

ABC UNIFIED SCHOOL DISTRICT

**WHITNEY  
HIGH SCHOOL**

**COURSE  
CATALOG**

**2004-2005**

Dear Students and Parents,

This Course Catalog is intended to be used with the:

- Whitney High School Student/Parent Handbook (located in the student organizer/calendar) and
- ABC Unified School District's Educational Planning Guide (pictured above).

Updated annually, these guides will help you to select the most appropriate classes in preparation for future educational, training, and employment goals.

These guides were distributed to your student at school during February or March. If you did not receive a copy or if you have questions, please call your student's Advisor at (562) 926-5566 extension 22300.

WHITNEY HIGH SCHOOL'S  
**Six-Year Academic Plan**

*This plan is designed to meet Whitney High School's goal that all students exceed the minimum University of California admission requirements and the ABCUSD Graduation Requirements. College admission requirements are best met by individualizing this plan. Students with diverse interests and abilities are selected by each college/university to create a well-rounded student body. Therefore, each student should choose courses, as well as co-curricular activities, that expand his/her:*

- Interest or passion for learning
- Growth through personal, social and academic challenge

<b>7th grade</b>	English 7 Honors Social Science 7 Honors Pre-Algebra Science/Health 7 Honors Foreign Language or Visual/Performing Arts Physical Education
<b>8th grade</b>	English 8 Honors Social Science 8 Honors Algebra I Science 8 Honors Foreign Language or Visual/Performing Arts Physical Education
<b>9th grade</b>	English I Honors World History/Geography Honors or World History/MUN Honors Geometry Biology CP or Biology Honors Foreign Language Physical Education Visual/Performing Arts
<b>Summer Session</b>	Enrichment classes
<b>10th grade</b>	English II Honors Political and Cultural World Geography Honors or AP European History or AP Human Geography Algebra II or Algebra II/Trig. Honors Chemistry CP, Chemistry Honors, or Physics CP Foreign Language Physical Education Visual/Performing Arts
<b>11th grade</b>	English III Semester Courses or AP English Language or AP English Literature U. S. History Honors or AP U. S. History Trig./Math/Analysis, Math Analysis/CalcA Honors AP Calc AB or Intro to Calc Physics, Marine Biology, or Chemistry of Living Systems Honors or Advanced Topics in Biology Foreign Language Visual/Performing Arts, Elective, or College Class
<b>12th grade</b>	English IV Semester Courses or AP English Literature or AP English Lang. Civics Honors/Economics Honors AP Calculus AB, AP Calculus BC, or AP Statistics Physics, AP Physics, Chemistry of Living Systems Honors AP Biology, Marine Biology, or Advanced Topics in Biology Foreign Language or Elective Visual/Performing Arts, Elective, or College Class

# Graduation Requirements

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A minimum of 220 semester course credits must be earned in grades 9-12 as follows:

**English: 40 credits (8 semesters)**

Grade 9	English I	10 credits
Grade 10	English II	10 credits
Grade 11 12	AP Literature or AP Language or English Honors Semester Courses	10 credits 10 credits

**Social Science: 30 credits (6 semesters)**

Grade 9	World History/Geography	10 credits
Grade 11	US History	10 credits
Grade 12	Civics/Economics	5/5 credits

**St. Reg. / Dr. Ed.: 5 credits**

**Health: 5 credits**

**Physical Education: 20 credits (4 semesters)**

Grade 9	Physical Education course	10 credits
Grade 10	Physical Education course	10 credits

**Mathematics: 20 credits (4 semesters)**

Algebra (One Year)	10 credits
Geometry (One Year)	10 credits

**Science: 20 credits (4 semesters)**

One Year	Life Science	10 credits
One Year	Physical Science	10 credits

**Foreign Language or Fine Arts: 10 credits (2 semesters)**

One Year	10 credits
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**Electives: 70 credits (14 semesters)**

Seven one year classes based on students' interests	70 credits
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# University of California Admission Requirements

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The subject requirements described below represent the *minimum academic standards* students must attain to be eligible for admission to the University of California system. ***Meeting the minimum eligibility requirements does not guarantee admission.*** Admission to the campus and program of choice often requires students to meet more demanding standards. [For the most up-to-date UC information go to [www.ucop.edu/pathways](http://www.ucop.edu/pathways)]

## Subject Requirements (“A-G” Requirements)

15 units of high school and UC transferable courses fulfill the minimum Subject Requirements. At least 7 of the 15 units must be taken in the last two years of high school.

(1 unit = 1 academic year = 2 semesters)

To be accepted by the University, these courses must appear on the official University of California Certified Course List of the school the student attended.

### a. History/Social Science: 2 years required

Two years of history/social science, including one year of *U.S. History or one-half year of U.S. History* and one-half year of *Civics or American Government*; and one year of *World History, Cultures, and Geography*.

### b. English: 4 years required

Four years of college preparatory *English composition and literature*.

### c. Mathematics: 3 years required, 4 recommended

Three years of college preparatory mathematics that include the topics in *elementary and advanced algebra* and *two- and three-dimensional geometry*.

### d. Laboratory Science: 2 years required, 3 recommended

Two years of laboratory science providing fundamental knowledge in at least two of these three disciplines *biology (which includes anatomy, physiology, marine biology, etc.)*, *chemistry*, and *physics*.

### e. Languages other than English: 2 years required, 3 recommended

Minimum of two years of the same language sequentially (example: Spanish II, Spanish III)

### f. Visual and Performing Art: 1 year required

One year of *dance, drama/theatre, music, or visual arts*.

### g. College Preparatory Elective Courses: 1 year required

One year, in addition to those required in “a-f” above, chosen from the following areas: *visual and performing arts, history/social science, English, advanced mathematics, laboratory science, and languages other than English*.

\* Courses in mathematics and languages other than English completed in the seventh and eighth grades with grades of at least “C” may be counted toward the Subject Requirement.

# 2003-2004 University of California Certified Course List for Whitney High School

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- ✓ Underlined courses receive extra honors credit (one extra grade point for of “C” or better) in grades 10-12.
- ✓ Students may only earn up to 8 semesters (4 classes) of extra honors credits in grades 10-12.
- ✓ Students must earn a grade of “C” *or better* in the courses below in order to meet UC Subject Requirements.

## a. HISTORY/SOCIAL SCIENCE

World History/Geography (H), World History/MUN (H)  
Political and Cultural World Geography (H), Human Geography AP, Civics H  
European History AP, U.S. History/Geography (H), U.S. History/Geography AP

## b. ENGLISH

English I (H), English II (H)  
English AP Language or Literature, Semester English Courses: The Short Story: A World Perspective, Ethnic Experience in Literature, Study of Poetry, Study of Shakespeare, Study of Dramatic Literature, 20th Century American Writers

## c. MATHEMATICS (*courses with a “\*” may only be used for the “c” requirement*)

Algebra I\*, Geometry\*  
Algebra II\*, Algebra II/Trig (H)  
Intro Cal/Statistics, Math Analysis/Calc A Honors, Trig/Math Analysis  
Calculus Honors, Calculus BC AP, Statistics AP

## d. LABORATORY SCIENCE

Biology CP, Biology (H), Biology AP, Marine Biology, Advanced Topics in Biology  
Chemistry CP, Chemistry (H), Chemistry of Living Systems (H),  
Physics CP, Physics (H), Physics AP

## e. FOREIGN LANGUAGE

Spanish I (H), Spanish II (H), Spanish III (H), Spanish IV (H), Spanish Language AP,  
Spanish Literature AP  
French I (H), French II (H), French III (H), French IV (H), French Language AP, French V Honors,  
French Literature AP, Level VI Honors, French VI H  
Japanese I (H), Japanese II (H), Japanese III (H), Japanese IV (H), Japanese V (H), Japanese VI (H)  
Korean I (H), Korean II (H)

## f. VISUAL and PERFORMING ARTS

Jazz Band, Advanced Band, String Orchestra  
Theater Lab, Theater Lab II, Theatre Lab III  
Beginning, Intermediate, Advanced, and Applied 2-Dimensional Art  
Beginning, Intermediate, Advanced, and Applied 3-Dimensional Art  
Ceramics I, Ceramics II, Ceramics III, Ceramic IV  
Special Studies: Advanced Art  
Contemporary Media  
Chorus

## g. ELECTIVE COURSES (all courses listed above plus the following)

Journalism I, Journalism II, Journalism III  
Computer Science C++  
Economics (H)  
Creative Writing

# Course Selection Process

**March 29 - March 30**

Receive your Course Selection Materials from your Grade Level Advisor except for 8th graders

**April 5 - 8**

Course Selection Workshop with your Grade Level Advisor

**April 21**

Deadline for your Course Selection Card

## CHANGING COURSE SELECTIONS

After April 21st, changes will possibly be made if:

Too few students sign up for a course	You will be placed in your alternate.
You qualify for Journalism, Pep, Leadership, Colorguard, or Yearbook.	Your instructor will let your Advisor know who has qualified and will make the change.
June grades show that you now meet a pre-requisite.	Your Advisor will use your "Conditional Course Request" and make the change
June grades show that you no longer meet a pre-requisite.	You will be placed in your alternative.
A summer college course qualifies you for a different Whitney course.	Give your Advisor a "Course Request Form" and official, sealed transcript.

**June**

Receive your preliminary list of selected courses. Make final changes.

**Mid - August**

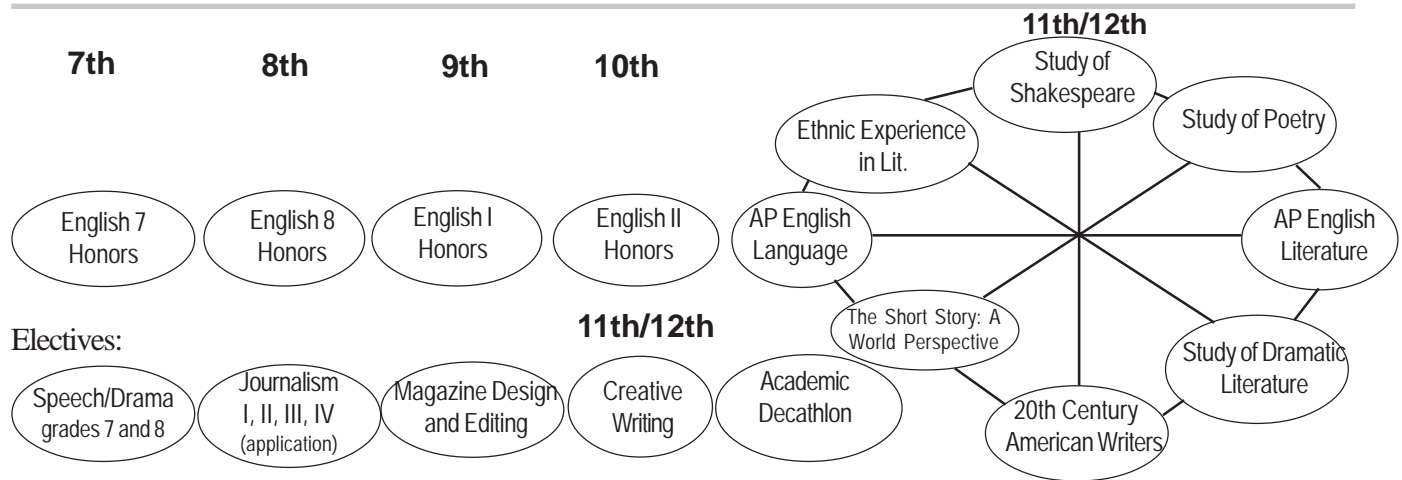
Your Advisor will notify you if a scheduling problem occurs.

**September Pick-Up Day**

Receive your Official Schedule. Your Student Advisor is available to correct any scheduling problems.

- Students must meet course pre-requisites.
- Students may repeat courses only if there is room, after first-time requests are filled
- In order to **balance classes**, involuntary period (schedule) changes may occur until October 15. Matching students to the courses they need is our highest priority. The order of classes in a schedule is not guaranteed.
- **Classes dropped after the 15th day of each SEMESTER** will earn a "Withdraw F", which will be computed into the student's grade point average.
- **Enrollment into new classes must be made by the 15th day of each SEMESTER**; except for extremely extenuating circumstances approved by an administrator or grade level advisor.
- Changes in classes to accommodate a student's preference of a teacher will not be made. A conference with the current teacher, the student, and the parents will be scheduled to attempt to resolve concerns.
- **Changes in the level of a class** (e.g. AP to Honors, CP to Honors) may be requested. Changes will be made only with the approval of the Department Chairperson and parent and only if space is available. A review of previous grades, test performance, and effort will be considered.

# English



## English 7 Honors

1376

*One Year*

(7)

Students begin to distinguish between English as a formal, written language and a casual, conversational language. District mandated writing types (such as autobiographical incident, problem solution, etc.) are taught. A report of information/research essay is required. Students read and analyze classic and modern literature. Grammar instruction is based on diagnosed student needs and the district's specified grammatical sequence.

Novels are analyzed from a literary and historical perspective. Grammar instruction is based on diagnosed student needs.

## English 8 Honors

1386

*One Year*

(8)

The analytical expository essay is reinforced. Writing types include First-Hand Biographical Sketch, Observational, Interpretation, Speculation, and Evaluation. Essays are based on literature and personal experience. One research paper is required. Students study literature thematically. Oral communication skills are developed through formal presentations and group discussions. Grammar instruction is based on diagnosed student needs.

## 20th Century American Writers

1122

1132

*One Semester*

(11,12)

One-semester study of culturally significant literature of the 20th century. Special emphasis will be placed on those pieces that caused controversy during their time or captured the emotional temperature of the day. Novels, short stories, plays, and poetry of major writers will be studied.

## English I Honors

1013

*One Year*

(9)

Students develop their expertise in writing extended essays with specific detail and sufficient elaboration. One research paper is required. Portfolio assessment is an integral part of the curriculum. Students study American literature chronologically and apply literary concepts.

## The Short Story:

### A World Perspective

1129

1139

*One Semester*

(11,12)

Critical analysis of the structure, context and content of the short story form with respect to diverse time periods, nations and cultures. Also includes theories of fiction and consideration of social and political issues reflected in the works.

## English II Honors

1023

*One Year*

(10)

Students write with increasing analytical and philosophical depth. They demonstrate the ability to determine the appropriate structure, style, and need to address a variety of writing purposes and audiences. One research paper is required. Students critically analyze World & British Literature.

## Ethnic Experience in Literature

1124

1134

*One Semester*

(11,12)

One semester study of the literature of American ethnic minorities focusing on the issues of family/community while examining the characters, symbols, plots, and conflicts present. Novels, short stories, plays, and poetry will be included. Special emphasis will be given to the study of common themes that cross cultural lines.



## ENGLISH

### **Experiencing Poetry** 1125

1135

*One Semester* (11,12)

The long-awaited return of the class that will help you on your AP exams and on the SAT II's. We will approach the analysis of poetry, through the integration of style, type, and literary devices. Content ranges from the traditional to the experimental and the contemporary.

### **Unknown Shakespeare** 1126

1136

*One Semester* (11,12)

Special attention will be given to how Shakespeare's themes and characters reveal our complex nature and portray the dynamic inner and outer worlds that define the human condition. Concentration will be on the analysis of several of Shakespeare's lesser studied plays and sonnets as well as one longer poem. By the end of the semester, you will know more about Shakespeare and much more about yourself.

### **Study of Dramatic Literature** 1128

1138

*One Semester* (11,12)

Critical analysis of various types and styles of plays with respect to form, meaning, and theatricality encompassing diverse time periods and cultures. Also includes dramatic theories and consideration of political issues reflected in the plays. It's also fun!

### **Creative Writing and the Study of Fiction** (Elective) Cannot be taken to fulfill 8 semesters of UC approved English.

1127

1137

*One Semester* (11,12)

One semester intensive course to introducing High school students to writing through the study of fiction. Students will write short stories, read the work of their classmates, as well as published fiction. Special emphasis will be given to understanding (narrative straight response and revision). The exercises provided and the published works read (which will include pieces by authors such as Hemingway, Steinbeck, Joyce and Updike) will illustrate basic narrative development.

### **AP English Language** 1034

*One Year* (11, 12)

PREREQUISITE: "B" or better in both semesters of English the previous year.

This course prepares students for successful performance

on the AP Language and Composition exam through language analysis and the application of effective writing and critical reading skills. In addition, the course includes a study of American literary classics and vocabulary building. Students learn how to write essays for college applications and the Subject A college placement exams. A research paper is required.

### **AP English Literature** 1044

*One Year* (11, 12)

PREREQUISITE: "B" or better in both semesters of English the previous year.

This course prepares qualified students to succeed on the Advanced Placement English Literature and composition Exam. The focus of the course is four-fold:

- 1) development of sophisticated skills in poetic analysis;
- 2) acquisition of the skills of literary criticism;
- 3) knowledge of AP test-taking skills; and
- 4) refinement of writing skills

A research paper is required. Students learn how to write essays for college applications and UC Subject A college placement exams. Portfolio assessment is part of the curriculum.

### **Speech/Drama** 1264

*One Semester Each* (7, 8)

**Speech** develops students' ability to verbally communicate their thoughts and feelings effectively and understandably. Students learn to speak comfortably in front of groups through the use of prepared and impromptu speeches of personal experience, opinion, information and persuasion. Class activities include recording and video-taping student work, interpreting prose and poetry, outlining and researching topics, and debating the standard educational debate format. **Drama** develops basic performance skills through the use of scene study and improvisation. A general understanding and appreciation of all aspects of theater is taught through observation and analysis of live and taped reproductions. Grades are based on class participation, performance, and written work.

### **Journalism I** 1601

*One Year* (7, 8, 9, 10, 11, 12)

PREREQUISITE: Application, writing sample, and interview.

This course focuses on the writing of news, editorials, features, and sports stories in newspaper style. It also covers interviewing, editing, writing headlines, and designing page layouts as well as a study of the business and technical aspects of newspaper production. Because the work in this class is directly related to the Whitney School newspaper, the editorial staff of ASPECTS should enroll.

**Journalism II** **1617**  
*One Year* (8, 9, 10, 11, 12)  
 PREREQUISITE: Journalism I, an application, writing sample, and interview.

**Journalism III** **1618**  
*One Year* (9, 10, 11, 12)  
 PREREQUISITE: Journalism II, an application, writing sample, and interview.

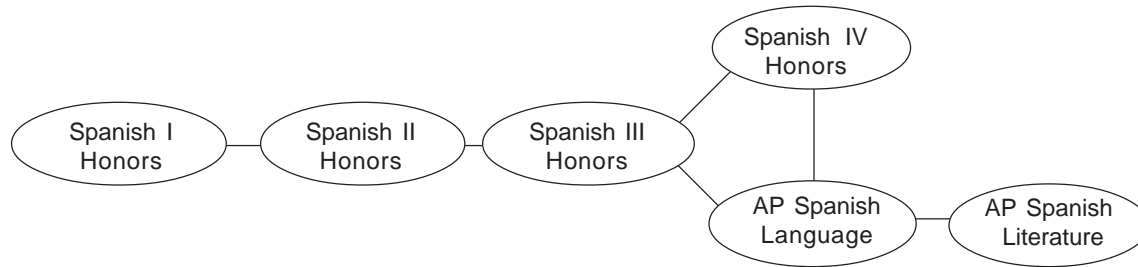
**Journalism IV** **1619**  
*One Year* (10, 11, 12)  
 PREREQUISITE: Journalism III, application, writing sample, and interview.  
 This course provides continued advanced study of journalism, and business/production. It includes a study of and practice in layout design, graphic art, copy writing, methods of printing, covers and binding, financing, photography, commercial art, advertising, and editing. It is recommended for those interested in a future in journalism, advertising, and commercial art. The yearbook staff should enroll.

**Magazine Design and Editing** **1108**  
*One Year* (10, 11, 12)  
 PREREQUISITE: Written application, performance test, and an interview. This course serves as a foundation for students desiring to participate in the production of the school annual/magazine. It includes a study of and practice in layout design, graphic art, copy writing, methods of printing, covers and binding, financing, photography, commercial art, advertising, and editing. It is recommended for those interested in a future in journalism, advertising, and commercial art. The yearbook staff should enroll.

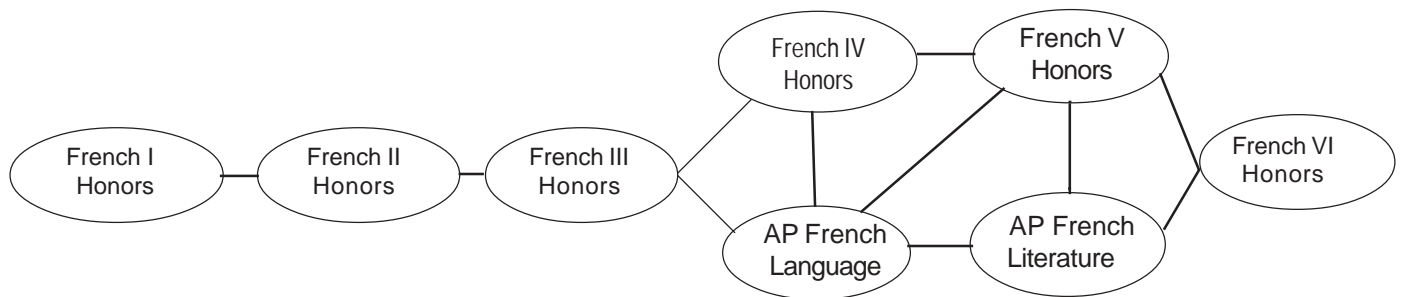
**English Academic Decathlon** **5073**  
*One Semester (Fall)* (10, 11, 12)  
 Independent Study Academic Decathlon is a class designed to support the preparation of team members for competition. Academic Decathlon is a nationwide competition that challenges students to work individually and as a team to master ten specific academic areas of study. The local competition is in late January or early February with state competitions in March and nationals in April. Colleges recognize participation in Academic Decathlon as a commitment to academic excellence.

# Foreign Language

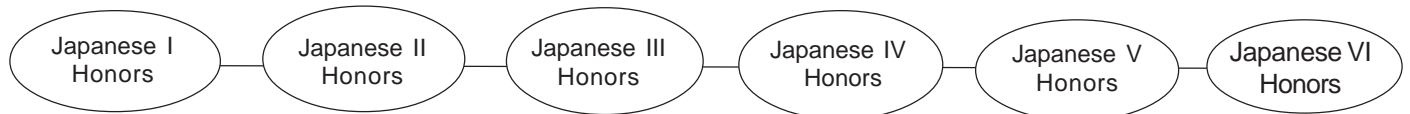
## SPANISH



## FRENCH



## JAPANESE



### Level I Honors

<i>One Year</i>	(8, 9, 10, 11, 12)
French*	2065
Korean	2037
Japanese*	2079
Spanish	2100

*\*Offered to 7th graders also (priority given to 8th-11th graders and to those students who will be able to complete at least two years of the same language)*

PREREQUISITE: "C" or better in Honors English or instructor approval.

This course is designed to cover basic vocabulary and grammar in the target language while incorporating cultural awareness. The fundamentals of listening, speaking, reading, and writing are studied.

### Level II Honors

<i>One Year</i>	(9, 10, 11, 12)
French*	2058
Korean	2036
Japanese*	2076
Spanish	2106

*\*Offered to 8th graders also*

PREREQUISITE: "B" or better in Level I Honors or BOTH instructor and grade level advisor approval.

This course is designed to continue the study of vocabulary, grammar, and culture. The skills of listening, speaking, reading, and writing are expanded. In Japanese, *kanji* is introduced.

## FOREIGN LANGUAGES

### Level III Honors

*One Year* (10, 11, 12)

**French\*** 2059

**Japanese\*** 2077

**Spanish** 2107

**\*Offered to 9th graders also**

PREREQUISITE: "B" or better in Level II Honors or BOTH instructor and grade level advisor approval.

This course is designed to improve proficiency in listening, speaking, reading, and writing. Cultural awareness increases as students expand their knowledge of appropriate cultural behaviors. Advanced vocabulary and grammatical structures are introduced at this level. In Japanese, the study of *kanji* is continued. This course is conducted in the target language.

### Level IV Honors

*One Year* (11, 12)

**French\*** 2066

**Japanese\*** 2080

**Spanish** 2094

**\*Offered to 10th graders also**

PREREQUISITE: "B" or better in Level III Honors or BOTH instructor and grade level advisor approval.

This course is designed to increase proficiency in listening, speaking, reading, and writing while exploring contemporary issues, fine arts, and literature. In Japanese, the study of *kanji* is continued. This course is conducted in the target language.

### Level IV Advanced Placement

*One Year* (11, 12)

**French Language\*** 2055

**Spanish Language** 2105

**\*Offered to 10th graders also**

PREREQUISITE: "A" in Level III Honors or Level IV Honors or BOTH instructor and grade level advisor approval. This course is designed to prepare the students for the Advanced Placement Examination in French or Spanish Language. Extensive practice is provided in listening, speaking, reading and writing. Advanced grammatical structures are covered and idiomatic expressions are incorporated. This course is conducted in the target language.

### Level V Honors

*One Year* (11, 12)

**French** 2050

**Japanese** 2190

PREREQUISITE: "B" or better in Level IV Honors or Level IV AP French Language or BOTH instructor and grade level advisor approval. This course is designed to further expand language proficiency through an in-depth study of complex grammatical structures and (in Japanese) orthography. Students read novels and demonstrate

a comprehensive understanding as evidenced by one written report per quarter. This course is conducted in the target language.

### Level V Advanced Placement

*One Year* (11, 12)

**French Literature** 2061

PREREQUISITE: "A" in Level IV AP French Language or Level V Honors AND instructor approval.

This is an independent study course that focuses on interpretation and analysis of French literature. A thorough review of French grammar is also included. While completing the recommended course work, the students prepare themselves for the Advanced Placement Examination in French Literature.

### Level V Advanced Placement

*One Year* (12)

**Spanish Literature** 2108

PREREQUISITE: "A" in Level IV AP Spanish Language or BOTH instructor and grade level advisor approval.

This course focuses on interpretation and analysis of Hispanic literature. The cultural aspects of the Hispanic countries represented in the readings are also introduced. This course is conducted in Spanish and helps prepare the students for the Advanced Placement Examination in Spanish Literature.

### Level VI Honors

*One Year* (12)

**French VI H** 2123

**Japanese VI H** 2127

PREREQUISITE: "B" or better in Level V Honors or Level V AP French Literature or BOTH instructor and grade level advisor approval.

This course is a continuation of Level V Honors in which language proficiency is further expanded. The introduction to literature continues at this level. This course is conducted in the target language.

### Additional Foreign Languages

(8, 9, 10, 11, 12)

PREREQUISITE: Prior approval by grade level advisor.

(Form is available in the Guidance Office)

The following schools are District approved:

Cerritos Korean School

Chinese Cultural Association of Southern California

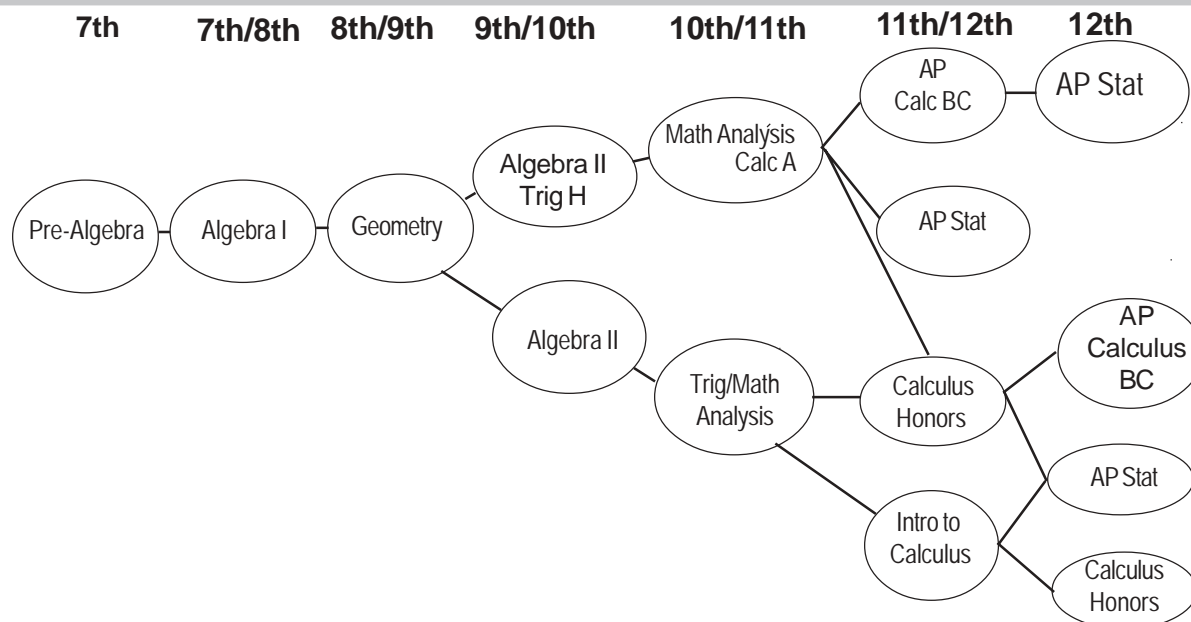
Korean Institute of Southern California

Love Church School

Japanese Language School Unified System

Upon completion of the course, the private instruction credit form and a transcript must be submitted to your Advisor so that the credit and grade can be recorded on the high school transcript.

# Mathematics



*Make-up Policy: If a student has not met the pre-requisite for the next math class, he or she may take a make-up class at a community college or another public high school or repeat the course at Whitney (Colleges require Guidance Advisor approval.) The grade earned in the make-up class must meet the pre-requisite required for the next class.*

## **Pre-Algebra** **4983** *One Year* *(7, 8)*

This course covers the properties and operations of real numbers including ratio, proportions, and percentages. Students become adept at manipulating numbers and equations. They use algebraic symbols to problem solve. Geometric concepts include area, volume and the Pythagorean Theorem. Students work with linear functions and slope and are introduced to quadratic functions. *A TI 30 calculator is required. A TI 83 or TI 83 plus is recommended.*

## **Algebra I** **4502** *One Year* *(7, 8, 9, 10)*

PREREQUISITE: Current 7th grade students must have a “B” or better in Pre-Algebra for both semesters. Algebra I introduces students to topics in the real number system including pertinent properties, relations, polynomials, inequalities, quadratic equations with real roots, rational and irrational numbers. Functions and exponents are also taught. Students use a graphing calculator for this course. *A TI-30 calculator is required. A TI-83 or a TI-83 plus is recommended.*

## **Geometry** **4515** *One Year* *(8, 9, 10, 11)*

PREREQUISITE: “C” or better in Algebra I for current 9th-11th grade students; “B” or better in Algebra I for current 8th grade students. Geometry is the study of the relationship between points,

lines and planes. These relationships, developed through axioms and theorems, are studied using both deductive and inductive reasoning. Reflections, three-dimensional figures, and similarity are explained. Various forms of proof and the rules of inference are explored in depth.

## **Algebra II** **4504** *One Year* *(9,10,11,12)*

PREREQUISITE: “C” or better in both Algebra I and Geometry. This course reviews and deepens students’ understanding of Algebra I. Topics include a review of Algebra I concepts, functions, use of the graphing calculator, exponents, logarithms, conic sections, sequences and series and complex numbers. *A TI-83 or a TI-83 plus calculator is required.*

## **Algebra II/Trig Honors** **4500** *One Year* *(9, 10, 11, 12)*

PREREQUISITE: “A” or “B” in Algebra I and Geometry. This is a faster paced course than Algebra II, designed for the student who will take AP Calc BC in high school. Algebra II extends the study of the real and complex number systems begun in Algebra I. Rational and irrational numbers, relations and functions, quadratic relationships, matrices, determinants, and probability are explored. Polynomial, exponential and circular functions and their graphs are also introduced. Sequences, series logarithms, limits and trigonometry are covered. *A TI-83 or a TI-83 Plus calculator is required.*

## Trigonometry/Math Analysis 4530

*One Year (10,11,12)*

PREREQUISITE: “C” or better in Algebra II or Algebra II/Trig H.

This course introduces students to analytical solutions and graphical analysis of functions and their behaviors. Polynomial, rational, and trigonometric functions are emphasized in addition to exponential and logarithmic functions. Other topics include trig identities and equations, law of sines and cosines, matrices, polar coordinates, conic sections, and basic sequences and series. *A TI-83 or a TI-83 plus calculator is required.*

## Introduction to Calculus 4499

*One Year (11, 12)*

PREREQUISITE: “C” or better in Trig/MA.

This an introduction to calculus, covering functions, limits, the limit definition of the derivative, techniques of differentiation, and pertinent, real world applications. During the second semester students will explore descriptive statistics, the design of experiments, sampling theory and rudimentary probability. After successfully completing both semesters, students will be prepared to take Calculus Honors and/or AP Statistics. *A TI-83 or a TI-83 plus calculator is required.*

## Math Analysis/Calc A Honors 4519

*One Year (10, 11, 12)*

PREREQUISITE: “B” or better in Algebra II/Trigonometry Honors.

This course emphasizes the study of functions and their graphs such as polynomial, rational exponential, logarithmic and circular functions. The combination of the analytical knowledge and the use of graphing calculators helps in analyzing functions graphically, exploring their behavior in greater depth and verifying the solution of equations. Conic sections, polar coordinates, complex numbers and vectors are also covered. This course is designed to prepare students for AP Calculus BC so students will study Calculus A including limits, continuity, the derivative and applications of the derivative.

*A TI-83 or a TI-83 plus graphing calculator is required.*

## Calculus Honors (Prev. Calc AB) 4532

*One Year (11, 12)*

PREREQUISITE: “A” in Trig/Math Analysis or “C” or better in Math Analysis/Calc A Honors.

Calculus H is a course of study in differential and integral calculus. Topics studied include limits, continuity, the derivative, applications of the derivative, the integral, integration methods and applications of the integral.

Students experience both the theoretical tools of calculus and their applications. *A TI-83 or a TI-83 plus graphing calculator is required.*

## AP Calculus BC 4508

*One Year*

PREREQUISITE: “A” in Math Analysis/Calc A or “B” or better in Calculus Honors and pass placement exam.

This course focuses on differential and integral calculus of a single variable. It is comparable in content and emphasis to a first year in calculus for scientifically oriented freshmen at the university level. In addition to topics covered in Calculus Honors, infinite series, differential equations, vector calculus and Taylor polynomials are covered. Students prepare to take the AP Calculus BC exam. Some outside class hours are required. *A TI-83 or a TI-83 Plus graphing calculator is required.*

## AP Statistics 4592

*One Year (9,10,11,12)*

PREREQUISITE: “C” or better in Math/Calc A or “B” or better in Intro/Calculus or Calculus Honors.

This is a college level course, requiring a strong background in Algebra and set theory. It is designed to introduce students to the basic concepts, principles and methods of mathematical statistics and its applications. The following major areas are thoroughly covered; descriptive statistics, probability theory and statistical inference. *A TI-83 or a TI-83 plus graphing calculator is required.*

## Computer Science C++ 4522

*One Year (8, 9, 10, 11, 12)*

PREREQUISITE: Current enrollment in Algebra I or a higher math level.

The course emphasizes how computers deal with internal components, logic, documentation and other aspects of computer science. Students learn how to design and implement computer-based solutions to problems in several appropriate algorithms and data structures to solve problems fluently in a well-structured fashion.

# Physical Education

7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
P.E. Requirement	P.E. Requirement	P.E. Requirement	P.E. Requirement*	OPTIONAL	
		P.E. Athletics*	P.E. Athletics*	OPTIONAL	
		Aux. Units/Pep* (auditions)	Aux. Units/Pep* (auditions)	OPTIONAL	
		Aux. Units/Drill* (auditions)	Aux. Units/Drill* (auditions)	OPTIONAL	
		Advanced Band (1 sem. PE credit)	Advanced Band (1 sem. PE credit)	Advanced Band (1 sem. PE credit)	Advanced Band (1 sem. PE credit)

\* 9-12th graders may choose a credit (passing)/no credit(not passing) grade instead of a letter grade for these physical education classes. This must be declared at the beginning of each semester.

## P.E. Requirement

**6090**

*One Year*

(7, 8, 9, 10, 11, 12)

This course introduces students to various team and individual sports. Coed team sports include volleyball, softball, basketball, football, badminton, and track and field. Participation, physical fitness and sportsmanship are stressed. The course also includes lectures, projects, exams, and readings from various educational sources.

## Auxiliary Units/Color Guard/P.E.

**6014**

*One Year*

(9, 10, 11, 12)

PREREQUISITE: Auditions

Tryouts are held in the spring. The Color Guard team performs at parades and numerous school events. Many extra hours of practice are required. Students must attend 1st period as needed. A fair share donation is requested to offset the cost of materials for this class

## Auxiliary Units/Pep/P.E.

**6002**

*One Year*

(9, 10, 11, 12)

PREREQUISITE: Auditions

This class includes a Junior Varsity Squad and Varsity pep Squad. These units perform at all pep rallies and home games. They also compete against other high schools in local song and cheer competitions. Many extra hours of practice are required. Tryouts are held in the spring.

## P.E. Athletics

**6050**

*One Year*

(9, 10, 11, 12)

PREREQUISITE: Approval of Athletic Directors and a quarter GPA of 2.50 or better.

This course is exclusively for student athletes who participate on Whitney High School sports teams. Teams compete with other high schools. Some games will involve travel to other high schools. A fair share donation is requested to offset the cost of equipment.

## Seasonal Sports:

**FALL:** water polo, girls' volleyball, girls' tennis, boys' and girls' cross country.

**WINTER:** boys' and girls' basketball, boys' and girls' soccer.

**SPRING:** boys' baseball, girls' softball, boys' tennis, swimming, coed track, golf, track and field, boys' volleyball.

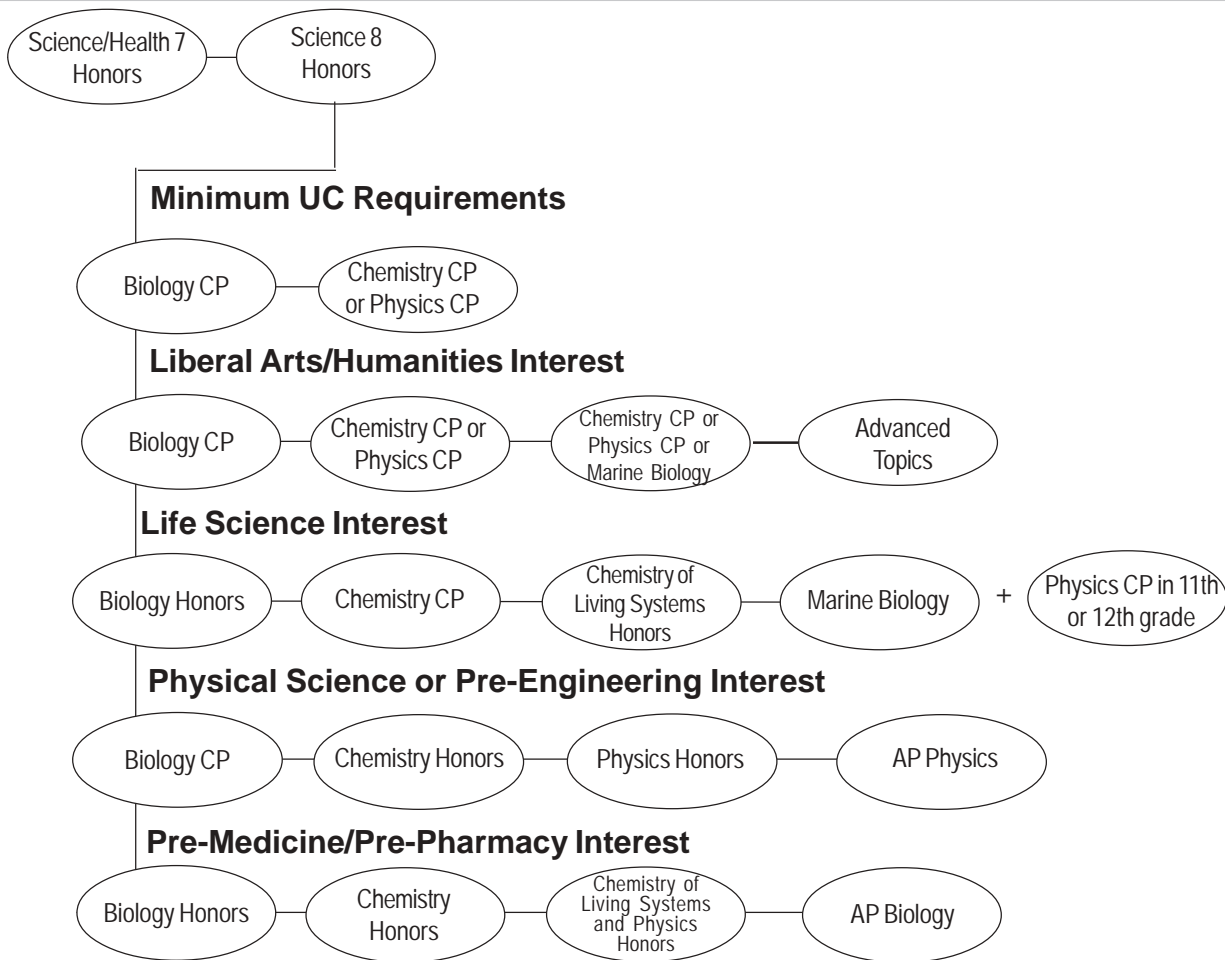
All students in ALL sports must be enrolled in PE Athletics or have a free, unscheduled 7th period. *Student athletes must purchase an ASB card and have athletic physical, insurance and emergency cards in by June 30.*

## P.E. Free 7th Period

**0028**

(11, 12)

# Science



## Science/Health 7 Honors

*One Year*

This course focuses on life science, and includes health, earth science, and physical science. Life Science focuses on how living things are classified based on their characteristics (including cells), how living things have evolved through time, and how living things interact with their environment (ecosystems). In comprehensive Health education, students learn that good health habits can improve the way they look, perform in school and sports, interact with others and how they feel about themselves. Self esteem and family relationships are also emphasized.

**7879**

(7)

## Science 8 Honors

*One Year*

This course introduces chemistry and physics. Chemistry focuses on properties of matter, structure of matter (atoms and molecules), various chemical reactions, and organic chemistry. Physics focuses on force, motion (Newton's three laws), pressure, and energy.

**7889**

(8)

## Biology CP

*One Year*

**7620**  
(9, 10, 11, 12)  
PREREQUISITE: Concurrent enrollment in Algebra I or higher. This one year laboratory science course is devoted to the study of living systems. It also covers the study of relationships among organisms and the interaction of organisms and their environment. Specific topics include the scientific method of inquiry, cell structure and function, cell chemistry, genetics, reproduction and development, evolution, comparative anatomy, and ecology.

## Biology Honors

*One Year*

**7621**  
(9, 10, 11, 12)  
PREREQUISITE: "B" or better in Algebra I and an "A" in BOTH semesters of 8th grade science. This course is a *rigorous and challenging* course designed to establish a firm foundation in biological concepts for students intending to pursue higher level science courses. Topics include the chemistry of life, cells, heredity, molecular genetics, evolutionary biology, diversity of organisms, human physiology, and ecology. This is a fast-paced course that requires self-discipline and responsibility on the part of the student. Students are expected to demonstrate critical thinking skills and higher levels of understanding. A research paper is required. Students read at least two literary works.



**Chemistry CP 7630***One Year (10, 11, 12)*

PREREQUISITE: "C" or better both semesters of Algebra I. This is a laboratory-based, science course designed to introduce students to the nature of matter. In addition to learning the language and tools of Chemistry, students explore chemistry in the air, water as the universal solvent, and various chemical reactions. Both qualitative and quantitative problem solving are emphasized.

**Chemistry Honors 7631***One Year (10, 11, 12)*

PREREQUISITE: Concurrent enrollment in Algebra II/Trig Honors or higher.

A significant degree of independence is required for students to be successful in this class. This is an *accelerated* laboratory-based science course designed specifically for students who are ready for a challenging and rigorous study of chemistry. This course covers the language and tools of chemistry, modern atomic theory, periodic trends, bonding and structure, the behavior of gases, thermochemistry, reaction rates, nuclear chemistry, as well as acid/base and solution equilibria. Quantitative problem solving is continually emphasized. In June, students are encouraged to take the SAT II: Chemistry Subject exam.

**Chemistry Of Living Systems Honors 7635***One Year (11, 12)*

PREREQUISITE: (1) "B" or better in Biology Honors or an "A" in Biology CP and (2) a "B" or better in Chemistry Honors or an "A" in Chemistry CP with instructor approval.

This class is designed to teach major concepts and principles of biological control and regulatory processes, chemical energetics and kinetics, equilibrium systems, hydrophobic and hydrophilic interactions, cellular energetics, molecular biology, molecular genetics, biochemistry, and cell biology. A series of laboratory exercises are conducted to reinforce principles and concepts presented during lectures.

**Advanced Topics in Biology 7662**  
**(UC/CSU acceptable)***One Year (11, 12)*

PREREQUISITE: (1) "A" or better in Biology CP or "B" or higher in Biology Honors and (2) "A" in Chemistry CP or "B" or higher in Chemistry Honors.

This one year combined course is designed as a project-based alternative for students interested in pursuing a third or fourth year of college preparatory science, but would prefer a course less rigorous than AP Biology.

This course will promote higher learning in the sciences, and will encourage students to become more informed through scientific journals, and data analysis. A final term project is required at the end of the year. The emphasis of this course is on Biology and Human affairs. One quarter will focus on Microbes and Human Affairs; an exploration of microbes and their impact on humans. Topics include microbial disease, forensics, microbes and their role in genetic engineering, microbes and their role in food production, and bioterrorism. A second quarter will focus on Plants and Human Affairs. Topics include economically important food plants, culturally important plants, medicinal plants, as well as plants and crime. A third quarter will focus on Oceans and Human Affairs. Topics include the importance of the ocean in the food chain, the impact of the ocean on the environment, and the economic importance of the ocean. A fourth quarter will focus on Bioethics. Emphasis will be placed on developing an understanding that man's role is that of responsible steward of a global society.

The year will end with the presentation of student projects that relate materials learned in class with student directed learning in areas of interest.

**Marine Biology 7710***One Year (11, 12)*

PREREQUISITE: "C" or better in Biology and Chemistry.

This course examines the following topics: taxonomy, physiology, geology, chemistry, physical taxonomy, physiology, and ecology as they apply to the marine ecosystem. The course requires a great deal of independent work and research.

**Physics CP 7640***One Year (10, 11, 12)*

PREREQUISITE: Concurrent enrollment in Algebra II Honors or higher.

This course is the science of studying relationships in nature through the use of mathematics. The major areas of study are mechanics, waves, electricity and magnetism. Emphasis is placed on the concept of physics as well as applied math and problem solving.

**Physics Honors 7641***One Year (11, 12)*

PREREQUISITE: "B" or better in Chemistry Honors or an "A" in Chemistry CP and concurrent enrollment in Trig/Math Analysis Honors or higher. If concurrent with Trigonometry/Math Analysis Honors, "A" in both semesters of Algebra II.

Observation and math enable us to describe and predict how nature works. Successful students exit this challenging course with the understanding that the energy of

the universe exists in six interchangeable forms: mechanical, potential, radiative, chemical, and nuclear, as well as the energy of matter itself.

### **AP Physics**

**7642**

*One Year*

*(11, 12)*

PREREQUISITES: “B” or better in both semesters of Physics CP or Physics Honors and concurrent enrollment in Calculus AB or “B” or better in both semesters of Calculus AB and concurrent enrollment in Calculus BC.

This is a second year physics course. It is a calculus-based course that covers mechanics in greater depth. The content includes motion in one and two dimensions, Newton’s Laws of motion, circular motion, work, energy, momentum, torque, rotation of rigid objects, equilibrium, oscillation and universal law of gravitation. This course is a beginning, university-level course of study for science and engineering majors. It prepares for the Advanced Placement Physics “C” mechanics portion of the exam.

### **AP Biology**

**7622**

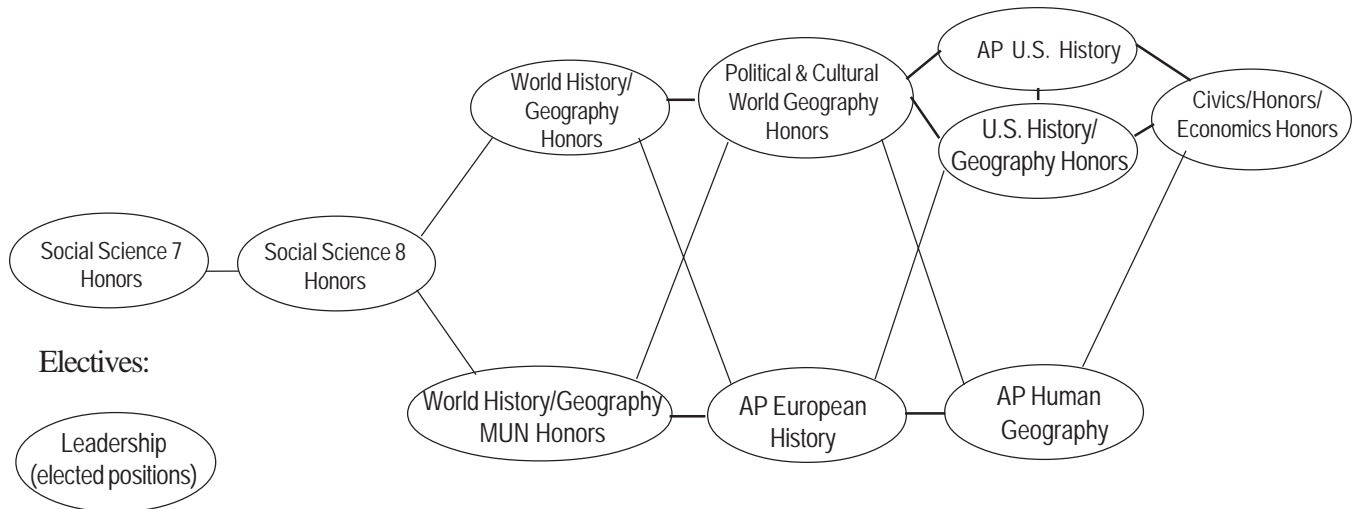
*One Year*

*(11, 12)*

PREREQUISITE: “C” or better in Chemistry of Living Systems Honors and satisfactory completion of the summer assignment. Concurrent enrollment with Chemistry of Living Systems is highly discouraged. Students wishing to do so must have instructor approval.

This course is a university level, introductory course intended for Biology majors. Topics include chemistry of life, cells, heredity and evolution, organisms, populations, and ecology. It provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. A required series of laboratory exercises reinforce principles and concepts presented during lectures.

# Social Science



## Social Science 7 Honors 8373

### Medieval and Early Modern World History (7)

*One Year*

This course emphasizes the skills necessary to participate effectively in the Whitney program: time management, studying text materials, taking notes, outlining, researching primary and secondary sources, and writing analytical reports. A unit on world geography is included with an overview of world history from the medieval period to early modern times. Emphasis is placed on trends and influences of each period. A research-oriented, semester project, is required, stressing a creative summary of an historical topic that focuses on a specific theme.

## Social Science 8 Honors - 8383

### Early United States History and Geography (8)

*One Year*

This course emphasizes significant events in the American experience from the nation's founding to 1914, that have generated emotions, ideals, institutions, and values in the United States. Students become acquainted with the people who lived during those critical times and get a sense of their feelings, values, and motivations. Students become knowledgeable of the contributions of women, men, and members of various ethnic groups to the political, economic, social, and aesthetic dimensions of American life. This course stresses the common American experience and culture that transcends classifications. A research based semester project revolving around an historical theme is required. Students may have the option to attend a class trip to Washington, D.C.

## World History/Geography Honors 8004

*One Year* (9)

This course reviews the historical, social, and cultural developments of the world, from the late 18th century to the present. Major areas covered include the French Revolution, the Industrial Revolution, the Rise of Imperialism, World War I, World War II, and Nationalism in the contemporary world. This includes a major research-oriented, semester project that emphasizes the use of primary sources and the use of analytical and creative thinking.

## World History/Geography 8010

### Model United Nations Honors (9)

*One Year*

PREREQUISITE: "B" or better in both semesters of 8th grade Social Science Honors.

This course follows the same guidelines as the World History/Geography course. In addition, students will get the opportunity to attend and participate in Model United Nations activities and conferences at the school and throughout the Southland. MUN activities concentrate on conference preparation and current international events. All students are required to attend two MUN conferences during the school year. A semester project is also required.

## SOCIAL SCIENCE

### Political and Cultural

**World Geography Honors** 8074  
*One Year* (10)

*(This class is a prerequisite for AP U.S. History.)*

This course is an exploration of themes related to the field of geography. Students will explore social, political, economic and environmental issues across time and space. Through the critical examination of these topics, students will achieve a greater awareness of their role in the world. Lectures, class discussions, outside reading and creative projects will be utilized.

**AP European History** 8090  
*One Year* (10, 11, 12)

PREREQUISITE: "B" or better in both semesters of World History/Geography Honors or World History/ Geography MUN Honors.

*(This class is a pre-requisite for AP U.S. History.)*

This course emphasizes European history from 1450. The study also includes an examination of the political and diplomatic, intellectual, cultural, social, and economic history of Europe. A commitment to academic achievement and the time required is essential. A summer reading or research project may be required.

**AP Human Geography** 8014  
*One Year* (10, 11, 12)

PREREQUISITE: "B" or better in both semesters of World History/Geography Honors or World History/Geography MUN Honors.

*(This class is a pre-requisite for AP U.S. History)*

This course is designed to introduce students to the study of patterns and processes that have contributed to human understanding, use and alteration of the Earth. Students will examine a variety of topics (including population issues, cultural patterns, political organization, land use, industrialization/development and urbanization) from a geographic perspective. A summer reading or research project may be assigned.

**U.S. History/Geography Honors** 8026  
*One Year* (11)

The curriculum begins with a review of the Constitution, moving quickly through the Civil War and Reconstruction period. The areas of in-depth study include Progressivism and World War I, the 1920's, Great Depression, World War II and current topics. Students review the traditional information and delve critically into the social, economic and political consequences of these events. A semester project is required.

**AP U.S. History/Geography** 8023  
*One Year* (11)

PREREQUISITE: "B" or better in both semesters of Political and Cultural World Geography Honors, AP European History or AP Human Geography.

This is a comprehensive course from the period of exploration to the present. Emphasis is on political, social and economic developments, the position of the U.S. in world affairs, and the forces that shape the causes of events. Emphasis is on concept development, research and essay writing. Several short research papers are required during the year. The course is supplemented by *American Political Traditions* by Richard Hofstadter for many assignments. There may be a required summer assignment.

**Civics Honors/ Economics Honors** 8045  
*One Year* (12)

The one semester Civics course is an in-depth look at our federal government. Lectures and outside reading assignments will be incorporated into the course of study. Modern political history will be discussed. Economics introduces students to the basic principles of economics and the fundamental operations of the American economic system of free enterprise. This course introduces economics as a discipline and helps students prepare to play an intelligent, informed participatory role in our economic system.

**Leadership** 8110  
*One Year* (7, 8, 9, 10, 11, 12)

PREREQUISITE: Elected or appointed students must meet academic and citizenship requirements.

Enrollment in Leadership is required for all students who hold appointed or elected ASB offices. The students in the class form the ASB Student Council. They conduct meetings, prepare and plan activities for the entire school and represent the student body to the administration and staff. The students learn to work together and develop their leadership and organizational skills.

# Visual and Performing Arts



## **Beginning 2-Dimensional Art 1547**

*One Year (7, 8, 9, 10, 11, 12)*

This course is the foundation for all the other visual arts courses offered and is recommended for any student who wants to enter the field of visual arts. It is also recommended for any student who wants to experience a variety of techniques and media for pure enjoyment. A special emphasis is placed on right-brain drawing skills using supplement "Drawing on the Right Side of the Brain." This course also integrates art history as it relates to the field of the visual arts. A fair-share donation is requested to offset costs of materials for this course and the text "Art Talk" will be used to teach design and composition. In this class students learn to draw, paint and design.

## **Intermediate 2-Dimensional Art 1548**

*One Year (8, 9, 10, 11, 12)*

PREREQUISITE: "B" or better in Beginning 2-Dimensional Art and instructor approval.

Students advance their drawing skills and gain technical competence in observing, recording and creatively interpreting the visual environment. Emphasis will be placed on exploring and developing one's personal realistic shading style. Techniques for handling various media are explored by working on assigned problems in shading, perspective, water color, charcoal, ink, pencil, felt tip and collage techniques. A fair-share donation is requested to offset costs of materials for this course.

## VISUAL AND PERFORMING ARTS

### **Advanced 2-Dimensional Art** **1549** *One Year* (9, 10, 11, 12)

PREREQUISITE: "A" in Intermediate 2-Dimensional Art and instructor approval.

This is an advanced art course designed for students who plan to continue their education in the field of art and/or those who wish to develop further skills in art, especially work in color. The class emphasizes refined drawing and painting techniques and advanced in-depth work in several art media through the planning and development of individual projects. Students will read the supplement *Discovering Art History*. A fair-share donation is requested to offset costs of materials for this course.

### **Applied 2-Dimensional Art** **1553** *One Year* (10, 11, 12)

PREREQUISITE: "A" in Advanced 2-Dimensional Art and instructor approval.

This is an independent study course designed for the highly motivated, serious visual arts student who wants to pursue the fine arts in college and needs to work on building up and/or preparing their portfolio. Each student is placed on a contract (based on attendance, classroom preparation and independent work). A fair-share donation is requested to offset costs of materials for this course.

### **Ceramics I** **1509** *One Year* (8, 9, 10, 11, 12)

This course is designed to introduce students to the many possibilities of ceramics as an art form. They learn the basic handbuilding techniques such as pinch, coil, and slab methods, including glazing and firing processes. The students also have an opportunity to learn the basic skills of throwing on the potters wheel. A fair-share donation is requested to offset costs of materials for this course especially the glazes.

### **Ceramics II** **1510** *One Year* (9, 10, 11, 12)

PREREQUISITE: "B" or better in Ceramics I and instructor approval.

This course is designed for the serious ceramics student who wants to explore extensive handbuilding techniques. Beginning Potters wheel skills are taught. A fair-share donation is requested to cover glaze fees.

### **Ceramics III** **1511** *One Year* (10, 11, 12)

PREREQUISITE: "A" in Ceramics II and instructor approval. This class is for the serious ceramic student who is highly motivated and interested in working at the college level and producing many exceptional pieces both handbuilt and thrown. A fair-share donation is requested to cover glaze fees.

### **Ceramics IV** **1512** *One Year* (10, 11, 12)

PREREQUISITE: "A" in Ceramics III and instructor approval.

This is a class for the very serious self-motivated ceramics student who is interested in continuing working independently on a concentrated area of study in clay as well as developing a professional portfolio. A modest glaze fee is requested to offset glaze costs.

### **Beginning 3-Dimensional Art** **1550** *One Year* (7, 8, 9, 10, 11, 12)

This course introduces the student to the variety of three dimensional design that is historically related to the diverse cultures of our world. Students work on three-dimensional projects in the following areas: spinning, weaving, basketry, feltmaking, acrylic clay (Fimo), papermaking, fabric design, marbled paper, beading, quilting, tie-dye and much more! A fair-share donation is requested to offset costs of materials for this course.

### **Intermediate 3-Dimensional Art** **1551** *One Year* (8, 9, 10, 11, 12)

PREREQUISITE: "A" in Beginning 3-Dimensional Art and instructor approval.

This is an intense course of study offered to the highly motivated and responsible student who excelled in Beginning 3-Dimensional Art. Curriculum revolves around the textile/fiber arts and projects in other craft media. Additional project hours outside classroom time are required. Projects include students finding and purchasing some materials with department funds. A fair-share donation is requested to offset costs of materials for this course.

## VISUAL AND PERFORMING ARTS

### **Advanced 3-Dimensional Art** **1552** *One Year* (9, 10, 11, 12)

PREREQUISITE: "A" in Intermediate 3-Dimensional Art and instructor approval.

This class is for the serious 3-D art student who is highly motivated and interested in working independently in the various 3-D media. A fair-share donation is requested to offset costs of materials for this class.

### **Applied 3-Dimensional Art** **1554** *One Year* (9, 10, 11, 12)

PREREQUISITE: "A" in Advanced 3-Dimensional Art and instructor approval.

This class is for the very serious 3-D Art student who is interested in continuing working independently on a concentrated area of study as well as further developing a professional portfolio. A fair-share donation is requested to offset costs.

### **Contemporary Media** **1717** *One Year* x(10, 11, 12)

PREREQUISITE: Word processing skills

This course focuses on broadening the students' foundation in critical thinking and creative expression through the generation of video projects using modern computer technology. Students create individual and group productions which enhance their technical knowledge and reflect their artistic skills. Emphasis is placed on learning to respond to, analyze, and critically assess their own work as well as their peers. A fair share of donation is requested to offset the cost of materials for this class. *Course may be repeated for credit.*

### **Band/Beginning** **1960** *One Year* (7, 8)

This course is designed for the beginning band student, those who wish to change instruments or are in need of a refresher course. Students are trained on their individual instruments. Emphasis is placed on tone production, ensemble techniques taught through scales, method books, and concert literature. This group is required to perform at concerts throughout the year. A small fair share donation is requested to offset the cost of materials for this class.

### **Band/Intermediate** **1961** *One Year* (7, 8)

PREREQUISITE: Band/Beginning or one or more years of experience on a band instrument.

This course is designed for the music student with one or more years of experience on a band instrument. Emphasis is placed on tone production, ensemble techniques taught through scales, method books and concert literature. This group is required to perform at concerts throughout the school year. A small fair share donation is requested to offset the cost of materials for this class.

### **Band/Advanced** **1962** *One Year* (7, 8)

PREREQUISITE: One year of Beginning or Intermediate Band or instructor approval.

Students are introduced to various techniques including articulation, tone production, ensemble techniques and musical interpretation. These techniques are taught through scales, method studies and band literature. This group is required to perform at various concerts throughout the year. A fair share donation is requested to offset the cost of materials for this class. Course may be repeated for credit.

### **Marching Band (Fall)** **1720** **Advanced Band (Spring)** **1692** (Symphonic Band/Wind Ensemble)

### *One Year* (9, 10, 11, 12)

PREREQUISITE: Instructor approval.

This group is a major performing ensemble. Emphasis is placed on mastery of individual and ensemble performance techniques such as: articulation, reading of time and key signatures, intonation, and musical interpretation. These techniques are taught through presentation of appropriate high school and college level music. Participation in weekend and evening performances are required. A fair share donation is requested to offset the cost of materials for this class. *Course may be repeated for credit.*

### **Jazz Band** **1684** *One Year* (9, 10, 11, 12)

PREREQUISITE: Instructor approval through audition. Student must be able to read music and be concurrently enrolled in Advanced Band.

This group is a small ensemble that studies and performs jazz literature. Styles covered include big band, swing, and contemporary. Membership is limited to saxophones (alto, tenor, baritone), trumpet, trombone, guitar, piano, bass and drum set players. This group is required to perform at various concerts throughout the year. *Course may be repeated for credit.*

## VISUAL AND PERFORMING ARTS

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### **Chorus 1670**

*One Year (9, 10, 11, 12)*

This course enables students to learn and perform a wide variety of high-quality choral literature written for mixed voices. Students also gain competence in sightsinging, musicianship, and vocal skills. This group is required to perform at various concerts throughout the year. A fair share donation is required to offset cost of materials for this class. *Course may be repeated for credit.*

### **String Orchestra 1723**

*One Year (9, 10, 11, 12)*

PREREQUISITE: Instructor approval.

This group is a major performing ensemble. Open to experienced violin, viola, cello, and string bass players. Emphasis is placed on mastery of individual and ensemble performance techniques. These techniques are taught through presentation of appropriate high school and college level music. Participation in evening performances is required. A fair share donation is requested to offset the cost of materials for this class. *Course may be repeated for credit.*

### **Theatre Lab 1651**

*One Year (9, 10, 11, 12)*

Students utilize their creative imaginations to express themselves confidently in front of an audience through the use of improvisations, cold readings, monologues, scene study and play production. They learn to develop a character through various acting techniques, and will be expected to evaluate their own performance as well as constructively critiquing their classmates' work. The students also gain a general understanding of other areas of play production such as directing, set and lighting design, costume and make-up design, and playwriting through observation and analysis of live and taped productions. Grades are based on class participation and performance as well as written work.

### **Theatre Lab II 1649**

*One Year (10, 11, 12)*

PREREQUISITE: Theatre Lab or instructor approval.

Students continue to develop skills learned in Theatre Lab with increased emphasis on character development and greater understanding of dramatic literature. Additional assignments include an oral report on a playwright and a written character analysis. Students are also responsible for directing students in a one-act play. Grades are based on class participation, performance, and written work.

### **Theater Lab III 1648**

*One Year (10, 11, 12)*

PREREQUISITE: Theatre Lab II or instructor approval.

Students in their third year of study continue to develop performing skills through an in-depth study of different acting techniques. They are also required to participate in school productions either as a director, performer or stage manager. This is a commitment of approximately 100 hours of work in addition to completing all class assignments.



# Assisting Positions

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## **Art Technician**

*One Year*

**5042**

*(8, 9, 10, 11, 12)*

## **Library Technician**

*One Year*

**5010**

*(8, 9, 10, 11, 12)*

## **Instructional Aide**

*One Year*

**5029**

*(9, 10, 11, 12)*

PREREQUISITE: Instructor approval.

Students must possess subject level knowledge and skills for the course or department. Students expand both conceptual and technical knowledge and skill. Applied learning and work related performance determine the grade. Attendance is a major part of the course grade. Students must be dependable, efficient, and work cooperatively with adults and students.

## **Office Aide**

*One Year*

**5030**

*(9, 10, 11, 12)*

PREREQUISITE: Office approval.

Requires interpersonal skills and basic knowledge of organizations. Students apply and expand their verbal, organizational, and problem solving skills to a wide variety of projects. Student must have good attendance and citizenship.

## **Computer Technician**

*One Year*

**5028**

*(11, 12)*

PREREQUISITE: Instructor approval.

Must possess basic knowledge and skills in using DOS and Windows. An interview will be required of the applicant. Technicians are required to maintain network integrity while preparing the lab for use by other classes. Responsibilities include maintaining and optimizing server and workstations; running routine diagnostics on the systems; calibrating the network to run efficiently as traffic increases; and supervising system operation by other students. They will also help in maintaining all computer equipment on school facilities. Technicians will assist faculty in the office and classrooms in operating computer equipment. This class will be assigned in September, after the student's academic schedule has been set.

# College Courses

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**College Courses give you the opportunity to:**

*1) pursue your interests/passions*

*2) increase your level of academic rigor for college admissions*

*3) get a headstart on your college degree.*

Many courses are available at the local colleges listed below. Call the college to find out time frames for each semester and when and how to register. Most colleges begin their semester classes earlier than we do.

## **Cerritos College**

Coordinator of School Relations - Shirley Arceo  
(562) 860-2451 ext. 2129

## **Fullerton Community College**

Admissions and Records - Ana Felix  
(714) 992-7576

## **California State University Fullerton**

High School Outreach  
(714) 278-2086

## **Long Beach City College**

Admissions - Linda Luuga  
(562) 938-4485

## **Cypress College**

(714) 826-2220

## **California State University Long Beach**

High School Outreach Coordinator - Evelyn Daliwan  
(562) 985-5358

# Table of Contents

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## General Information

Whitney's Six-Year Academic Plan.....	1
Graduation Requirements.....	2
University of California Subject Requirements.....	3
University of California Certified Course List.....	4
Course Selection Process.....	5

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## Course Descriptions

English Department .....	6 - 8
Foreign Language Department.....	9 - 10
Mathematics Department.....	11 - 12
Physical Education Department.....	13
Science Department.....	14 - 16
Social Science Department.....	17 - 18
Visual and Performing Arts Department.....	19 - 22
Assisting Positions.....	23
College Courses .....	24