. Upon successful completion of this course, students will be prepared for Piano 2.

Piano 2-4 Grades 9 - 12 (UC, CSU)

Prerequisites: Piano 1, successful audition, or teacher recommendation

This course is designed for students with previous musical experience and the desire to improve their piano-playing skills. Students will be exposed to a wide variety of quality

piano literature and advance their technique. Students will perform solos and duets, develop leadership skills, improve their sight-reading skills, and advance their understanding of music theory.

Drama 1 Grades 9 -12 (UC, CSU)

Prerequisites: None

This introductory course has a heavy emphasis on improvisation, theater games, concentration and relaxation exercises, and acting techniques. Television and film acting are introduced. Scene direction for stage and television is introduced.

Drama 2-4 Grades 10 -12 (UC, CSU)

Prerequisites: Drama 1

This course is a continuation of the skills introduced in Drama 1. Students in this course learn more complex acting techniques, including the Stanislavski Method. In Drama 3 students learn to direct a play. In Drama 4, the student is responsible for producing and directing a full studio production.

Technical Theatre Grade 9 - 12

Prerequisites: Instructor permission

This course shall be a hands-on overview of technical aspects of theatre. The student shall be introduced to the basics of set design, lighting design, scenic art, set building, sound, costumes, and stage management.

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ARTS - VISUAL

Art 1 Grades 9-12 (UC, CSU)

Prerequisites: None

This introductory art course is designed for students of all levels of art ability. This class will help students to become aware of the many forms of art and to explore some of these areas for both production and appreciation. Emphasis will also include multimedia technology, art history, appreciation and fundamentals of design, research papers, and oral presentations using presentation software. This course fulfills the Visual/Performing Arts requirement for UC/CSU.

Art History (Advanced Placement) Grades 10 -12 (UC, CSU)

Prerequisites: None

This course is designed to give the student a basic knowledge of the history of art and the way it applies to contemporary art of different cultures. Both western and non-western art traditions (Asian, African, Oceanic, Pre-Columbian, and Islamic) will be covered. Some studio experiences in relation to historic techniques will be offered. This course requires an essay each grading period. Students will be expected to take the advanced placement test in art history in May. This course fulfills the Visual/Performing Arts requirement for UC/CSU.

Drawing and Painting 1-3 Grades 10-12 (UC, CSU)

Prerequisites: Completion of Art 1 or instructor recommendation

This course is designed for students expressing a desire and displaying the ability to continue their art education in creative drawing and painting. This course begins with basic pencil drawing and painting. Students will learn the importance of creating an art portfolio that incorporates their own work. Materials will include acrylics, watercolors, collage, pencil, pen and ink, pastels, computer art, and mixed media. The painting units are arranged to further develop technical and expressive skills. The student will learn about and experiment with different painting styles such as realism, naturalism, stylization, impressionism, and abstract. Further experiences in painting and drawing are designed to challenge the student in independent directions. Students will also be introduced to digital and computer graphics programs. This course fulfills the Visual/Performing Arts requirement for UC/CSU.

Crafts 1 Grades 9 - 12 (UC, CSU)

Prerequisites: None

In this course, students will learn design fundamentals and apply these fundamentals in the creation of projects in the various craft media. This includes some of the following: clay, stained glass, sculpture, fiber arts, jewelry, printmaking and leather. Students will also learn about the cultural and historical background of some crafts and evaluate and appreciate crafts in different forms. This course fulfills the Visual/Performing Arts requirement for UC/CSU.

Photography 1 Grades 10-12

Prerequisites: none

This course covers the fundamentals of photography, the use and care of the camera, film developing, and black and white printmaking. Students will learn lighting techniques and the basics of studio photography. Students will also be introduced to digital photography and computer graphics programs. This course also covers the history of photography, critique, and print presentation. This course fulfills the Visual/Performing Arts requirement for UC/CSU.

Photography 2-3 Grades 11-12 (UC, CSU)

Prerequisites: C or better in Photography 1

Students explore advanced equipment and techniques, which include working with medium film formats and digital photography. Students are expected to create a portfolio of prints for exhibit as well as several computer presentations that incorporate their own images. This course fulfills the Visual/Performing Arts requirement for UC/CSU.

BUSINESS EDUCATION

Computer Fundamentals Grade 9

Prerequisites: None

This semester course is an introduction to computers and their uses in society. This is a hands on course that provides basic keyboarding skills and introduces the student to basic word processing, spreadsheets, databases, presentation skills, and how to access information electronically. This one semester course is paired with one semester of Safety Education.

Computers and Information Technology Grades 10 -12

Prerequisites: Computer Fundamentals or approval of instructor

This course covers an in-depth study and use of computers and information technology. Students will thoroughly examine computer hardware, software, data networks and procedures, as well as analyze the impact and application of computers in business. Software applications such as word processing, electronic spreadsheets, database management systems, email systems and graphic/presentation packages will be used.

Web Tech Grades 10-12

Prerequisites: CIT or approval of instructor

Students in this course will learn how to create professional web sites. Students will learn HTML and JavaScript for the creation of web sites with enhanced text formatting, tables, forms, image maps and background colors and patterns. The use of storyboarding, graphic design principles, photo editing, and the elements of art will be used to develop projects.

Economics for Business Grades 11-12

Prerequisites: Web Tech or approval of instructor

Students in this course will learn the basic principals of starting and running a business. Students study business planning, management, marketing and basic financial concepts while learning how to organize and operate a small business. Students with a career interest in small business or entrepreneurship will learn skills for employment in today's growth industries as well as skills transferable to the professions of the future.

Advanced Computer Applications Grades 10-12

Prerequisites: None

Students enrolled in this course design and produce the school yearbook. Creative, responsible students who have skills and interests in internet publishing, multimedia production are most desirable. Second and third year students will provide the initiative and leadership to design and publish the school yearbook.

ROP Marketing Grades 11-12

Prerequisites: Approval of instructor

This course is designed to provide students with the basic understanding and technical competencies to become employable at entry positions in merchandising. It provides classroom instruction and work experience. In order to achieve 15 credits per semester, students must work a minimum of 11 hours per week for the entire semester. Although the instructor will assist with job placement whenever possible, the student is primarily responsible for obtaining a job. If for some reason the job terminates during the semester, credits are lowered accordingly.

Work Experience Grades 11-12

Prerequisites: Approval of instructor

Grades in this program are based on employer evaluations, verification of weekly time sheets, instructional assignments, and attendance at weekly school meetings. A minimum of 10 hours per week is required to receive five credits and a minimum of 20 hours per week is required to receive ten credits at the end of each semester. A student can earn no more than a maximum of 40 credits in work experience toward graduation.

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ENGLISH/LANGUAGE ARTS

Language Arts 3/9 Grade 9 only (UC, CSU)

Prerequisites: Teacher recommendation

This freshman English course is for below grade level proficient 9th graders. It includes the writing of well-developed and correct paragraphs, oral presentations, and an introduction to literature. Listening, speaking, and study skills will also be emphasized. Placement in a concurrent Reading Improvement course is mandatory unless test scores indicate reading proficiency.

English 1 Grade 9 - 10 (UC, CSU)

Prerequisites: Teacher recommendation

English 1 is a standards-based college preparatory course for 9th graders. Students read and analyze a minimum of four historically or culturally significant works of literature. In addition, students develop skills in reading and understanding informational materials. Grammar, vocabulary, spelling, and multi-media communication skills are reinforced through structured performance tasks aligned with the context of the California Content Standards for Language Arts and High School Exit Exam criteria. Students produce multiple pieces of writing, building to full essays; during the year they write a minimum of six original multiple-paragraph essays. In addition, students complete the ESUHSD writing assessment. Students maintain a writing portfolio that they continue to build and review throughout the year. Separate sections of English 1 (Grade Level 9 only) are offered for students seeking enrollment in Accelerated (Honors) courses. This course satisfies graduation requirements for East Side Union High School District . This course fulfills one year of the English requirement for University of California and California State University.

English 1/9 Accelerated Grade 9 only (UC, CSU)

Prerequisites: Teacher recommendation

This course includes all the components of English 1/9, with a more extensive and intensive study of major literary works and forms.

English 2 Grades 10 - 12 (UC, CSU)

Prerequisites: Teacher recommendation

English 2 is a standards-based college preparatory course for 10th graders. Students read and analyze a minimum of four works of literature representative of writing from around the world, exploring a broad range of literary elements to enhance understanding. In addition, students develop skills in reading and understanding informational materials. Grammar, vocabulary, spelling, and multi-media communication skills are reinforced through structured performance tasks aligned with the California Content Standards for Language Arts and High School Exit Exam criteria. Students write a minimum of six original multiple-paragraph essays, including a basic annotated research paper (5-7 pages). In addition, students complete the ESUHSD writing assessment. Students maintain a writing portfolio that they continue to build and review throughout the year. Separate sections of English 2 are offered for students seeking enrollment in Accelerated (Honors) courses. This course satisfies graduation requirements for East Side Union High School District . This course satisfies one year of the English requirement for University of California and California State University .

English 2 Accelerated Grade 10 only (UC, CSU)

Prerequisites: Teacher recommendation

This course includes all the components of English 2 with a more extensive and intensive study of literature.

English 3 Grades 11 - 12 (UC, CSU)

Prerequisites: Teacher recommendation

English 3 is a standards-based college preparatory course open to 11th and 12th graders who have demonstrated mastery of English 2 curriculum standards. Students read and critically analyze a variety of texts, including a minimum of five major works (novels, plays, non-fiction memoirs) that trace the major social, cultural, and philosophical trends that influenced American literature. English 3 students develop a basic understanding of Puritanism, Unitarianism, Romanticism, Naturalism, Transcendentalism, and Realism. Grammar, spelling, college level vocabulary development, college note taking, and multi-media communication skills are reinforced through structured performance tasks aligned with the California Content Standards for Language Arts. Students demonstrate logical, critical thinking skills through focused, coherent oral presentations and written interpretation of fiction and non-fiction works. Students write a minimum of six original multiple-paragraph essays, including essays written under the pressure of a specific time limit, and one annotated research paper (8-10 pages) using parenthetical references that follow the *Modern Language Association Handbook for Writers of Research Papers*, 6th or latest edition guidelines. Students maintain a writing portfolio that they continue to build and review throughout the year. Separate sections of English 3 are offered for Honors students. This course satisfies graduation requirements for East Side Union High School District . This course fulfills one year of the English requirement for University of California and California State University .

English Language and Composition (Advanced Placement) Grade 11
(UC, CSU)

Prerequisites: Teacher recommendation; 50%tile or higher on 10th grade STAR test

This advanced placement course engages students in becoming skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Students are expected to take the English Language and Composition Advanced Placement test in May.

English 4 Grade 12 only (UC, CSU)

Prerequisites: Teacher recommendation

English 4 is a standards-based college preparatory course open to 12th graders who have satisfactorily completed English 3. Students examine the underlying political assumptions and philosophical arguments in historically or culturally significant works of world literature. During the course, students read and critically analyze a minimum of five major works (novels, plays, nonfiction essays) that contrast major literary forms, techniques, and characteristics. English 4 students demonstrate critical and interpretive reading and thinking skills through focused, coherent oral presentations and written interpretation of fiction and non-fiction works. Grammar, spelling, college level vocabulary, college note taking, and multi-media communication skills are reinforced through structured performance tasks aligned with the California Content Standards for Language Arts. Students write a minimum of six original multiple-paragraph essays, including essays written under the pressure of a specific time limit, and one annotated research paper (8-10 pages) using parenthetical references that follow the *Modern Language Association Handbook for Writers of Research Papers*, 6th or latest edition guidelines. As a culminating assignment, students prepare a written reflection of their growth as they review four years of writing. Separate sections of English Composition and Literature AP are offered for advanced students. This course satisfies graduation requirements for East Side Union High School District . This course satisfies one year of the English requirement for University of California and California State University .

English Literature and Composition (Advanced Placement) Grade 12
(UC, CSU)

Prerequisites: Teacher recommendation; 50%tile or higher on 11th grade STAR test

This advanced placement course includes advanced composition and an in-depth study of major works of English and Western Literature and significant developments in Western philosophy and art. Students are expected to take the English Literature and Composition Advanced Placement test in May.

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ENGLISH LANGUAGE DEVELOPMENT (ELD)

ELD Language Arts 1 Grades 9 -12

Prerequisites: Assessment & teacher recommendation

This course is for recently arrived students that are learning English as a second language. Its focus is to increase English fluency through the integration of listening, speaking, reading, and writing activities presented in thematic units. Students will learn to write basic personal information and short responses in a structured context, initiate a simple dialogue, follow instructions or directions and demonstrate understanding by re-telling a simple story. Students enrolled in this course are required to be concurrently enrolled in ELD Reading Improvement 1.

ELD Language Arts 2 Grades 9 -12

Prerequisites: Assessment & teacher recommendation

This course affords students who are learning English as a second language the opportunity to expand on the listening, speaking, reading, and writing skills acquired in ELD 1. Units are thematic and literature based. Instruction emphasizes the expansion of paragraph writing skills using supporting details and quotes with basic grammatical accuracy. Students enrolled in this course are required to be concurrently enrolled in ELD Reading Improvement 2 or 3.

ELD Language Arts 3 Grades 9 -12 (CSU/UC)

Prerequisites: Assessment & teacher recommendation

This course provides an in-depth study of English language structures, vocabulary, and literature. The student continues to expand listening, speaking, reading, and writing skills with a greater emphasis on literature and essay development. Students will learn to summarize and paraphrase, to write a report using research materials and quotes, to write in a variety of genres (reflective, persuasive and creative) and to revise and edit for correct grammar, spelling and punctuation. Students enrolled in this course are required to be concurrently enrolled in ELD Reading Improvement 3.

ELD Reading Improvement 1 Grades 9 -12

Prerequisites: Assessment & teacher recommendation

This is a one-year basic reading improvement course for non-native English speaker that focuses on increasing English fluency including being able to understand short, simple text, communicate basic needs and comprehend sequenced information on familiar topics. Students enrolled in this course are required to be concurrently enrolled in ELD Language Arts 1.

ELD Reading Improvement 2 Grades 9 -12

Prerequisites: Assessment & teacher recommendation

This is a one-year basic reading improvement course for non-native English speakers that supports the listening, speaking, reading and writing skills found in ELD Language Arts 2. The course continues to develop language through vocabulary expansion and reading comprehension skills. Literature, recreational reading, and content area reading are included. By the end of this course, students will be able to restate main events in a story using complete sentences and simple transition words. Students will deliver short oral presentations. Students will also be able to identify the characters, theme, setting and plot in familiar literature. Students enrolled in this course are required to be concurrently enrolled in ELD Language Arts 2 or 3.

ELD Reading Improvement 3 Grades 9 -12

Prerequisites: Assessment & teacher recommendation

This is a one-year basic reading improvement course for non-native English speakers that supports the listening, speaking, reading and writing skills found in ELD Language Arts 3. The course is for intermediate level ELD students who have been in the United States for three to four years. It continues to develop language through vocabulary expansion and reading comprehension skills. Literature, recreational reading, content area reading, and individual reading skills needs are included. By the end of the course, students will be able to use context clues to understand new vocabulary, make predictions, draw conclusions, recognize cause and effect and sequence events. Students will also be able to use standard English to respond to questions about content material. Students enrolled in this course are required to be concurrently enrolled in ELD Language Arts 3.

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FOREIGN LANGUAGE

French 1 Grades 9-12 (UC, CSU)

Prerequisites: College preparatory English skills

This first year of the language is intended for non-native speaking students. The student is introduced to the fundamentals of understanding, speaking, reading, and writing French. The geography and culture of French speakers are introduced along with grammar and vocabulary. Students will do reports, skits, dialogues, readings, and other activities in order to learn the language. The approach is communicative, cultural, and academic.

French 2 Grades 10-12 (UC, CSU)

Prerequisites: C or better in French 1 or level 1 teacher recommendation

The second year language sequence is essentially a continuation of the first year language with the same general emphasis and course content, but on a more advanced level. A stronger emphasis on culture is brought in during the second year language class. A variety of projects are created by students individually and in pairs or teams including reading and writing stories, plays, dialogues, and other presentations.

French 3/4 Grades 11-12 (UC, CSU)

Prerequisites: C or better in French 2/3 or level 2/3 teacher recommendation

Each of these courses is for the student who has a special interest in mastering the language and becoming involved with the culture of the French speaking peoples. In addition, students will explore the literature of French speaking nations. Practice of the four fundamental skills – listening, speaking, reading, and writing will continue throughout the year.

Spanish 1 Grades 9-12 (UC, CSU)

Prerequisites: College preparatory English skills

This first year of the language is intended for non-native speaking students. The student is introduced to the fundamentals of understanding, speaking, reading, and writing Spanish. The geography of Spanish speaking countries and culture of Spanish speakers are introduced along with grammar and vocabulary. Students will do reports, skits/dialogues, readings, singing and other activities in order to learn the language. The approach is communicative, cultural, and academic. As part of the culture component, students will be introduced to food and music of Spanish speaking countries.

Spanish 2 Grades 10-12 (UC, CSU)

Prerequisites: C or better in Spanish 1 or level 1 teacher recommendation

The second year language sequence is essentially a continuation of the first year language with the same general emphasis and course content, but on a more advanced level. A stronger emphasis on culture is brought in during the second year language class. A variety of projects are created by students individually and in pairs or teams including reading and writing stories, plays, dialogues, and other presentations. Students will interact with one another as they continue to explore the cultures of Spanish speaking countries where they will have an opportunity to share about the countries they study.

Spanish 3/4 Grades 11-12 (UC, CSU)

Prerequisites: C or better in Spanish 2/3 or level 2/3 teacher recommendation

Each of these courses is for the student who has a special interest in mastering the language and becoming involved with the culture of the Spanish speaking peoples. In addition, students will explore the literature, music, art, foods and history of Spanish speaking nations. Practice of the four fundamental skills – listening, speaking, reading, and writing will continue throughout the year.

Spanish for Spanish Speakers 1 Grades 9 -12 (UC, CSU)

Prerequisites: Native Spanish Speaker

This course is the first in a series of courses of a Spanish language arts program. The primary focus of the course is to enhance and refine the Spanish language skills of Spanish-speaking students. Activities in the course will include reading, writing, speaking and listening in Spanish. Additionally, the study of Spanish and Latin American literature and writing compositions in Spanish are a primary requirement of the class. This course parallels the main mastery objectives of English 1.

Spanish Language (Advanced Placement) Grades 10-12 (UC, CSU)

Prerequisites: Teacher recommendation and/or passing Spanish of Spanish Speakers 1 with a C or better

The primary focus of the course is to enhance and refine the Spanish language skills of students in preparation for the Spanish Language advanced placement test. Activities in the course will include the enhancement of all skills, including writing, listening, speaking and grammar. Students will also read and analyze Spanish and Latin American literature and write compositions in Spanish. Students will be expected to take the advanced placement test in Spanish Language in May. This is the second course in a series for Native Spanish speakers. Non-native speakers may take the course with instructor approval.

Spanish Literature (Advanced Placement) Grades 10-12 (UC, CSU)

Prerequisites: Teacher recommendation and passing Spanish Language AP with a C or better.

The primary focus of the course is to enhance and refine the Spanish language/literature skills of students in preparation for the Spanish Literature advanced placement test. Activities in the course will include reading a survey of Spanish and Latin American literature and writing compositions in Spanish. Additionally, students will engage in classroom discussions and analysis of literary works. Students will be expected to take the advanced placement test in Spanish Literature in May. This is the third course in a series for Native Spanish speakers. Non-native speakers may take the course with instructor approval.

Vietnamese for Vietnamese Speakers 1 Grades 9 -12 (UC, CSU)

Prerequisites: Native Vietnamese Speaker

This course is the first in a series of courses of a Vietnamese language arts program. The primary focus of the course is to enhance and refine the Vietnamese language skills of the Vietnamese-speaking student. Activities in the course will include reading Vietnamese literature and writing compositions in Vietnamese.

Vietnamese for Vietnamese Speakers 2 Grades 9 -12 (UC, CSU)

Prerequisites: Native Vietnamese Speaker and VS1 teacher recommendation

This course is the second in a series of courses of a Vietnamese language arts program. The primary focus of the course is to enhance and refine the Vietnamese language skills of the Vietnamese-speaking student. Activities in the course will include reading Vietnamese literature and writing compositions in Vietnamese.

Vietnamese for Vietnamese Speakers 3 Grades 10-12 (UC, CSU)

Prerequisites: Native Vietnamese Speaker and VS2 teacher recommendation

This course is the third in a series of courses of a Vietnamese language arts program. The primary focus of the course is to enhance and refine the Vietnamese language skills of the Vietnamese-speaking student. Activities in the course will include reading Vietnamese literature and writing compositions in Vietnamese.

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INDUSTRIAL TECHNOLOGY

Processes of Technology Grade 9 (Intro to Engineering)

Prerequisite: None

This course explores the properties of the various materials (woods, metals, plastics, concrete, etc.) of industry and the processes used to shape, form, join and fabricate these materials into the products of society. Students can learn to operate a variety of machinery and equipment used in fabricating and working materials into useful products. In addition, the course teaches basic skills that students can use in their other high school classes, such as - computer literacy, Internet and World Wide Web usage, teamwork, personal management and leadership skills, public speaking skills, and organizational skills. The course is divided into two semester units, one taught in the woods technology facility and the other taught in the metals technology facility.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards #2, #11, #16, #18 and #23; Academic Performance Standard – mathematics #10 and #11; Academic Performance Standards – language arts #20, #21 and #22.

Engineering Graphics and Design Grade 10 (Principles of Engineering)

Prerequisite: Sophomore standing in the YB Pre-engineering Magnet program

This course will explore the ways in which engineers and designers begin with ideas to solve a design challenge with drafting tools, and then build models to test their designs. Students will use Computer Aided Drafting (CAD), word processing, and related computer applications for a hands-on experience in creating drawings and documentation for student design projects. Application of problem-solving methods, industry drafting standards, and theory are emphasized in the many exciting projects that students will design, draw, build and test in this course.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards #2, #4, #6, #7, #8, #9, #10, #14, #15, #16, #18 and #20; Academic Performance Standard – mathematics #10, #11 and #14; Academic Performance Standards – language arts #20, #21 and #22.

Concepts of Electronics Grade 11

Prerequisite: Junior standing in the YB Pre-engineering Magnet program

This course explores theory and practical applications of electronics technology. Students will explore concepts of DC and AC electricity, basic circuit types/functions, use of instrumentation, circuit design and fabrication, and computer system integration. This is a fast paced course, which strives to present several aspects of the electronics field.

Students will work in teams to explore and apply concepts presented in class. The course blends theory, lab, experimentation, and design/fabrication activities to provide a varied and interesting learning environment.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards #1, #3, #4, #5, #6, #7, #8, and #15; Academic Performance Standard – science #2 and #3; Academic Performance Standard – mathematics #10, #11, #12, #14 and #16; Academic Performance Standards – language arts #20, #21 and #22.

Senior Engineering Project Grade 12

Prerequisite: Senior standing in the YB Pre-engineering Magnet program

This course is designed to be a culmination of the technology sequence for magnet students. The class presents engineering concepts and processes which will allow students to develop a first hand knowledge of engineering – decision making, team processes, responsibility, design, criterion based evaluation, peer review, prototyping, oral critiques, etc. The course incorporates a team of instructors including high school instructors and a college instructor to provide students with a unique opportunity to explore and interact with individuals in their field of interest. The class also provides instruction and assistance with college applications, scholarships, and defining and understanding the varied fields of engineering.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards - drafting #4, #6, #7, #8, #9, #14, and #15; Technical Performance Standards – technology core #11; Academic Performance Standard – mathematics #10, #11, #12, #14 and #16; Academic Performance Standard – science #2; Academic Performance Standards – language arts #20, #21 and #22.

Construction Technology I Grades 10 - 12

Prerequisites: Processes of Technology or Instructor permission

This course is the first class in the Construction Technology sequence and provides an initial introduction to the construction trades with a focus on residential construction. The course includes the general areas of: safety, hand and power tools, framing, plot layout, wiring, plumbing, concrete, exterior finishes, drywall, roofing, painting, and building codes as well as drawing and reading plans. Students will have the opportunity to – learn by doing – and to participate in special activities such as industry sponsored workshops, industry tours, job shadowing and summer internships.

Construction Technology II Grades 11 - 12

Prerequisites: Construction Technology I

The second course in the Construction Technology sequence, Construction Technology II expands on the concepts and skills learned in Construction Technology I. In addition to developing advanced carpentry skills, students will explore the areas of sheet metal,

pipefitting, welding, soldering, brazing, electrical wiring and telecommunication systems. Students will have the opportunity to – learn by doing – and to participate in special activities such as industry sponsored workshops, industry tours, job shadowing and summer internships.

Construction Technology III Grades 11-12

Prerequisites: Construction Technology II

The third course in the Construction Technology sequence, Construction Technology III continues to focus on residential construction reviewing the general areas of safety; hand and power tools used in framing, wiring, plumbing, concrete, drywall and finishing. The course will further the students knowledge in the areas of building codes; reading, drawing and interpreting plans, advanced framing, piping systems, electrical power and distribution systems ducting, pipe fitting and welding. Students will have the opportunity to participate in activities such as industry sponsored workshops, industry tours, job showing, summer internships and will complete a culminating senior construction project.

Drafting Technology I Grades 9 -12

Prerequisites: None

This is a beginning level class that requires no previous drawing skills. Students will create simple design drawings using computer aided drafting techniques and practices. Pictorial drawing systems, measurement, drawing reproduction, pattern development, dimensioning, and computer plotting will also be included in this course.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards #2, #4, #6, #7, #8, #9, #10, #14, #15, #16, #18 and #20; Academic Performance Standard – mathematics #10, #11 and #14; Academic Performance Standards – language arts #20, #21 and #22.

Electronics I Grades 9 - 12

Prerequisites: None

Students will explore basic electrical concepts, build and evaluate circuits, master the language of electronics, use modern test equipment, design and build projects, and repair/troubleshoot computers, audio gear, etc. Material is taught using varied techniques, such as mini-lectures, computer tutorials, hands-on lab experiments, team challenges, and individual projects. Upon completion of this course, students will be well versed in basic electricity and electronics and able to successfully continue further studies at CCOC, Community College, or at Yerba Buena.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards #1, #3, #4, #5, #6, #7, #8, and #15; Academic Performance Standard – science #2 and #3; Academic Performance Standard – mathematics #10, #11, #12, #14 and #16; Academic Performance Standards – language arts #20, #21 and #22.

Electronics II/III Grades 9 - 12

Prerequisites: Electronics I

This class is designed for students who want to continue their electronics education. It is an expansion of Electronics I and utilizes similar techniques for learning. Students will study analog and digital circuits. Students will also be able to design and fabricate circuits of their own design.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards #1, #3, #4, #5, #6, #7, #8, #9, #10 and #15; Academic Performance Standard – science #2 and #3; Academic Performance Standard – mathematics #10, #11, #12, #14 and #16; Academic Performance Standards – language arts #20, #21 and #22.

Electronic Tech. Grades 11 - 12

Prerequisites: Instructor permission

This class is designed to teach students computer troubleshooting, maintenance, and repair as well as computer networking and administration. Most students will have taken the STRUT course prior to enrolling in Electronic Tech. The course deals with hardware, software, and networking issues with a focus on system characteristics, system integration, recognizing problems, repair, and upgrading. This class will be taught in a seminar format with ample opportunity for hands-on application of learned material.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards – electronics #19, #25, #26, #27 and #28; Academic Performance Standard – mathematics #10, #11 and #12; Academic Performance Standards – language arts #20, #21 and #22.

STRUT Grades 10 - 12

Prerequisites: None

This class is designed to teach students computer troubleshooting, maintenance, and repair as well as computer networking and administration. The course deals with hardware, software, and networking issues with a focus on system characteristics, system integration, recognizing problems, repair, and upgrading. This class will be taught in a seminar format with ample opportunity for hands-on application of learned material. Students can continue their education and experience in this area by enrolling, with instructor permission, in Electronic Tech and/or Computer Networking and Telecommunications.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards – electronics #19, #25, #26, #27 and #28; Academic Performance Standard – mathematics #10, #11 and #12; Academic Performance Standards – language arts #20, #21 and #22.

Computer Networking and Telecommunications Grades 11 - 12

Prerequisites: Instructor permission

This class is designed to teach students the fundamentals of computer hardware, system integration, operating systems, and network hardware/software. Students will receive extensive hands-on training in computer troubleshooting and setup/integration. Students will also build and troubleshoot a peer-peer and client-server Novell Netware 4.1 Network. The overall goal of the course is to prepare students with the basic knowledge needed to pursue A+ certification and Certified Novell Administrator certification.

This course meets the following Industrial and Technology Education model curriculum standards as put forth in the 1996 Calif. Dept. of Education ITE Career Path Guide: Career Performance Standards #1, #2, #3, #4, #5 #6 and #7; Technical Performance Standards – electronics #19, #25, #26, #27 and #28; Academic Performance Standard – mathematics #10, #11 and #12; Academic Performance Standards – language arts #20, #21 and #22.

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MATHEMATICS

Algebra 1 Grades 9 -12 (UC, CSU)

Prerequisites: None

Algebra 1 is the first course in the traditional four-year college preparatory mathematics sequence. In light of California 's mandated assessment programs, namely the STAR and the High School Exit Exam, the first year program has been divided into six major strands, one for each grading period. The strands are:

1. Working with Linear Equations Part I (1.5 credits)
2. Working with Linear Equations Part II (1.5 credits)
3. Working with Linear Equations in Two Variables (2.0 credits)
4. Working with Polynomials and Rational Expressions (1.5 credits)
5. Working with Quadratics (1.5 credits)
6. Working with Geometry, Probability and Statistics (2.0 credits)

The grading standard for Algebra 1 is as follows: 90-100% A; 80-89% B; 70-79% C; Below 70% F.

Students who do not achieve a C or better on each strand must attend afterschool recovery sessions in order to obtain credit for the class. Students must earn 10 credits in Algebra 1 to continue on to the next course in math.

Geometry Grades 9 -12 (UC, CSU)

Prerequisites: Algebra 1 or Integrated Mathematics 1

This course is the second course in the traditional four-year college preparatory mathematics sequence. It is an investigation of the properties and their applications in area, volume, and proportion. It includes an introduction to analytic geometry that is a study of the structure of logical, deductive, inductive, and intuitive reasoning, and the development of proofs and demonstrations.

Algebra 2 Grades 9 -12 (UC, CSU)

Prerequisites: C or better in Algebra 1 or Integrated Math 1 & Geometry or Integrated Math 2

This course is the third course in the traditional four-year college preparatory mathematics sequence. The material covered complements and expands the mathematical content and concepts of Integrated Math I and Geometry. Students who master Algebra 2 will gain experience with algebraic solutions of problems in various content areas, including the solution of systems of quadratic equations, logarithmic and exponential functions, the binomial theorem and the complex number system.

Math Analysis Grades 10 -12 (UC, CSU)

Prerequisites: C (B preferred) in Algebra 2

This rigorous and demanding course consists of a study of selected topics of advanced high school mathematics, including trigonometry, and is intended to provide the student with sufficient background to pursue college mathematics or a field related to mathematics. It is recommended for all college preparatory students preparing for a career in science, mathematics, and engineering.

***Upon successful completion each of the following 3 courses, the student will take the appropriate AP examination and, with an appropriate score, receive college credit for the course.**

Calculus AP/AB Grades 10 -12 (UC, CSU)

Prerequisites: C (B preferred) in Math Analysis

This is rigorous and demanding course designed to teach college-level curriculum. The student will study from a primarily intuitive, rather than totally abstract approach, the following topics: function relationships, analytic geometry and rectilinear motion, limits and continuity, differentiation of algebraic and trigonometric functions, maximum and minimum values with applications, and the study of areas using integration. Investigations will help the students examine the usefulness of Calculus in the natural and social sciences. A graphing calculator is needed for both the course and the Advanced Placement test.

Calculus AP/BC Grades 11-12 (UC, CSU)

Prerequisites: B or better in Calculus AP/AB or a 3 or higher on the AP Exam for Calculus AB

This course is a continuation of Calculus AP/AB. Topics to be covered are advanced integration techniques, improper integrals, infinite series and convergence, power series, Taylor Polynomials, Taylor and Maclaurin's series, conic sections, plane curves, parametric equations, polar coordinates, vectors and the geometry of space, vector valued functions, functions of multiple variables, multiple integrals and vector analysis.

Statistics (Advanced Placement) Grades 10 – 12 (UC, CSU)

Prerequisites: B or better in Algebra 2, or a C or better in Math Analysis. However, this course could be taken concurrently with Math Analysis or with Calculus AP/AB. Must be at grade level in English.

This course introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will study four broad conceptual themes: Exploratory Data (observing patterns and departures from patterns), Planning a Study (deciding what and how to measure), Anticipating Patterns (producing models using probability and simulation), and Statistical Inference (confirming models). Topics explored in this course include: distributions of univariate data, exploring bivariate data and categorical data, correlation and linearity, methods of data collection, planning and conducting surveys/experiments, random samples, random variables, mean and standard deviation, probability, sampling distribution, normal distribution, statistical inference, confidence intervals, tests of significance and mathematical modeling.

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PHYSICAL EDUCATION

Adaptive Physical Education Grades 9 - 12

Prerequisites: Doctor's recommendation

This course is designed for students not able to participate in a regular physical education program because of a physical handicap, either permanent or temporary, but who would benefit from a modified program. The recommendation from a medical doctor or an individualized educational program (IEP) is necessary in order to be enrolled in the program.

Medical Physical Education Grades 9 - 12

Prerequisites: Doctor's recommendation

This course is designed for students not able to participate in a regular physical education program because of a physical handicap, either permanent or temporary. The recommendation from a medical doctor or an individualized educational program (IEP) is necessary in order to be enrolled in the program.

Physical Education Freshmen Grade 9

Prerequisites: None

This course provides the first-year core curriculum for all ninth grade students. Special emphasis is placed on basic skills, knowledge, and rules of the various activities. All students are required to take swimming while in P.E.

Physical Education Grades 10 -12

Prerequisites: None

This is a course designed to place emphasis on advanced techniques and skills and on individual and dual sports for lifetime activity. Nutrition, diet, and lifetime goals are stressed throughout the year.

Physical Education - Swimming Grades 10 -12

Prerequisites: None

This course is a semester long elective offered only during first semester. Students will be required to enroll in a regular PE class for second semester. The class is designed for students who wish to develop their swimming skills so that they may pursue swimming as a life long activity.

Physical Education - Tennis Grades 10 -12

Prerequisites: None

This course is a semester long elective offered only during first semester. Students will be required to enroll in a regular PE class for second semester. The class is designed for students who wish to develop their tennis skills so that they may pursue tennis as a life long activity.

Physical Education - Volleyball Grades 10 -12

Prerequisites: None

This course is a semester long elective offered only during first semester. Students will be required to enroll in a regular PE class for second semester. The class is designed for students who wish to develop their volleyball skills so that they may pursue volleyball as a life long activity.

Physical Education – Weight Lifting Grades 10 -12

Prerequisites: None

This course is a **semester long elective offered only during first semester**. Students will be required to enroll in a regular PE class for second semester. The class is designed for students who wish to develop their weight lifting skills so that they may pursue weight lifting as a life long activity.

Physical Education – Weight Lifting Grades 10 -12

Prerequisites: None

This course is a **year long elective offered only during zero period**. The class is designed for students who wish to develop their weight lifting skills so that they may pursue weight lifting as a life long activity.

REQUIRED UNIFORM:

The following gym clothing and tennis shoes are required of all students in physical education classes: shorts or sweats and a T-shirt with a Yerba Buena logo (purchased through the Physical Education Department) and tennis shoes. Absolutely no thermals or spandex (biking shorts) are allowed. All gym clothing should be visibly marked with the student's name. Gym clothing should be laundered each weekend.

Lockers will be issued to the students during the first week of class. Lockers have combination locks provided by the school.

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SCIENCE

Integrated Science 1 Grades 9-12 (UC, CSU elective, NOT science)

Prerequisites: None

This two-semester course can meet either the physical or biological district science requirement. This introductory course integrates the disciplines of biology, chemistry, physics, and earth science in a hands-on curriculum. While learning scientific principles, students are responsible for identifying problems, formulating hypotheses, designing and conducting laboratory experiments, preparing data tables, graphing, collecting and interpreting data, and communicating the results of their work.

Biology Grades 9-12 (UC, CSU)

Prerequisites: Pass two semesters of Int. Science 1; or teacher recommendation for Grade 9

This laboratory science course is devoted to the study of life processes. Content includes inquiry, evolution, reproduction, genetics, cell physiology, growth, energy transformations, classification, and molecular biology.

Chemistry Grades 10-12 (UC, CSU)

Prerequisites: C or better in Biology and Algebra 1 or Int. Math 1

This is a laboratory science course based on experiment and observation that stresses the understanding of the basic theoretical concepts of chemistry. The course is quantitative in nature, and therefore requires strong math skills.

Physics Grades 10 -12 (UC, CSU)

Prerequisites: C or better in Biology and Chemistry; C or better in Geometry; C or better in Alg. 2 or concurrent enrollment

This is a laboratory and college preparatory science course for students interested in preparation for college. The course deals with the study of the physical laws of nature. It is concerned with motion, energy, heat, waves, sound, light, electricity, magnetism, and modern physics. The course is quantitative in nature, and therefore requires strong math skills.

Physiology Grades 11 - 12 (UC, CSU)

Prerequisites: C or better in Biology

This course is an advanced laboratory and college preparatory science course for students interested in biological science. It is recommended for students planning careers in pharmacy, dentistry, nursing, medicine, veterinary medicine, physical education, or other health-related fields. Animal dissection is may be a required part of the course.

Environmental Science (Advanced Placement) Grades 11 -12 (UC, CSU)

Prerequisites: C or better in Biology and C or better in Chemistry; C or better in Algebra 2 or concurrent enrollment

This is a rigorous, **year long, two period** lecture/lab course that will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems both natural and man-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving and/or preventing them. Students will be expected to take the advanced placement test in environmental science in May.

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SOCIAL SCIENCE

American Government Grade 12 (UC, CSU)

Prerequisites: None

This semester course, taken in conjunction with Economics, focuses on the organization and function of government at all three levels: national, state, and local. The role of the citizen in the process of government is stressed through a study of the American political party system. Throughout the course the individual is exposed to current issues and constitutional questions facing the American people. This course satisfies one semester of the UC or CSU “A” requirement.

Economics Grade 12 (UC, CSU)

Prerequisites: None

This semester course, taken in conjunction with American Government, is a survey course designed to introduce the student to the science of Economics in a practical way. The students will become familiar with the theories that drive an economic system and will have an opportunity to apply them in a practical way through the operation of a student company and several computer simulations. This course satisfies one semester of the UC or CSU “G” requirement.

United States History Grade 11 - 12 (UC, CSU)

Prerequisites: None

United State History is a course that includes a study of the geography of the United States concurrent with an overview of the growth of the United States from the Revolution to the late Nineteenth Century. This course emphasizes the forces that shaped the American character in the 19th, 20th, and 21st centuries. It is a study of peoples and the part they played in making this nation what it is today. It is also a study of the environment and how it influenced the development of the nation. The purpose is to lay the groundwork for the United States in the Twentieth Century. The bulk of the course is devoted to the impact of the industrial revolution on the United States and her rise to world prominence through the two world wars. Students will evaluate the changes in social thought during this century and how these changes have translated to political and economic movements. In the final analysis, the student will be exposed to the ever-growing demand for civil rights and the expansion of democracy in the United States . This course satisfies one year of the UC/CSU “A” requirement.

United States History (AP) Grade 11 (UC, CSU)

Prerequisites: Teacher recommendation

This course includes all the components of U.S. History, with a more extensive and intensive study of the development of America's political, economic and social institutions. Students will be expected to take the AP U.S. History test in May. This course satisfies one year of the UC/CSU "A" requirement.

World History Grade 10 - 12 (UC, CSU)

Prerequisites: None

World History is a course with two major themes, geography and history. In the area of geography, the student will study how the environment influences people and how, in turn, people alter environments. With this understanding, the student will review the recent history of various human cultures, the wars, the politics, the economic problems, and the various social relationships. The starting point will be Western Civilization; but the stress will be on understanding the growing global interdependence of nations. Modern day problems will be a major concern and will include a study of limited resources in a finite world and the impact this has on the growing demand for human rights and the expansion of democracy. This course satisfies one year of the UC "A" requirement and one year of the CSU "G" requirement.

ELECTIVE COURSES IN SOCIAL SCIENCE

World Geography Grade 9 -12

Prerequisites: None

This semester course places an emphasis on geographic skills, physical geography and cultural geography. Students will use a variety of materials including local street maps, road maps, atlases, globes, textbooks and computers. This course is in accordance with the California Social Science Framework list of recommended elective courses and will meet elective units for high school graduation.

Law and Society Grade 10 -12

Prerequisites: None

This one-semester elective course is designed to develop a preliminary understanding about our American Legal system. The course will emphasize the basic principles of law, the federal court system, procedural due process, voting rights, civil rights, labor rights, environmental protection and regulations of Stockton's securities. The course will also display how important Supreme Court decisions have influenced and shaped American society. Mock trials will be performed.

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Psychology Grade 10 -12

Prerequisites: None

This one-semester elective course is an introduction to the study of behavior. Students will be exposed to questions involving the normal and abnormal while studying the actions of human beings. The course will make the students aware of several schools of psychology: Freudian, Humanistic, Behavioral, and others. Students will gain an appreciation for the reasons humans behave as they do, and why it is difficult to predict how a person will react in a given situation.

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SPECIAL EDUCATION

Resource Specialist Program (RSP) Grades 9 - 12

Prerequisites: Determined by Individualized Education Plan (IEP) team

Students in this program may qualify for supplemental assistance in math, English, social studies, or science. This assistance may be in the regular education classroom or in a special education setting. Students must be in special education classes for less than 50% of the day.

Special Day Class (SDC) Grades 9 - 12

Prerequisites: Determined by Individualized Education Plan (IEP) team

This program is designed for students whose academic deficiencies extend over the majority of the academic curriculum. Students will be in special education classes for the majority of the school day. Students are provided the least restrictive environment possible as determined by the Individualized Education Plan (IEP) team.

Special Day Class/Low Functioning (SDC/LF) Grades 9 - 12

Prerequisites: Determined by Individualized Education Plan (IEP) team

This program is designed for students who have a severe academic or physical deficiency and are in need of a special education milieu for the majority of the school day. All students who qualify for this program are provided the least restrictive environment possible as determined by the Individualized Education Plan (IEP) team.

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SPECIALIZED CLASSES/PROGRAMS

Leadership Class Grades 10-12

Prerequisite: Teacher recommendation

This course is designed for the motivated student who holds a position of leadership or aspires to hold a leadership position. Important skills introduced in leadership will include, but not be limited to: running effective meetings, priority and goal setting, speaking/listening skills, fundraising, organization, and time management. It will also include actual hands-on experiences with student activities of many kinds; e.g., athletic events, rallies, assemblies, dances, banquets, and more. Extra curricular activities are a mandatory part of this class. Students will be required to attend after school functions. This class is offered during zero period.

Library Practice Grade 9 - 12

Prerequisite: Permission of Librarian and Counselor

This year long course offers instruction in the routines of library service and in the use of the library for educational and recreational purposes. This course will provide students with the opportunity to manage organizational tasks. Students must be conscientious and have good attendance.

Office Aide Grade 11 – 12

Prerequisite: Counselor Approval

There are numerous positions for juniors and seniors to assist teachers or other staff members. During any given semester a student may have only one student assistant class. Placements are made through the cooperative efforts of the students, teachers, and counselors. The following qualifications are mandatory for all assistants: good attendance, punctuality, dependability, and trustworthiness. Additional qualifications for specific assignments may apply. Grading is a "P" (pass with credits) or an "NP" (non-pass/with no credits).

Early Childhood Development Grade 10 - 12

Prerequisite: None; concurrent enrollment in Early Childhood Development Lab recommended

Students will learn how children develop emotionally, socially, intellectually and physically. The course will cover the characteristics of infants, toddlers, and preschoolers as well as the related safety, health and nutrition issues associated with children. Students will evaluate the preschool standards for literacy, math and science and teach to those standards while working with young children. Sex education, pregnancy and prenatal development will also be covered. In addition, students will study the problems of children and learn about careers working with children.

Early Childhood Development Lab Grade 10 - 12

Prerequisite: Early Childhood Development or concurrent enrollment

This is the hands-on extension to the early childhood development course. Students will care for young children as a teacher aide and apply the knowledge gained in the lecture class component. Students will do weekly activities with the children that include: literacy, cognitive learning, large and small motor development, dramatic play, creative arts, science, music, and computer skills. They will assist with meal times, tooth brushing, and naptime. Second year students will do weekly observations of assigned children in the above listed areas of developmental growth.

AVID (Advancement Via Individual Determination) Grades 9-12

AVID prepares students for eligibility for four-year colleges and universities. Students are selected based on recommendations, grades, test scores, courses, and attendance. Students will be provided with academic instruction from an AVID teacher and a group of college tutors. Motivational activities will include guest speakers and college tours. All 9th, 10th, and 11th grade AVID students are required to take the PSAT in October.

AVID 1 Grade 9 - 10

Prerequisite: Acceptance into the AVID Program AVID 1 covers note taking, time management, test preparation, and multi-paragraph organization.

Students learn to organize and maintain an AVID binder containing all course work. Students have the support of college tutors. AVID is a non-college preparatory elective; however, both the CSU and UC systems recommend it as a support to a student aspiring to attend a four-year university program.

AVID 2 Grade 10 - 11

Prerequisite: Enrollment in the AVID Program

AVID 2 is a continuation of AVID 1. In addition, students work in-depth on Cornell note taking. Emphasis is placed on college, careers, Socratic seminars, and preparation for the PSAT. AVID is a non college preparatory elective; however, both the CSU and UC systems recommend it as a support to a student aspiring to attend a four-year university program.

AVID 3 Grade 11 - 12

Prerequisite: Enrollment in the AVID Program

AVID 3 is a continuation of AVID 2. Students will take the PSAT in October and the SAT I and SAT II in the spring. All students will participate in college and career computer searches. The personal statement part of a university application will be completed. Practice in the completion of college and financial aid applications will be provided. AVID is a non-college preparatory elective; however, both the CSU and UC systems recommend it as a support to a student aspiring to attend a four-year university program.

AVID 4 Grade 12

Prerequisite: Enrollment in the AVID Program

Students will be involved in the AVID Senior Seminar with weekly timed writings and analytical discourses in subjects across the curriculum. Students will make oral presentations to the class on topics related to college entrance, contemporary issues and social concerns. Students will participate in and eventually act as moderators for Socratic Seminars. Skills learned and practiced in this class will help students to develop skills necessary for college and university work.

Army Junior ROTC (LET 1, LET 2, LET 3, and LET 4) Grades 9-12

The Yerba Buena High School Army Junior ROTC program prepares students to graduate and successfully participate in society. Completion of the JROTC program requires students to fulfill certain desired learning outcomes at each of the four levels. These desired learning outcomes are essential skills that are the most important educational targets in the program. The topics covered throughout the 4-year program include communication, leadership, physical fitness, first aid, drug abuse prevention, geography, history and government, career development, financial planning and technology. The JROTC program is designed to: (1) aid students throughout their JROTC experience by identifying leadership, citizenship, motivational, academic challenges and career opportunities; (2) enhance students' prospect of graduation from high school; and (3) provide students with a solid foundation that prepares them to succeed in all aspects of their lives. Cadets are under No obligation to join the military.

CONSTRUCTION AND THE BUILDING TRADES MAGNET PROGRAM

The Construction and Building Trades Program has been designed to provide a very special focus to the education of our students. The curriculum, designed in conjunction with the building trade unions, prepares students for both going into the trades or into college. Ties with local trade unions and trade schools as well as colleges offer students with internship opportunities, tutoring and tours. Industry partnerships provide students with opportunities for summer internships, industry tours, scholarships, and job shadowing activities. Graduates will be competitive applicants to apprenticeship programs, trade schools, and colleges. Students will become well-rounded and competent in the skills necessary to succeed in the construction industry at any level.

Magnet Curriculum

Grade 9

English
PE
Algebra 1
Int. Science 1
Elective (Fine Arts recommended)

Processes of Technology

Grade 10

English
World History
Math
Science
Foreign Language or PE

Construction Technology I

Grade 11

English
US History
Math
Science
Foreign Language or PE

Construction Technology II

Grade 12

English
Government/Economics
Math Analysis or higher
Science
Foreign Language or PE

Construction Technology III

PRE-ENGINEERING MAGNET PROGRAM

The Yerba Buena Magnet Program has been designed to provide a very special focus to the education of our students. The program highlights a strong academic core curriculum that effectively integrates the theoretic principals of science and mathematics with the practical applications of technology. In addition to offering a strong quality education in science, mathematics, and technology, the program provides college preparatory work in

the humanities, foreign language, English, and social science. Summer enrichment classes are offered targeting Magnet students.

Magnet Curriculum

Grade 9

English

PE

Algebra 1 or higher

Int. Science 1 or Biology

Elective

(Fine Arts or Foreign Language recommended)

*Processes of Technology

Grade 10

English

World History

Geometry or higher

Biology or Chemistry

Foreign Language or PE

*Engineering Graphics and Design

Grade 11

English

US History

Int. Math 1 or higher

Chemistry or Physics

Foreign Language or PE

*Electronics Concepts

Grade 12

English

Government/Economics

Math Analysis or higher

Science (Physics recommended)

Foreign Language or PE

*Senior Engineering Project

*For Magnet course descriptions, see the Industrial Technology section of this catalog.

CENTRAL COUNTY OCCUPATIONAL CENTER (CCOC)

CCOC offers vocational courses to high school juniors and seniors who wish to prepare for entry-level employment in conjunction with high school graduation. The program offers training opportunities to high school juniors and seniors in more than 33 specialty areas. Students divide their day between Yerba Buena and CCOC located near Hillsdale Avenue and Capitol Expressway.

Most CCOC courses require a proficient level of reading skill. Several courses require additional skills in the areas of math, computers, typing, art and/or writing. Other courses may require the purchase of materials, safety equipment and/or uniforms. Check with CCOC for further details on specific course requirements.

AUTOMOTIVE TECHNOLOGY AND MECHANICAL MAINTENANCE

Air Conditioning/Refrigeration/Heating - Students learn maintenance, overhaul, repair, and adjustment of heating, air-conditioning, and refrigeration units. This course leads to good employment opportunities.

Autobody Repair and Refinishing - Students learn to repair auto body damage, paint to new-car brilliance, and do body alignment and welding.

Brakes and Alignment - Students learn drum & disc brake service, 4-wheel alignment and balancing, and anti-lock systems.

Electrical Maintenance - This course teaches basic tune-up, fuel systems, electronic ignition and control systems, and repair and troubleshooting.

Engine Repair and Transmissions - This course teaches engine overhaul, precision measurement, and repairing, rebuilding, and maintenance of standard and automatic transmissions.

Truck Mechanics - Students learn repairing and servicing of the systems and components on vehicles and industrial equipment. A second year is available.

Tune Up and Electrical Systems - Students study basic engine tune-up, trouble shooting and the repair of fuel systems, electronic ignition and control systems.

BUSINESS INFORMATION SYSTEMS

Managerial Accounting - This course prepares students to process financial data for computerized accounting systems and to process data for financial offices.

Computer Administrative Assistant Program - This course teaches the latest technology: Microsoft Windows/Word/Excel/PowerPoint. It trains students for office positions such as: secretary, office manager, clerk typist, receptionist and other clerical positions.

Virtual Enterprise - Students will learn how to create, organize, staff and run a virtual business; they will also learn to use current business software.

Medical Office Careers - Students will learn medical terminology, medical receptionist duties, medical typing and transcription, insurance forms, office procedures, IBM PC, telephone techniques, and other skills necessary for job preparation.

Network Administrator - Using Novell's network administrator academic curriculum, students gain an understanding of general networking concepts. This course prepares students to take the Novell 4.1 NetWare Administrators test. Students must be computer literate to register.

Office Assistant - This fundamentals class teaches skills necessary for entry-level office occupations.

COMMUNICATION ARTS

Animation - This course is designed to prepare students for entry-level positions in the field of animation. Coursework will focus on learning the basics of figure drawing, traditional cell animation, 2D and 3D computer animation, lighting techniques, and portfolio development.

Graphic Design - Students learn layout and design, silk screening, color theory, lettering, airbrushing, computer graphics, and desktop publications.

Interior Design - This course teaches basics in design, color, materials, furniture and lighting, and scaled drawings. It provides hands-on activities in the lab and on-the-job training.

Multimedia - This course uses computers to bring together text, sounds, animation, graphic art and video to educate, inform, and entertain.

COMMUNITY SERVICES

Law Enforcement - This course is designed to prepare students for entry-level positions in the field of law enforcement. Students will study criminal behavior from pre-arrest through conviction and incarceration.

CONSTRUCTION TECHNOLOGY

Cabinetmaking - Students operate woodworking machines common to millwork. Other skills taught include cabinetmaking, finish carpentry, and display industry.

Carpentry - This course teaches students how to design and construct buildings, using carpentry tools and equipment.

COSMETOLOGY - Students in this course learn hairstyling, cutting, and coloring. To complete state requirements, students continue training after high school. Students provide their own transportation to beauty college.

ELECTRONIC TECHNOLOGY

Digital and Computer Maintenance Technician - Students prepare for entry-level work in digital electronics and computer and peripheral equipment maintenance. The course provides hands-on experience with troubleshooting equipment and techniques.

Engineering Technology/Electronics - Students learn basic electronic concepts, and troubleshooting techniques.

HEALTH SERVICES OCCUPATIONS

Dental Assisting - This course teaches chairside assisting, laboratory and X-ray procedures, radiation, and clinical experience.

Health Services Occupations - Students learn about a number of related health occupations in community hospitals or other health facilities, medical terminology, and communication skills. The second semester is spent working for credit at a health care facility.

Medical Assisting - This course teaches patient care, basic nursing procedures, and clinical training in a skilled nursing facility.

HOSPITALITY

Culinary Arts – Students will study a core curriculum of safety and sanitation, measuring, tool identification, recipe conversion, and kitchen preparation. A coop-work experience is a required part of this course.

INDUSTRIAL TECHNOLOGY

Computer Aided Drafting (CAD) - This course provides hands-on experience and teaches the latest computer drafting programs. Students use equipment for electrical, mechanical, civil, and architectural drafting. The prerequisite is one year of drafting. A second year is available.

Metals Technology - This course teaches basic machining theory and provides hands-on operation of a variety of machines, including computer-assisted machining.

Precision Machining - Students will receive instruction in hand tool use, layout, precision measurement, pedestal and surface grinding, and other machining techniques.

