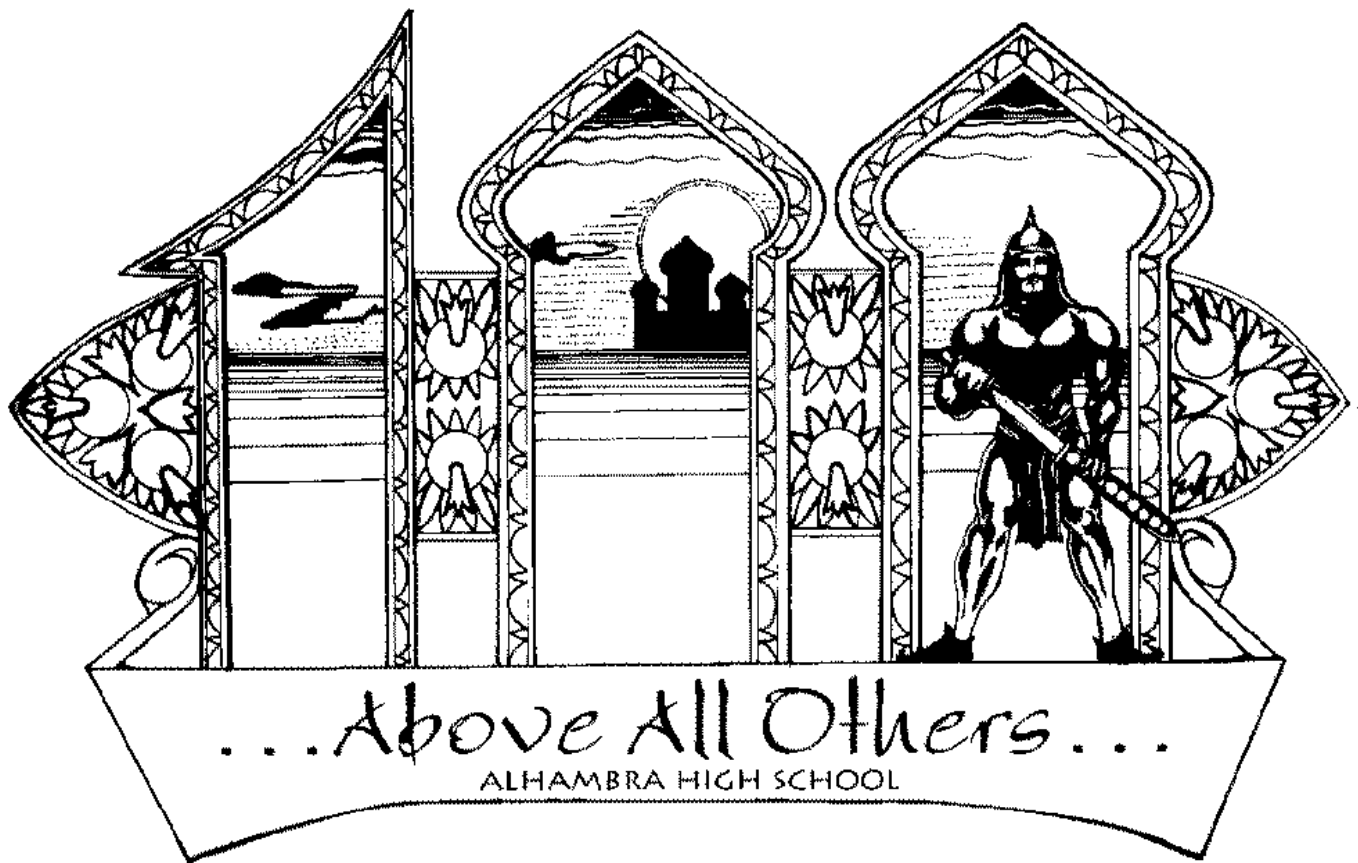


# ALHAMBRA HIGH SCHOOL



**2009-2010**  
**COURSE CATALOG**

[www.ahsmoors.org](http://www.ahsmoors.org)

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# ALHAMBRA HIGH SCHOOL

101 South Second Street  
Alhambra, CA 91801  
www.ahsmoors.org

## ADMINISTRATION

### Principal's Office

Brad Walsh  
Laurie Korpall

Principal  
Office Manager

**308-2342**

### Business and Activities

Jeremy Infranca  
Sandra Esparza  
Candace Collins  
Desiree Reyes  
Mandy Hubner  
Lou Torres/Gerald De Santis

Assistant Principal  
Office Manager  
Activities Director  
Bank Manager  
Bookroom Clerk  
Athletic Directors

**308-2346**

### Instruction

Brandon Dade  
Maria Lozano  
Josephine Chen  
Nelly Chong

Assistant Principal  
Office Manager  
School Community Coordinator  
School Community Coordinator

**308-2261**

### Pupil Services/Guidance

Jacynth Cisneros  
Rebecca Del Castillo

Assistant Principal  
Office Manager

**308-2324**

### Guidance Office

Carlos Jimenez  
Ana Dacaret  
Bindi Crawford  
Jacqueline Herrera  
Mayela Del Rio

Mindy Schofield

Aurora Ambriz

Counselor A – Dal & AVID  
Counselor Dam - Huynh, N. & AVID  
Counselor Huynh, O. – Mc & AVID  
Counselor Md - Rivera, I., DHH & AVID  
Counselor Rivera, J. - UII, AVID & SEI Students Spanish speaking  
Counselor Um – Z, AVID & SEI Students Mandarin & Cantonese speaking  
SEI Students

GAP Counselors

**308-2320**

### Student Services

Kyle Douglas  
Phuong Nguyen  
Eloisa Dimas

Assistant Principal  
Assistant Principal  
Office Manager

**308-2716**

### Attendance Office

Josie Santos

Office Manager

**308-2304**

### Career Education/Regional Occupational Program (ROP)

Arlene Shinohara  
Monica Marquez  
Bob Korpall  
Janice Liu

Office Manager  
Career Education Technician  
ROP Technician  
ROP Counselor

**308-2359**

## **Alhambra High School's Vision Statement**

The vision of Alhambra High School is to empower skilled, lifelong learners to become productive citizens in a multicultural society.

### **Alhambra High School's Student Goals\*:**

**M**otivated and self-directed learners

**O**rganized and effective communicators

**O**riginal and critical thinkers

**R**esponsible and respectful citizens

*\*Previously called Expected Student Learning Results (ESLR's)  
Revised 11/18/2004 by Focus on Learning Leadership Committee*

### **ALHAMBRA HIGH SCHOOL'S 2006 FOCUS OF LEARNING THEME:**

**“STRIVING FOR MOOR”**

# Alhambra High School

## GENERAL INFORMATION

### Annual Registration

Students are given the opportunity in the spring of each school year to select courses for the following year. It is important that courses be selected in cooperation with the student's parent, along with high school graduation requirements and career objectives in mind. Course selection represents a commitment on the part of the student that he or she will satisfactorily complete the schedule of classes chosen. Students should check carefully to ensure that they have taken the proper prerequisites for each course selected. Classes are a year long commitment.

### Units of Credit

Five units of credit will be earned for each on-campus semester course completed with a passing grade.

Grade Classification	Credits
Freshman (9 <sup>th</sup> grade)	0-49 credits
Sophomore (10 <sup>th</sup> grade)	50-99 credits
Junior (11 <sup>th</sup> grade)	100-159 credits
Senior (12 <sup>th</sup> grade)	160 + credits

### Off-Campus Courses

Students who wish to take classes outside of Alhambra High School for high school credit must have permission from the student's counselor. Adult school in this district is only available to seniors needing to make up failed classes. Credit for these courses can only be granted for courses taken at an institution accredited by the Western Association of Schools and Colleges. Courses taken at a college are granted college, not high school credit, and do not appear on the student's high school transcript.

### Schedule Changes/Transfer Policy

Student requests for schedule changes are honored for following reasons only: a scheduling error, failure to complete a prerequisite course, a graduation omission, and special individual circumstances. Students are encouraged to take care of these concerns at priority processing in the summer/the first five days of the semester as space in classes allows.

### Attendance

All persons under 18 years of age who have not graduated from high school are required by state law to attend school. Students are required to attend five class periods daily. Six periods are required for at least four semesters to reach the 220-credit graduation requirement.

Students are expected to attend each of their scheduled classes promptly and regularly. Regular attendance is one of the greatest contributing factors to success in school. Absences should be avoided whenever possible.

### State Proficiency Certificate

Legislation now provides that persons 16 years old and over may be exempted from compulsory school attendance if they have demonstrated satisfactory proficiency on the California High School Proficiency Exam (CHSPE). Students who pass this examination will receive a "Certificate of Proficiency" and are allowed to end secondary schooling with written parental consent.

Students who terminate their high school courses will not be permitted to go through graduation ceremonies. Students who elect to continue their education, even though they have received a "Certificate of Proficiency," may take part in Alhambra High School promotion ceremonies, assuming the regular graduation requirements have been met.

### Certificate of Completion

Students who receive a "Certificate of Completion" may take part in Alhambra High School promotion ceremonies, provided all other graduation requirements have been met. (See Graduation requirements on page 9.)

# California Scholarship Federation

## Alhambra Chapter No. 21 SC

The California Scholarship Federation (known as CSF) is a statewide organization whose purpose is to recognize students who have demonstrated outstanding academic achievement. Qualifying for membership is on a semester basis. Freshman semesters qualify students for associate membership. To become a lifetime member (Seal bearer) students must have qualified for four semesters during their last three years of high school, including one semester in the senior year. At graduation, lifetime members receive a gold seal on their diploma, a lamp pin, a gold stole (100% membership) or a gold cord (life membership) to be worn at the ceremony.

### **Requirements for Membership**

Membership is determined by a point system. A student must earn a minimum of **10** points entirely from curricular studies. The first **four** points must be from **LIST I** (unless a student is a senior applying for membership in February or June). The first **seven** points (including the **four** described above) must be from **LISTS I & II**. The remaining points may come from any LIST (I, II, III). No more than **five courses** may count to qualify.

### **CSF Point System**

1. A grade of A = 3 CSF points
2. A grade of B = 1 CSF point (AP or designated honors course earns 2 CSF points.)
3. A grade of C = 0 CSF points
4. A grade of D or F in any course, even in one that doesn't qualify, shall bar membership for one semester.
5. Two Ns or one U in citizenship in any subject, including physical education, bars a student from membership for one semester.

When a student is taking more than five academic courses, only the best five grades will be used to compute eligibility.

Students who take college courses on college campuses, as part of their normal high school class load will be granted CSF credit.

In the interpretation of eligibility requirements, it is stated in the CSF state constitution that students who are otherwise eligible, but in the judgment of the advisor and principal are unworthy citizens, shall be barred from both semester and life membership.

The California Scholarship Federation has approved the following course lists: I, II, and III:

<b>LIST I</b>	<b>LIST II</b>	<b>LIST III</b>
<b>ENGLISH</b>	<b>BUSINESS</b>	<b>BUSINESS</b>
American Literature 5/6	Computer Accounting	Business Tech. Core 1/2
English 1/2, 3/4, H	Computer Programming 1/2	Comp. Lit. & Comp. App.1/2
English Lang & Comp. 5/6 AP		Comp. Projects and Design 1/2
English Literature & Composition 7/8 AP	<b>ENGLISH</b>	Keyboarding/Word Processing
World Literature 7/8	Journalism 3/4, 5/6, 7/8, IS	
		<b>CONSUMER FAMILY LIVING</b>
<b>FOREIGN LANGUAGE</b>	<b>ENGLISH LANGUAGE DEV.</b>	Fashion
Cantonese 1/2, 3/4, 5/6, 7/8	SEI 7/8 Reading	Foods
French 1/2, 3/4, 5/6, 7/8	SEI 7/8 Writing	
German AP		<b>ENGLISH</b>
Japanese 1/2, 3/4, 5/6, 7/8	<b>FOREIGN LANGUAGE</b>	Journalism 1/2
Mandarin 1/2, 3/4, 5/6, 7/8	Sign Language 1/2, 3/4, 5/6	Read 180
Spanish 1/2, 3/4, 5/6, 7/8, AP (Lang & Lit)		Yearbook
	<b>MATHEMATICS</b>	
<b>MATHEMATICS</b>	Math Computer Science AP	<b>ENGLISH LANGUAGE DEV.</b>
*Algebra I 1/2	Statistics & Probability 1/2	SEI 1/2, 3/4, 5/6
*Algebra II 1/2, H		
Calculus AB 1/2 AP, BC 1/2 AP	<b>SCIENCE</b>	<b>INDUSTRIAL TECHNOLOGY</b>
*Geometry 1/2, H	Chemistry 1/2 Descriptive	All Shop Courses
Statistics AP	Environmental Science 1/2, AP	Architecture
Trig/Pre-Calculus 1/2, H	*Integrated Science I, II	Drafting
	Physiology	Electronics
<b>SCIENCE</b>		
*Biology 1/2, 3/4 AP	<b>SOCIAL SCIENCE</b>	<b>MATHEMATICS</b>
*Chemistry 1/2, 3/4 AP	Age of Chivalry AP	*Elementary Algebra 1/2, 3/4
Physics 1/2, AP, B, C	Psychology	Informal Geometry 1/2
<b>SOCIAL SCIENCE</b>	<b>VISUAL PERFORMING ARTS</b>	<b>SCIENCE</b>
*American Govt./Civics, AP	*Applied Communications	Bio Med. Ind. Study
*Economics, AP	Art History AP	*Health and Safety
European History 1/2 AP	Debate 1/2, 3/4, 5/6, 7/8	
*U.S. History/Geog. 1/2, AP	Music Theory AP	<b>VISUAL PERFORMING ARTS</b>
*World History Cultures & Geog. 1/2, H		Band/Orchestra
	<b>OTHER</b>	Choir/Chorus
	Academic Decathlon	Drama
		Studio Art Courses
		<b>OTHER</b>
		AVID
		Career Education
		ROP

\* SDAIE course offered

# GUIDANCE PROGRAM AND SERVICES

The guidance staff at Alhambra High School is committed to implementing a comprehensive guidance program in educational counseling, career planning, and personal counseling. Each student and parent can expect the following services:

## **Education Counseling**

- Ninth grade pre-enrollment orientation for parents and students
- Registration, appropriate scheduling, programming, and remediation as needed (school initiated)
- Specific testing, program interpretation and parent conferencing (school initiated)
- Special grade checks and progress report by parent request
- College information night for students and parents (school will advertise)
- Information about student's progress toward graduation, credit deficiencies and subject area credit status for students and parents (school initiated)
- Post secondary information
- Planning and financial aid information
- Post secondary testing information, PSAT, ACT, SAT (student/school responsibility)
- Scholarship information

## **Career Planning**

- Assistance in the student's search for a career and/or vocational direction
- Career Center: ROP, work experience, job placement

## **Personal Counseling**

- Counseling assistance, crisis intervention, and referral information for special needs of parents and students. School, district and community programs will be evaluated to identify the best program (school and/or parent initiated).
- On site psychologist may provide counseling as needed.

## **Please note:**

- Counseling appointments may be made through the Guidance Office staff.
- Counselors are available before school, after school, and during lunches.

# Alhambra Unified School District

## High School Graduation Requirements

The Alhambra School District Board of Education adopted new graduation requirements for high school students graduating in 2006 and beyond.

Course/Subject	Class of 2006 and Beyond
<b>English (EN)</b>	<b>40 credits</b>
<b>Math (M)</b>	<b>30 credits</b> Students are required to complete Algebra I and Geometry.
<b>Science (SC)</b>	<b>20 credits</b> Life/Biological (10) <b>(SC-L)</b> Physical/Earth (10) <b>(SC-P)</b>
<b>Social Science (SS)</b>	<b>30 credits</b> World History (10) U.S. History (10) American Government (5) Economics (5)
<b>Physical Education (PE)</b>	<b>20 credits</b>
<b>Fine Arts or Foreign Language (FA)</b>	<b>10 credits</b>
<b>Pathways to College &amp; Career (P)</b>	<b>5 credits</b>
<b>Health and Safety (HS)</b>	<b>5 credits</b>
<b>Elective Courses (EL)</b>	<b>60 credits</b>
<b>TOTAL</b>	<b>220 credits</b>

### GRADUATION REQUIREMENTS:

The School District Board requires that all students participating in the promotion ceremony must first have completed all requirements for graduation.

### CALIFORNIA HIGH SCHOOL EXIT EXAM (CAHSEE): <http://cahsee.cde.ca.gov>

Beginning with the graduating class of 2006, all California public school students must take and pass the High School Exit Examination (CAHSEE) to receive a high school diploma.

Students in grade 10 are required to take the exam. Students will have opportunities each year to retake part(s) of the exam not passed and will be offered special instruction as needed.

Students who do not pass one or both portions (math and English/language arts) of the CAHSEE, but meet ALL other graduation requirements, will receive a "Certificate of Completion" and be allowed to participate in the promotion ceremony.

## COURSE, REPORT CARD AND TRANSCRIPT CODES:

<b>Grading Scale:</b>	<b>A</b>	= Excellent	<b>F</b>	= Failed, no credit
	<b>B</b>	= Above Average	<b>I</b>	= Incomplete
	<b>C</b>	= Average	<b>NM</b>	= No mark, no credit
	<b>D</b>	= Below Average	<b>P</b>	= Passing

<b>Course Code:</b>	<b>AP</b>	= Advanced Placement
	<b>H</b>	= Honors
	<b>SDAIE</b>	= <b>S</b> pecially <b>D</b> esigned <b>A</b> cademic <b>I</b> nstruction in <b>E</b> nglish

*(SDAIE content classes are designed for intermediate or advanced level limited English proficient students. Through course content and hands on activities, students engage in vocabulary development and further enhance their listening, speaking, reading, and writing skills.)*

<b>Citizenship:</b>	<b>O</b>	= Outstanding
	<b>S</b>	= Satisfactory
	<b>N</b>	= Needs Improvement
	<b>U</b>	= Unsatisfactory

### Grade Point Average (GPA):

- 1) Each letter grade is given a point value based on the number of credits awarded or attempted  
(see chart below)
- 2)  $GPA = \frac{\text{Total of grade points}}{\text{total of credit given/attempted}}$

Letter Grade	Points	Class Credit Earned Each Semester
<b>A</b>	20	5.0
<b>B</b>	15	5.0
<b>C</b>	10	5.0
<b>D</b>	5	5.0
<b>F</b>	0	0

### Honors and Advanced Placement Courses

The following Honors courses are considered subject area foundation work and do not receive weighted credit: 9th and 10th grade Honors English, Honors Algebra I, Honors Geometry, Honors Algebra II, Honors World History, and Honors Economics.

The Alhambra United School District offers weighted credit for **Advanced Placement (AP)** and 11th and 12th grade **Honors (H)** courses, which have been approved by the University of California (UC) for an additional grade point credit.

UC grants special “honors” designation and an extra grade point credit only to honors courses designated for 11<sup>th</sup> and 12<sup>th</sup> graders who have already completed foundation work in a subject area. [Tenth grade students who have the necessary preparation to complete UC designated honors courses (i.e. those designed for 11<sup>th</sup> and 12<sup>th</sup> graders) will receive UC honors credit; however, they will not receive credit for more than two classes completed in the tenth grade.]

# COLLEGE ENTRANCE REQUIREMENTS

In California, post-high school education is divided into four sub-divisions, three of which are publicly supported: (1) the California Community Colleges; (2) the California State University system; (3) the University of California; and (4) the privately supported independent California colleges and universities.

## 1. CALIFORNIA COMMUNITY COLLEGES <http://www.cccco.edu>

Examples in our area include East Los Angeles College, Los Angeles Trade Tech, and Pasadena City College.

### Community College provides:

- General education for all students
- A two-year Associate of Arts Degree
- College academic program for students planning to transfer to a four-year college
- Occupational-technical education for people seeking employment
- Life-long education for residents of the community

### Admission Requirements:

Any high school graduate, the recipient of a *Certificate of Proficiency*, or adult 18 years of age or older may attend the community college. Community colleges require an English and math examination for placement.

The last semester of the senior year of high school is the appropriate application period for most community colleges (usually beginning April 1).

## 2. CALIFORNIA STATE UNIVERSITIES AND COLLEGES (CSU) <http://www.csumentor.edu>

State Universities and Colleges provide instruction through the master's degree. The State University System admits the upper one third of the California high school graduates. The CSU include: Bakersfield, Cal Poly Pomona, Cal Poly San Luis Obispo, Chico, Dominguez Hills, Fresno, Fullerton, Hayward, Humboldt, Long Beach, Los Angeles, Northridge, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Marcos, Sonoma, Stanislaus, Monterey Bay, and Maritime Academy. Students are encouraged to visit CSU Mentor, which is an electronic outreach, pre-admission, admission, and financial aid program available to students via the Internet. It is available, free, 24 hours a day, seven days a week.

### CSU Admission Requirements

- Have or will have graduated from high school
- Meet the **eligibility index** (a combination of grade point average and test scores)
- For admission to either California State University or the University of California, students must complete a minimum of 15 units (one unit equals a one-year course) of college preparatory courses. This list of courses is referred to as “a-g” courses. **See page 19 for Alhambra High School’s “a-g” course list and page 16 for a list of subject requirements.**
- Higher admission requirements may be required for impacted programs.

### Eligibility Index [http://www.csumentor.edu/Planning/elig\\_index.html](http://www.csumentor.edu/Planning/elig_index.html)

Students with grade point averages of 3.00 or above may establish eligibility for admission without submitting test scores. However, applicants are encouraged to take the SAT I or ACT since test scores may be included among the supplementary criteria used to determine admission to impacted campuses and programs.

**Subject Requirements, see page 17.**

**3. UNIVERSITY OF CALIFORNIA (UC)** <http://www.universityofcalifornia.edu/admissions>  
*Berkeley, Davis, Irvine, Los Angeles, Riverside, Santa Barbara, Santa Cruz, San Diego, and San Francisco*  
*(graduate studies only)*

The University of California provides instruction through the doctoral degree at nine campuses throughout the university system. All of the campuses adhere to the same admissions guidelines and high academic standards; yet, each one has its own distinct character. Among the campuses, there are five medical schools, three law schools, and a school of veterinary medicine, as well as professional schools of business administration, education, engineering, oceanography, and many others. Over 350 major academic areas of study can be found within the university system. The University of California admits the top twelve and a half percent of California high school graduates.

**Admission Requirements**

There are four paths to satisfy the University's minimum admission requirements for freshman students:

- Eligibility in the statewide context
- Eligibility in the local context
- Eligibility by examination alone

**a. Eligibility in the Statewide Context:** <http://www.ucop.edu/pathways>

Eligibility in the Statewide Context is the pathway by which most students attain UC eligibility. To be eligible in the statewide context, students must satisfy the Subject, Scholarship and Examination Requirements described on the following pages. **See page 17.**

**Subject Requirement**

To satisfy this requirement, students must complete the high school courses listed. This sequence of courses is also known as the "a-g" Subject Requirements. **See page 17.**

Students must take 15 units of high school courses to fulfill the "a-g" Subject Requirement, and at least seven of the 15 units must be taken in the last two years of high school. (A unit is equal to an academic year, or two semesters of study.) Courses taken to satisfy the Subject Requirement ("a-g" courses) must appear on the official **University of California Certified Course List** of the school the student attended, for the year the student took the course. **See page 17 for more information on the "a-g" subject requirements and page 19 for Alhambra High School's "a-g" certified course list.**

**Scholarship Requirement**

The UC Academic Senate's Board of Admissions and Relations with Schools (BOARS) has recommended that, pending future research on the predictive validity of the different exams (the new SAT1 Critical Reading and the new SAT 11 Subject Tests) the three components of the new SAT 1 and the two additional SAT 11 Subject Tests be weighted equally in the eligibility index. UC will use a concordance table to equate the new SAT 1 with the ACT Assessment plus the new ACT Writing Test. A new eligibility index is anticipated in spring 2005 for students entering in fall 2006.

## **b. Eligibility in the Local Context**

Under the Eligibility and the Local Context (ELC) pathway, the top four percent of students at each participating California high school are designated UC eligible.

To be considered for ELC, students must complete 11 specific units of the “a-g” Subject Requirements by the end of the junior year. With the assistance of each participating high school, the University will identify the top four percent of students on the basis of GPA in the required coursework. The 11 units include: 1 unit of history/ social science, 3 units of English, 3 units of mathematics, 1 unit of laboratory science, 1 unit of language other than English, and 2 units chosen from among the other subject requirements.

The University will notify ELC students of their status at the beginning of their senior year. Students designated UC-eligible through ELC must submit the University’s undergraduate application during the November filing period and complete remaining eligibility requirements, including the subject and Examination Requirements, to enroll.

## **c. Eligibility by Examination Alone** <http://www.ucop.edu/pathways>

A student who does not meet the Subject and Scholarship Requirements may be able to qualify for admission to the University by examination. To qualify by examination alone, a student must achieve a total score of at least 1400 on the SAT I, or a composite score of 31 or higher on the ACT. The total score on the three SAT II Subject Tests must be 1760 or higher, with a minimum score of 530 on each test.

*For students entering the UC system in Fall 2007 or later, the University of California has increased the minimum high school grade point average (GPA) required for UC freshman eligibility from 2.8 to 3.0.*

## **4. CALIFORNIA INDEPENDENT COLLEGES AND UNIVERSITIES:** <http://aiccu.edu>

Examples in our area include University of Southern California, Occidental College, and Loyola Marymount University. The Association of Independent California Colleges and Universities consists of more than 70 institutions. The link above is a guide that provides an interactive college search.

### **Admission Requirements**

For admission to most four-year independent colleges or universities, the student must meet certain subject, scholastic, and testing requirements. Among the private colleges, most admissions and subject requirements are similar to those of the Universities of California. A student should check with individual colleges to determine their specific requirements.

## **UC ADMISSIONS EXAMINATION REQUIREMENTS**

- The ACT Assessment plus Writing or the SAT Reasoning Test. The critical reading, writing and mathematics scores on the SAT must be from the same sitting. If you take the ACT, you will be asked to report your scores on each section of the test as well as your composite score.
- Two SAT Subject Tests.  
These must be in two different areas, chosen from the following: English, history and social studies, mathematics (Level 2 only), science or language other than English.

## **ACT Information**

### **What is the ACT Assessment?**

The ACT Assessment, or “A-C-T” as it is called, is a national college admission examination that consists of tests in: English, mathematics, reading, and science. Since February 2005, an optional writing test has been available.

### **How long does the test take?**

The ACT includes 215 multiple-choice questions that take 2 hours and 55 minutes to complete, with an overall administration time of just more than 4 hours. It is broken down as follows: English: 45 minutes; Math: 60 minutes; Reading: 35 minutes; Science: 35 minutes. The optional Writing Test takes an additional 30 minutes.

### **Why should students take the ACT?**

The ACT tests are universally accepted for college admission. Virtually all colleges and universities in the U.S., including all of the Ivy League school accept the ACT.

The ACT is curriculum-based. The ACT is not an aptitude or an IQ test. Instead, the questions are directly related to what you have learned in high school courses. The ACT provides test takers with a unique interest inventory that gives valuable information for career and educational planning and a student profile section that provides a comprehensive profile of a student’s work in high school and future plans.

### **When was the ACT Writing Test first offered?**

It was offered for the first time in February 2005. Please see your counselor for this year’s testing dates.

### **Why is the ACT Writing Test optional?**

Students should decide whether to take the ACT Writing Test based on the admission policies of the postsecondary institutions in which they are interested.

### **How Much Does the ACT/ACT Writing Test cost?**

The ACT Assessment fee is approximately \$28. The fee for the ACT Assessment with the Writing Test is \$42. Fee waivers are available on a limited basis. A fee waiver can be used only once.

### **How can student prepare for the ACT?**

More information on the ACT is available at [www.act.student.org](http://www.act.student.org)

## **PLAN Test**

Students are strongly encouraged to take the PLAN in the 10<sup>th</sup> grade. The PLAN is a curriculum-based test that assesses students in four core areas of their studies: English, math, reading, and science. Also included is a career interest inventory, a score report and booklet that help you understand what your plan results mean and information about using them. See your counselor for details.

## UC AND CSU REQUIREMENTS

	<i>Cal State University (CSU)</i>	<i>University of California (UC)</i>
<b>HIGH SCHOOL GPA</b>	Calculate GPA using only “a-g” approved courses taken after 9 <sup>th</sup> grade	
<b>SUBJECT REQUIREMENTS</b>		
<b>Courses Required</b>	15 college prep courses from approved “a-g” list, including:	
<b>History/Social Science</b>	2 years of history/social science, including one year of U.S. History and one semester of American government, and	
	2 semesters of history/social science from either the “a” or “g” subject areas	2 semesters of non U.S./world history, cultures and geography from the “a” subject area
<b>English</b>	4 years of English, which can include no more than one year of ELD	
<b>Mathematics</b>	3 years of math (algebra 1, geometry 1/2, and Algebra II 1/2; four years of math are strongly recommended)	
<b>Laboratory Science</b>	2 years of laboratory science	
	Including one year of physical science and one year of biological science, one of which must be from the “d” subject area with the other from either “d” or “g”	Including at least two of the three core disciplines of biology, chemistry and physics, both from the “d” subject areas
<b>Language Other Than English</b>	2 years of language other than English. Must be the same language. 3 years is recommended.	
<b>Visual &amp; Performing Arts</b>	1 year visual and performing arts (selected from the “a” – “g” course list)	
<b>College Preparatory Elective</b>	1 year elective chosen from any of the areas on the approved “a-g” course list, excluding those designated as non-elective	
<b>HONORS POINTS</b>	Maximum of 8 extra points allowed for approved honors courses. A maximum of 2 of these units can be completed in 10 <sup>th</sup> grade.	
<b>TEST SCORES—ACT/SAT</b>	ACT or SAT Critical Reading required	
	May combine best verbal & math scores from multiple sittings of SAT; may combine best sub-scores from multiple ACT tests to calculate a best composite.	Best SAT Critical Reading score from a single sitting. Two SAT Subject II Tests in two different subject areas.
<b>VALIDATION OF SUBJECT REQUIREMENTS BY OTHER COURSES</b>		
<b>Mathematics</b>	Algebra II validates Algebra I. A grade of “C” or better in the 2 <sup>nd</sup> semester of a yearlong course will validate a “D” in the 1 <sup>st</sup> semester. A grade of “C” or better in a higher-level math course (i.e. trig or pre-calculus) validates the entire high school college preparatory requirement. (For UC-in 2006, statistics only validates Algebra I & II, not Geometry).	
<b>LOTE: Language Other than English</b>	A grade of “C” or better in the 2 <sup>nd</sup> semester of a yearlong course will validate a “D” in the 1 <sup>st</sup> semester. A grade of “C” or better in a higher-level course will validate a lower level course. A higher level LOTE course can validate the appropriate number of years based on the level.	

<b>LOTE: Language Other than English (continued)</b>	A second semester college course will validate the 2-year high school requirement.	A college course can validate a high school language other than English course. The level of validation will depend on the college course prerequisite and description.
<b>VALIDATION OF “D” GRADES IN REQUIRED COURSES</b>		
<b>English</b>	“D” grade cannot be validated by subsequent coursework. Course must be repeated.	
<b>History/Social Science</b>	“D” grade cannot be validated by subsequent coursework. Course must be repeated.	
<b>Laboratory Science</b>	“D” grade for other sciences cannot be validated by subsequent coursework. Courses must be repeated.	
<b>Visual/Performing Arts</b>	“D” grade cannot be validated by subsequent coursework. Course must be repeated.	
<b>Electives</b>	“D” grades can be validated only for math, chemistry and language other than English.	
<b>VALIDATION OF SUBJECT REQUIREMENTS BY TEST SCORES</b>		
	Subject omissions may be satisfied with appropriate test scores on SAT II Subject Test, Advanced Placement Exams, and designated IB Exams. A list of acceptable tests and scores is available on both UC and CSU web sites.	
<b>REPEATED COURSES (The best grade will be used in the GPA calculation)</b>		
	No restriction on the number of times a course may be repeated.	A course that was not completed with a grade of “C” or better can be repeated only once. The best grade will be used in the GPA calculation. “C” grades cannot be repeated.

### **Educational Opportunity Program**

CSU, UC and community colleges provide support services to educationally disadvantaged and low-income students through the EOP program. This is available to students who meet the regular admission requirements. The program provides special assistance to some applicants who do not meet the regular admission requirements, but who can demonstrate the ability and potential to succeed at the university. EOP applications are part of the UC/CSU application.

### **AB 540, CALIFORNIA ASSEMBLY BILL 540** <http://www.ucop.edu/sas/sfs/ppolicies/ab540faqs.htm>

This is a California law that allows undocumented students who meet specified requirements to pay in-state/resident fees (tuition) for California’s public colleges and universities, including the CSU, UC and community colleges.

Who is eligible for AB 540? Students must attend high school in California for three or more years and must graduate from a California high school with a diploma or GED equivalent. The student must file an affidavit with the college or university stating that he or she will file an application with the Immigration and Naturalization Services (INS) to obtain legal permanent residency as soon as he or she is eligible. See your counselor for an application and affidavit and for further details.

# Alhambra High School "a-g" Course List

Courses taken to satisfy the "a-g" requirements must appear on the school's official University of California certified course list. The course list is updated several times a year. Check online at: [www.ucop.edu/doorways/list](http://www.ucop.edu/doorways/list) for an updated list. Underlined courses denote extra honors credit:

<b>a- HISTORY</b>	World History 1/2, 1/2 SDAIE <u>World History 1/2 (AP)</u> United States History 1/2, 1/2 SDAIE American Government/Civics American Government SDAIE <u>American Government/Civics (AP)</u> <u>European History 1/2 (AP)</u> <u>World History H</u>	<b>b- ENGLISH</b>	<b>c- MATHEMATICS</b> (* may only be used for the "c" requirement)	ALG, IA, IB 1/2, 3/4 SDAIE (2-yr sequence equal to Algebra I 1/2) *Algebra I 1/2, 1/2 SDAIE *Algebra I 1/2 (H) *Geometry 1/2, 1/2 SDAIE *Geometry 1/2 (H) *Inf. Geometry 1/2,1/2 SDAIE *Algebra II 1/2 *Algebra II 1/2 (H) *Algebra II A 1/2 *Algebra II B 1/2 Trig./Pre-Calculus 1/2 <u>Trig. /Pre-Calculus 1/2 (H)</u> <u>Calculus BC 1/2 (AP)</u> <u>Calculus AB 1/2 (AP)</u> Statistics and Probability 1/2 <u>Statistics (AP)</u>		
<b>d- LABORATORY SCIENCE</b>	Biology 1/2, 1/2 SDAIE Biology 1/2 (H) Chemistry 1/2, 1/2 SDAIE Chemistry 1/2 (H) Physics 1/2 Environmental Science 1/2 Physiology 1/2 <u>Biology 3/4 (AP)</u> <u>Chemistry 3/4 (AP)</u> <u>Environmental Science 1/2 (AP)</u> <u>Physics 1/2 B (AP)</u> <u>Physics 1/2 C (AP)</u>	<b>e- LANGUAGE OTHER THAN ENGLISH</b>	<b>f- VISUAL/PERFORMING ARTS</b> (* may only be used for the "f" requirement)	Advanced Band Advanced Choir <u>Art History 1/2 (AP)</u> * Ceramics 1/2 Ceramics 3/4, 5/6 * Concert Choir * Dance 1-4 * Drama 1/2 Drama 3-8 * Drawing and Painting 1/2 Drawing and Painting 3/4,5/6 * Handbell Choir * Instruments * Jazz Band * Mixed Choir * Study of Guitar <u>Music Theory 1/2 (AP)</u> * Oral Interpretation * Photography 1/2 * Technical Theatre I Technical Theatre II * Tri-City Orchestra		
<b>g-ELECTIVE COURSES</b> (All courses listed under a-f with the exception of courses with an asterisk*.)						
<table style="width: 100%; border: none;"> <tbody> <tr> <td style="width: 50%; border: none; vertical-align: top;">           AVID (Senior Seminar)            Classic Age/Age of Chivalry 1/2            Child Development            Debate 1/2, 3-8            Economics, SDAIE  <u>Economics (AP)</u> </td> <td style="width: 50%; border: none; vertical-align: top;">           Journalism 1/2, 3-8            Math Computer Programming 1/2  <u>Math Computer Science AB (AP)</u>            Psychology 1/2,  <u>Psychology (AP)</u>            Earth Science ½         </td> </tr> </tbody> </table>					AVID (Senior Seminar) Classic Age/Age of Chivalry 1/2 Child Development Debate 1/2, 3-8 Economics, SDAIE <u>Economics (AP)</u>	Journalism 1/2, 3-8 Math Computer Programming 1/2 <u>Math Computer Science AB (AP)</u> Psychology 1/2, <u>Psychology (AP)</u> Earth Science ½
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## FINANCIAL AID PROGRAMS FOR STUDENTS ATTENDING COLLEGE

### What is Financial Aid?

Financial aid is money to help you pay for the cost of attending college. This money comes from the federal and state governments, from private lending institutions and organizations, and from the university itself. In order to be considered for all types of financial aid, students must file the Free Application for Federal Student Aid (FAFSA) and GPA verification form by March 2<sup>nd</sup> of their senior year in high school. Apply online at <http://www.fafsa.ed.gov>.

These are web-sites with information about applying for and receiving student financial aid for college.

- [www.csac.ca.gov](http://www.csac.ca.gov) is the California Student Aid Commission's Web site for details about all the California state programs and how to apply for them.
- [www.californiacashforcollege.org](http://www.californiacashforcollege.org) lists free Cash for College workshops in your area where students and parents can get hands-on assistance filling out the FAFSA.
- [www.calgrants.org](http://www.calgrants.org) is the Cal Grant Web site, sponsored by the California Student Aid Commission, where you'll find information on all the Cal Grant awards.
- [www.edfund.org](http://www.edfund.org) provides information about money management and student loans.
- [www.fafsa.ed.gov](http://www.fafsa.ed.gov) is the web site for the Free Application for Federal Student Aid, to apply for federal and state aid. Instructions for completing the online form are available here.
- [www.californiacolleges.edu](http://www.californiacolleges.edu) provides students with information about higher education opportunities in California and how to choose a college that is right for them.
- [www.scholarshare.org](http://www.scholarshare.org) provides information about ScholarShare, California's college savings program. Families can save for college and receive tax advantages.
- [www.finaid.org](http://www.finaid.org) offers an overall look at financial aid as well as where and how to get it. Students can also take advantage of the free scholarship search service through FastWeb.
- Students applying to a private university will need to file a PROFILE application. See your counselor for details or check on-line at <http://www.collegeboard.org>
- [www.studentaid.ed.gov](http://www.studentaid.ed.gov) is the U.S. Department of Education's Student Aid on the Web, to learn more about Pell Grants and other federal aid.
- [www.houlse.gov/roybal-allard/](http://www.houlse.gov/roybal-allard/) is a scholarship directory includes internships and fellowships.

## ACADEMY PROGRAMS

- **Advancement Via Individual Determination (AVID)**
- **Academy of Future Educators (AFE)**
- **Green Construction Academy**

### **WHAT IS A CAREER ACADEMY?**

A career academy is a school-within-a-school. Most academies span the last two or three years of high school; some cover all four years. A career academy can be seen as a set of partnerships. In a career academy, teachers work as partners to coordinate the curriculum and in particular to integrate instruction in academic and technical courses.

### **Advancement Via Individual Determination (AVID) Grades 9-12** <http://www.avidonline.org/>

AVID is an academic support program at Alhambra High School for students in grades nine through twelve. This program prepares students for college eligibility and success. The AVID elective class teaches Cornell note taking, study skills, and the Socratic method of inquiry. Typical AVID students are from low-income households, the first in their family to attend college, and historically underrepresented in the four-year college system.

### **Academy of Future Educators (AFE) Grades 10-12**

AFE is an academy for students who are intrigued by teaching, curious about careers in education or who just enjoy helping others (children or peers) succeed academically. The mission of the Academy of Future Educators is to prepare Alhambra High School students for teaching careers to meet the global need for qualified teachers in this century. The Academy also supports its members in their own academic classes and helps prepare them for a smooth transition to college. The Academy gives students the opportunity to explore careers in education and gain work experience in tutoring and teaching while still in high school. The Academy trains its students to be effective tutors and supports them in their tutoring assignments in classrooms or Crossroads at AHS, at the Alhambra Civic Library, or at one of the local elementary schools. AFE students are expected to tutor at least four hours per week; these hours and tutoring sites are arranged to accommodate each student's busy schedule. The members also meet as a class on Thursdays during seventh period or on Fridays during zero period. Academy members earn up to ten elective credits per year. Students are eligible for AFE as sophomores, juniors, or seniors. They should have a GPA of 3.0 or higher. Freshmen may join AFE as a club. AFE members benefit in many ways from their increased confidence and stronger communication / interpersonal skills. Their tutoring skills are transferrable and essential to many future careers besides teaching. Students who are active members of AFE for three years earn a light blue cord to wear at graduation.

### **Green Construction Academy**

The Green Construction Academy is a new state-funded program at Alhambra High School designed to allow students with a desire to expand their post-secondary education. The student who participate within this program will gain important industry skills while they study the campus-wide A-G curriculum. During their tenure in the academy, they will receive the benefits of industry speakers, community mentors, internships, all provided within a supportive learning environment of enthusiastic teachers and personal tutoring.

## Alhambra High School Course Descriptions

The AHS courses are listed by department. To the right of each course title is an abbreviation for the graduation requirement met by that course. The graduation requirements subject areas and their abbreviations are listed in the table below:

English ( <b>EN</b> ) Elective Courses ( <b>EL</b> ) Fine Arts or Foreign Language ( <b>FA</b> ) Health and Safety ( <b>HS</b> ) Math ( <b>M</b> )  Pathways to College & Career ( <b>P</b> )	Physical Education ( <b>PE</b> ) Science ( <b>SC</b> ) <ul style="list-style-type: none"> <li>• Life/Biological (<b>SC-L</b>)</li> <li>• Physical/Earth (<b>SC-P</b>)</li> </ul> Social Science ( <b>SS</b> )
California State University (CSU) and University of California ( <b>UC</b> ) approved College Prep Courses ( <b>CSU/UC</b> )	

### BUSINESS DEPARTMENT

The following classes are elective classes. Completion of a sequence of these courses will prepare students for entry-level jobs, advanced training in a career choice, and assist them in handling personal transactions. Vocational students may earn certificates for satisfactory completion of a course sequence in Computer Science & Information Systems, Accounting and Finances, and the California Career Technical Education Model Curriculum Standards for the Marketing, Sales, and Service Industry Section.

#### **Computer Projects and Design 1/2 ROP**

**EL**

*Grade Level Option: 11, 12*

*Prerequisite: 11th and 12th grade, or 16 years of age*

*One year of keyboarding*

This is a project-oriented class where students will use problem-solving skills to analyze assignments and then select software applications needed to complete business projects. Students will learn to create professional-quality business documents using IBM compatible computers, scanners, and state-of-the-art windows applications including Microsoft Word, Publisher, Excel, PowerPoint, Access, Adobe PhotoShop, and FrontPage. Basic HTML will be introduced to design web pages. Students will learn to scan graphics and import other clip art into their documents to produce eye catching flyers, business cards, newsletters, business presentations, brochures, web pages and much more.

#### **Business Technology Core 1/2**

**EL**

*Grade Level Option: 9, 10, 11, 12*

Business Technology Core is a comprehensive course emphasizing the communication and computational skills that are essential for success in business. It serves as a foundation for further skills study in other business education courses and the career path sequence. Job skills to be covered include: record-keeping, interpersonal relations, applying for a job, communications, leadership development, decision-making, and career planning. In addition, students will develop an understanding of basic economic concepts. Computers are used to reinforce keyboarding skills and introduce office procedures.

#### **Office Occupations 1/2 ROP**

**EL**

*Grade Level Option: 11, 12, or (16 years of age; or 10th grader enrolled in a Pathway)*

This course is designed to train for entry-level positions in business/clerical occupations. Training is available for specific job titles on three instructional levels including Office Assistant, Computer

Applications Specialist, Word Processing Specialist, Secretary Trainee, and more. Certificates will be issued upon achievement in each job title. Students will have an opportunity to obtain a part-time job.

### **Business Law 1/2**

**EL**

*Grade Level Option: 11, 12*

*Entry Level: Semester entry permitted*

This course familiarizes the student with basic principles of the legal aspects of activities in which consumers engage in everyday life. Also included in this course are contracts, negotiable instruments, wills, fair trade laws, labor laws, consumer protection awareness, terms of employment, and criminal law.

### **Accounting-Computer 1/2 ROP**

**M, EL**

*Grade Level Option: 11, 12, or (16 years of age; or 10th grader enrolled in a Pathway)*

Students will be introduced to the [principles and processes involved in manual, double-entry accounting systems. Computer applications will be integrated throughout the course as they learn the accounting cycle, including how to prepare and interpret financial reports. Accounting simulations and job search skills representative of industry standards will be utilized in preparing students for entry-level jobs.

### **Accounting-Computer 3/4**

**M, EL**

*Grade Level Option: 11, 12*

This course is designed for students who plan a career in accounting or business administration. Emphasis will be placed on analysis of financial data. Students will use computers with electronic spreadsheet and accounting software to reinforce and enhance accounting principles.

### **Computer Programming 1/2**

**EL, CSU, UC**

*Grade Level Option: 10, 11, 12*

*Prerequisite: Algebra I with a "C" or better or teacher approval*

This course covers the structured methodology of program design, development, testing, implementation, and documentation of applications using BASIC, QBasic, and Visual Basic. The course content includes file input/output, sorting, Boolean search, working with controls, windows button menus, multiple forms, and databases.

### **Computer Literacy and Applications 1/2**

**EL**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: One semester of keyboarding or keyboarding ability (30+wpm)*

*Entry Level: Semester entry permitted*

This course focuses on understanding the computer, how it works and how it can be used in the home, in school, and in business. Concepts are reinforced with hands-on computer applications projects. This course includes the study of Microsoft Word, Excel, Access, PowerPoint, and on-line information retrieval. This course is recommended for college and career preparation.

### **Computer Applications (Beginning) 1/2 ROP**

**EL**

*Grade Level Option: 11, 12, or (16 years of age; or 10th grader enrolled in a Pathway)*

*Prerequisite: One semester of keyboarding or keyboarding ability*

*Entry Level: Semester entry permitted*

This course is designed to prepare students for entry-level jobs. Keyboarding skills will be reinforced. Students will learn computer-processing concepts, computer terminology, and receive "hands-on" training in electronic spreadsheets, word processing, and database management. Software applications will include Microsoft Word, Excel, Access and PowerPoint.

**Computer Keyboarding 1****EL***Grade Level Option: 9, 10, 11, 12**Prerequisite: None**Length of Course: One semester*

This course is designed for the beginning student. It is an introductory, one-semester course designed to teach touch typing techniques. Students will learn to keyboard simple reports, tables, letters, and memos. This course is recommended for college preparation as well as personal use. Vocational students are encouraged to enroll in Keyboarding/Applications 1/2.

**Computer Keyboarding/ Applications 1/2, SDAIE 1/2****EL***Grade Level Option: 9, 10, 11, 12**Entry Level: Semester entry permitted*

In semester one, students will learn the keyboard using the touch method. Proper technique and skill building will be emphasized. Students will learn to use a simple word processing program to produce letters, reports, and tables. Second semester will reinforce keyboarding skills and introduce simple applications such as database, spreadsheet, and PowerPoint. This course is recommended for college preparation as well as for vocational and personal use. This is a recommended course for all career path sequences.

**Digital Media 1/2****EL***Grade Level Option: 9, 10, 11, 12**Prerequisite: Computer Keyboarding or Computer Applications**Length of Course: One year*

Students in this course will learn to take creative control of their research and presentation projects. Digital images, manipulated with photo editing software, will be used in PowerPoint presentations, and inserted into Word, Excel, and Publisher files. Web page and video design (principles) will be introduced and applied using Dreamweaver, Flash, and Adobe Photoshop. UC "g" credit is pending for this course.

**Economics and Entrepreneurship 1/2****EL, SS, (CSU, UC, "g")***Grade Level Option: 9, 10, 11, 12**Length of Course: One year*

The course emphasizes entrepreneurship and the principles and practices of effective small business management. Students will also receive instruction in basic economic concepts of microeconomics, macroeconomics, economic systems, and international trade.

**Finance 1/2****EL***Grade Level Option: 9, 10, 11, 12**Length of Course: One year*

This course is designed to provide students with the skills and knowledge required to develop a financial plan or their lives. Units include: goal setting and budgeting, savings and bank instruments, stocks, bonds, mutual funds and exchanged traded funds, real estate, collectibles, risk management/insurance, automobile purchasing and ownership, retirement and estate planning, and taxation. Students will maintain a financial journal and create Internet research based multimedia projects.

**International Business****EL, (CSU, UC, "g")*****Grade Level Option: 9, 10, 11, 12******Prerequisite: None******Length of Course: One semester***

This course will provide students with knowledge of how businesses operate within today's global economy. Students will explore how companies import and export goods, trade relations and agreements, foreign exchange, global marketing, laws in other countries, cultural influences on business, and other aspects of doing business internationally. The course will address the California Career Technical Education Model Curriculum Standards for the marketing, Sales, and Service Industry Section: with primary emphasis on the Career of International Trade.

**Marketing****EL (UC, "g")*****Grade Level Option: 9, 10, 11, 12******Prerequisite: Computer proficiency of 30 words per minute******Length of course: One Semester***

This course will provide students with an understanding of marketing principles and practices they are exposed to daily as businesses develop, promote, and distribute products to satisfy customers' needs and wants. This course will address the California Career Technical Education Model Curriculum Standards for the Marketing, Sales, and Service Industry Section: with primary emphasis on the career pathway of Professional Sales and Marketing; and related career pathways in E-commerce, Entrepreneurship, and International Trade.

**Student Bank 1/2****EL*****Grade Level Option: 10, 11 12******Prerequisite: Teacher Approval******Entry Level: Semester entry permitted******Grading: Pass/fail***

This course provides a work force for the student bank and enables workers to gain practice in routine tasks of performing store duties and handling cash. Completion of the course should provide pupils with improved poise and security in the handling of money and in dealing with people.

**Virtual Enterprise 1/2 ROP****EL*****Grade Level Option: 11, 12 (or 16 years of age; or 10th grader enrolled in a Pathway)******Length of Course: One year******(Students with accounting, office, computer, photography, and art skills preferred, but not mandatory.)***

In this one-year Virtual Enterprise course, students will be part of a simulated business that is set up and run by students to prepare them for working in a real business environment and/or pursuing a college business degree. Through quarterly tasks, students determine the nature of their business, its products and services, its management and structure, and learn the daily operations of a business. Emphasis is placed on using current business software packages and the Internet for business transactions.

**Web Design 1/2****EL*****Grade Level Option: 9, 10, 11, 12******Prerequisite: Keyboarding Skills******Entry Level: Semester entry permitted***

The Web Design course is designed to introduce the elements of basic graphic design and creative and technical methods to prepare students for additional training in the field of art and design. This training may

include, but is not limited to, design analysis (critiquing), color theory, the use of technology for the execution of artistic ideas, web architecture, the development of personal creativity, technological and design history, and techniques in the use of trade tools (including HTML coding, software, and hardware).

**Web Design 1/2 ROP**

**EL**

*Grade Level Option: 11, 12 (or 16 years of age; or 10th grader enrolled in a Pathway)*

*Prerequisite: Keyboarding Skills*

*Entry Level: Semester entry permitted*

The Web Design course is designed to introduce the elements of basic graphic design and creative and technical methods to prepare students for additional training in the field of art and design. This training may include, but is not limited to, design analysis (critiquing), color theory, the use of technology for the execution of artistic ideas, web architecture, the development of personal creativity, technological and design history, and techniques in the use of trade tools (including HTML coding, software, and hardware).

## CONSUMER FAMILY LIVING DEPARTMENT

The Consumer Family Living Department courses are designed for students to develop basic living skills, as well as skills that have vocational application and enrich personal life. The Consumer Family Living Department offers two certificate programs, which lay a foundation for future employment.

### These Career Paths are outlined below:

#### **Child Care and Education:**

This path is for students interested in careers in preschool, elementary or high school instructional aide or teaching and other career fields related to nurturing children and youth.

#### **Course Sequence:**

- ◆ Introduction to Consumer Family Living (Teen Living)
- ◆ Marriage and Family
- ◆ Parenting
- ◆ Child Care (ROP)

#### **Fashion Design, Manufacturing and Merchandising:**

This path provides a foundation for fashion careers such as fashion and textile design, apparel, and textile manufacturing, fashion illustrators, and fashion coordination.

#### **Course Sequence:**

- ◆ Introduction to Consumer Family Living (Teen Living)
- ◆ Fashion 1/2
- ◆ Fashion Coordination/Merchandising (ROP)

## CONSUMER FAMILY LIVING COURSES

### **Fashion 1/2**

**EL**

*Grade Level Option 9, 10, 11, 12*

*Entry Level: Semester entry permitted*

Fashion is an introductory course to the world of fashion. Fashion design, color coordination, fabric construction and care, and wardrobe management are studied. A minimum of two clothing construction projects are required that introduce students to using patterns, operation of a sewing machine, and basic sewing skills. The fashion industry and related careers are explored.

### **Fashion 3-6**

**EL**

*Grade Level Option 10, 11, 12*

*Prerequisite: Fashion 1/2*

*Entry Level: Semester entry permitted*

In this second year course, sewing project choices are flexible and students work with more difficult patterns and fabrics (wool, silky fabrics, knits) and more advanced sewing construction techniques. Projects are selected with consideration for wardrobe needs and level of sewing skill. Other topics studied are career opportunities, entry-level job skills, fabric study, purchasing techniques, and wardrobe development.

**Foods 1/2****EL***Grade Level Option: 10, 11, 12**Entry Level: Semester entry permitted if Foods taken in Introduction to Consumer Family Living (Teen Living)*

Food preparation labs cover a wide range of foods and cooking techniques. Consumer issues, good nutrition, career application, and entertaining are also included. Job entry-level skills for the food industry are developed.

**Introduction to Consumer Family Living (Teen Living)****EL***Grade Level Option: 9, 10**Entry Level: Semester entry permitted*

This exploratory course covers the basics of home economics and consumer education. Units include nutrition and foods, personal and social relationships, care of the young child, interior design, sewing, purchasing skills and career explorations.

**Child Development****EL, CSU, UC***Grade Level Option: 10, 11, 12*

In this course students study the developmental stages of children from conception through adolescence, including the principle theories of development and their application. It is a course that is relevant to all students whatever their goals. Students will gain a better understanding of the child and the tremendous responsibility adults have when working with children from infancy through school age.

**Culinary Arts 1/2****EL***Grade Level Option: 10, 11, 12**Length of Course: One semester*

This course is designed to teach the specialized skills of gourmet food preparation and an appreciation for foods served with flair. Lab techniques will cover such areas as appetizers, holiday meals, fancy fruits and vegetables, party foods, and gourmet desserts. There will be an emphasis on etiquette and the proper way to entertain. Job entry skills for the food industry are developed. It is part of a year course; students take Foreign Foods during the opposite semester.

## ENGLISH DEPARTMENT

Alhambra High School’s English courses are designed to incorporate state standards into all courses. Four years (40 credits) of English are required for students to demonstrate competence in listening and speaking skills, academic research, advanced reading comprehension, language usage and writing, literary interpretation and analysis, and critical thinking. Since English forms the basis of nearly all academic disciplines, the ability to read, analyze, and draw conclusions from written language is necessary for students to succeed in their studies of other disciplines.

**Placement Criteria for Honors/AP English Courses: Placement Criteria for Honors/AP Mathematics Courses: Alhambra Unified School District and the school Board of Education are committed to open enrollment in Honors and Advance Placement classes. The Board policy on Honors/Advance Placement encourages all students to challenge themselves academically and enables students to be more competitive when applying for admission to postsecondary institutions. The Governing board shall provide opportunities for college-level coursework and will prepare interested high school students to participate in Advance Placement examinations. See Board Policy and Administrative Regulations for further detail.**

The criteria for placement in all English Honors and Advanced Placement courses have been standardized for Alhambra Unified School District. Students interested in taking these courses must meet the following criteria.

<p><b>Eighth grade students meeting one of the following criteria are encouraged to enroll in English 1/2 Honors</b></p> <ol style="list-style-type: none"> <li>1. Any student <b>scoring Advanced on 7th Grade California Standards Test (CST) Language Arts.</b> *</li> <li>2. Any <b>AVID student scoring Proficient on CST Language Arts.</b> *</li> <li>3. Any student scoring <b>Proficient on CST Language Arts</b> with a score of <b>80<sup>th</sup> percentile or higher in Reading on the CAT-6.</b></li> <li>4. Any student meeting the <b>criteria in #1, 2, or 3</b> above must also have a “C” or better on the <b>2<sup>nd</sup> and 3<sup>rd</sup> trimesters</b> (Alhambra USD) or <b>1<sup>st</sup> and 2<sup>nd</sup> semesters</b> in the 8<sup>th</sup> grade English language Arts (Garvey School District.)</li> <li>5. <b>Teacher recommendation</b> for students not meeting the above criteria who demonstrate strong writing ability.</li> </ol> <p><small>* Any student who falls back one or more CST performance levels based on their 8<sup>th</sup> grade CST Language Arts score will be removed in August from the placement list.</small></p>	<p><b>Students currently enrolled in English Honors/AP courses with:</b></p> <p>A <b>grade of A or B in current English Honors/AP course</b> may enroll in Honors/AP for the next school year.</p> <p><b>No other information is needed.</b></p>	<p><b>Students <u>not</u> currently enrolled in an English Honors/AP course</b> applying for, English 3/4 Honors, English 5/6 Honors, or English Literature and Comprehension 7/8 AP must:</p> <p><b>1. Consider one of the following:</b></p> <p>A <b>grade of A or B</b> in regular English course</p> <p><b>OR</b></p> <p>Be listed in the <b>top 20% of the school’s grade level on the CAT-6</b> in Total Reading or Language.</p>
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Information about Honors/AP opportunities for students can be obtained from English teachers, Counselors, AVID Coordinators and School Community Coordinators.

**Honors/AP placement from other schools will be honored.**

## ENGLISH DEPARTMENT COURSES

### **English 1/2**

**EN, CSU, UC**

#### ***Grade Level Option: 9***

Students study the short story, Shakespearean drama, poetry, non-fiction, and the novel. Study of these forms provides the basis for student writing in a variety of modes, which reflect the California State Standards in the language arts. In addition, students respond to literature through speaking and listening activities. Students study vocabulary, conventions of grammar, punctuation, and spelling.

### **English 1/2 Honors**

**EN, CSU, UC**

#### ***Grade Level Option: 9***

***Entrance Criteria: See page 27 for the District standardized entrance criteria for English Honors and AP courses.***

Students participate in an intensive study of the short story, Shakespearean drama, poetry, nonfiction, and the novel. Study of these forms provides the basis for student writing in a variety of modes, which reflect the California State Standards in the language arts. Students will write compositions that demonstrate higher-level analytical skills. In addition, students respond to literature through speaking and active listening. Students study vocabulary, conventions of grammar, punctuation, and spelling.

### **English 3/4**

**EN, CSU, UC**

#### ***Grade Level Option: 10***

Students study poetry, non-fiction, the epic, Shakespeare's works, and the novel to enrich their literary experience. Study of these forms provides the basis for student writing in a variety of modes, which reflect the California State Standards in the language arts. Students study vocabulary, conventions of grammar, punctuation, and spelling.

### **English 3/4 Honors**

**EN, CSU, UC**

#### ***Grade Level Option: 10***

***Entrance Criteria: See page 27 for the District standardized entrance criteria for English Honors and AP courses.***

Students participate in an intensive study of poetry, non-fiction, the epic, the literary essay, a Shakespearean and Greek drama and the novel to enrich their literary experience. Study of these forms provides the basis for student writing in a variety of modes, which reflect the California State Standards in the language arts. Particular emphasis is placed on analytical essays responding to literature. Students study writing style, vocabulary, and advanced grammar.

### **American Literature (English 5/6)**

**EN, CSU, UC**

#### ***Grade Level Option: 11***

Students study American poetry, non-fiction, drama, the short story and the novel with a particular emphasis on the American experience and how writers observe various aspects of that experience. Study of these forms provides the basis for student writing in a variety of modes, which reflect the California State Standards in the language arts. Students study vocabulary, conventions of grammar and punctuation, and writing style.

## **English Language and Composition 5/6 Advanced Placement**

**EN, CSU, UC**

### ***Grade Level Option: 11***

This course is an intensive and demanding study of language and composition focusing primarily on nonfiction works within the scope of a college Freshman English class. Students will analyze the techniques of argument and persuasion used by a writer to determine the author's purpose. The works examined are not limited exclusively to nonfiction, but will include **HOW** fiction authors employ rhetorical strategies to achieve purpose. In order to enable students to write confidently across the curriculum, emphasis is placed on close reading and analysis of complex texts with enough depth and understanding to communicate its meaning effectively through the various modes of writing. Because visual imagery is just as significant as written text in decoding messages, works of art and pictures from advertising will be included in the analytical process. This course should not be viewed merely as a test prep course, but as an opportunity for students to improve and personalize their writing skills while becoming involved with literature, with speeches, with editorials, with political rhetoric—their meaning, form, function and depth. The ultimate purpose is to prepare students to become not only a “citizen rhetor” of the world, but as Plato would assert, the “informed citizen” as well.

## **World Literature (English 7/8)**

**EN, CSU, UC**

### ***Grade Level Option: 12***

Students study world literature—poetry, non-fiction, Shakespearean drama, the short story and the novel—with a particular emphasis on social and cultural comparison and universal literary themes. Study of these forms provides the basis for student writing in a variety of modes, which reflect the California State Standards in the language arts. Students study advanced vocabulary, writing style, critical reading, and composition skills.

## **English Literature and Composition 7/8 Advanced Placement**

**EN, CSU, UC**

### ***Grade Level Option: 12***

***Entrance Criteria: See page 27 for District standardized entrance criteria for English Honors and AP courses.***

Students participate in an intensive study of world literature—poetry, Shakespearean drama, the literary essay and the novel—with a particular emphasis on those skills necessary for the AP English Literature and Composition Exam. Study of these forms provides the basis for student writing in a variety of modes, which reflect the California State Standards in the language arts. Particular emphasis is placed on analytical essays responding to literature.

## **English Elective Courses**

### **Journalism 1/2**

**EL, CSU, UC**

#### ***Grade Level Option: 9, 10, 11, 12***

This course introduces students to the field of journalism in theory and practice, including its technical, production, and business aspects. Students learn the place of newspapers in our society, survey career opportunities in journalism, and learn basic skills necessary for writing and producing a newspaper.

### **Journalism 3/4, 5/6, 7/8**

**EL, CSU, UC**

#### ***Grade Level Option: 10, 11, 12***

***Prerequisite: Journalism 1/2 or 3/4 or 5/6 or approval of advisor***

The work in these courses consists entirely of researching, writing, and copy-editing articles on student-generated topics for publication in the student newspaper. Students will become knowledgeable in the use of

computer technology in skills ranging from word processing to computer-assisted layout and graphic design. Students are required to develop consistent work habits, work collaboratively with others, and meet deadlines. Student editors are assigned based on ability and experience.

**Yearbook 1/2, 3/4, 5/6**

**EL**

***Grade Level Option: 9, 10, 11, 12***

***Prerequisite: Interview with and approval of instructor***

The school's yearbook, *The Alhambran*, is designed, written, prepared for publication, and sold by the students in this course. Students must be responsible, meet deadlines, develop consistent work habits, and work effectively with others. Writing, design, computer word processing and layout, photography, organization and teamwork are essential components.

## READING COURSES

Students with qualifying CST scores are required to enroll in the appropriate reading course. Placement is based multiple criteria including: AUSD 8th grade reading test, *Oral Reading Assessment (ORA)*, Word reading, *San Diego Quick Assessment (SDQ)*, Word reading and Comprehension, *Scholastic Reading Inventory (SRI)* and the California Achievement Test (**CAT-6**). There are specific exit criteria for each reading class.

### **READ 180 C**

**EL**

*Eligibility: Placement in this class is determined by multiple criteria: CAT-6 0-25%, ORA Levels 1-28, SDQ Pre-Primer-Grade 5, SRI Lexile levels BR-799*

This is a two-period class for students who need help with reading comprehension skills/strategies, word study and spelling. Approach is diagnostic with small group and individual direct instruction.

### **Stretch**

**EL**

*Eligibility: Placement in this class is determined by multiple criteria CAT-6 26-39%, SDQ Grades 6-8, SRI Lexile levels 800-1000*

This one-period class emphasizes vocabulary and comprehension.

## ENGLISH LANGUAGE DEVELOPMENT/(ELD) DEPARTMENT

The ELD Department offers a sequence of courses designed to enable non-English-speaking or limited English-speaking students to acquire English communication and academic skills. Students are given a District placement test to determine their level of fluency in the English language and then are assigned to classes at the appropriate level. Students remain in the program until they gain an adequate level of English proficiency, at which time they are mainstreamed into regular English classes.

### **Structured English Immersion 1/2**

**EN, EL**

*Prerequisite: District placement test Entry Level; Semester entry permitted*

This Structured English Immersion (SEI) course is designed for students new to English. This course emphasizes five standards – listening, speaking, reading, writing, and cross-curricular study. Structured English Immersion 1/2 is a two-hour block.

### **Structured English Immersion 3/4**

**EN, EL**

*Prerequisite: Successful completion of SEI 1/2 or Placement Test Entry Level; Semester entry permitted*

This Structured English Immersion (SEI) course is designed for English language learners who have been in the United States for five years or less or who are recommended for or placed in the program according to District criteria. This course emphasizes five standards – listening, speaking, reading, writing, and cross-curricular study skills. Structured English Immersion 3/4 is a two-hour block.

### **Structured English Immersion 5/6**

**EN, EL**

*Prerequisite: Successful completion of SEI 3/4 or Placement Test Entry Level; Semester entry permitted*

This Structured English Immersion (SEI) course is designed for English language learners who have been in the United States for five years or less, or who are recommended for or placed in the program according to the District criteria. The course emphasizes all five-language skills – listening, speaking, reading, writing and cross-curriculum study skills. The course prepares students for mainstream environments. Structured English Immersion 5/6 is a two-hour block.

### **Structured English Immersion 7/8 Reading**

**EN, CSU, UC**

*Prerequisite: Successful completion of SEI 5/6 or Placement Test Entry Level; Semester entry permitted*

This Structured English Immersion (SEI) course is designed for English language learners who have been in the United States for five years or less, or who are recommended for placed in the program according to District criteria. The course develops academic skills through analysis, reflection, research, discussion and composition. This course must be taken concurrently with Structured English Immersion 7/8 Writing.

### **Structured English Immersion 7/8 Writing**

**EN, CSU, UC**

*Prerequisite: Successful completion of SEI 5/6 or Placement Test Entry Level; Semester entry permitted*

This Structured English Immersion (SEI) course is designed for English language learners who have been in the United States for five years or less, or who are recommended for placed in the program according to District criteria. The course develops academic skills through reading, discussion, analysis, reflection, and the writing processes (including drafting, revising, and editing). This course must be taken concurrently with Structured English Immersion 7/8 Reading.

### **SEI Creative Dramatics**

**EL**

*Grade Level Option: 9, 10, 11, 12*

*Co-requisite: SEI 1/2, Semester entry permitted*

Through creative dramatic game activities, skits, and performances, students will develop and practice their

English listening and speaking skills. This supports the Listening and Speaking 1.0 & 2.0 Strategies and Applications – Comprehension, Organization and Delivery of Oral Communications as set by the State ELD Standards.

**SEI 3/4 Content Preparation**

**EL**

***Grade Level Option: 9, 10, 11, 12***

***Co-requisite: SEI 3/4, Semester entry permitted***

This Structured English Immersion (SEI) course is designed for students new to English to better prepare their academic vocabulary in the areas of geography and U.S. History. The course prepares English learners for success in SDAIE (Specially Designed Academic Instruction in English) content classes.

**SEI 1/2 Creative Dramatics**

**EL**

***Grade Level: 9, 10, 11, 12***

***Co-requisite: SEI 1/2, semester entry permitted***

This course integrates creative dramatic exercises and games with the thematic lessons taught in SEI 1/2 as presented through the district-adopted texts. Through a sequential plan, students will learn the components of verbal expression through acting activities. These skills include listening, using facial expressions, gestures, and body movements to make their meanings clear when expressing themselves in English. Vocabulary from SEI 1/2 is incorporated into theatre games and activities. This course is recommended for ELD students who need to improve their English listening and speaking skills in daily communication. This course is designed to meet the State ELD Standards 1.0 and 2.0 for listening and speaking.

**SEI 1/2 Content Preparation**

**EL**

***Grade Level: 9, 10, 11, 12***

***Co-requisite: SEI 1/2; semester entry permitted***

SEI 1/2 Content Preparation is a content-based English language development elective that must be taken concurrently with SEI 1/2. The course is based on the California English language development standards for beginning English learners. The course is designed to develop students' academic language skills with a focus on science and the scientific method. Students learn what science is, what scientists do, and the use of the scientific method. They practice science reading strategies and study units on the human body, plants, animals, bio-systems, landforms, rocks and minerals, planets and stars, matter, and sound and light. The course emphasizes science-related vocabulary and concepts learned through interactive, hands-on strategies.

**SEI 3/4 Content Preparation**

**EL**

***Grade Level: 9, 10, 11, 12***

***Co-requisite: SEI 3/4; semester entry permitted***

SEI 3/4 Content Preparation is a content-based English Language Development elective that must be taken concurrently with SEI 3/4. The class is based on the California English Language Development Standards for Early Intermediate Language Learners. The course is designed to develop students' academic language skills with a focus on geography and U.S. history. Non-fiction reading strategies and study skills are developed and practiced.

## FOREIGN LANGUAGE DEPARTMENT

Foreign language study is to provide students with opportunities to acquire communication skills beyond the limits of their native language and culture. Students with advanced language ability may receive credit by examination at the time of enrollment.

**Placement Criteria for AP World Language Courses: Alhambra Unified School District and the school Board of Education are committed to open enrollment in Honors and Advanced Placement classes. The Board policy on students to be more competitive when applying for admission to postsecondary institutions. The Governing board shall provide opportunities for college-level coursework and will prepare interested high school students to participate in Advance Placement examinations. See Board Policy and Administrative Regulations for further detail.**

The criteria for placement in all foreign language Advanced Placement courses have been standardized for Alhambra School District. Students interested in taking these courses must meet the following criteria:

### Spanish Language 1/2 AP

*Grade Level Option 10, 11, & 12*

*An application is **not** required.*

**Requirement for Standard Spanish Student:**

*Completion of Spanish 1/2, 3/4, and 5/6 or 3 years.*

**Requirement for Heritage/Native Spanish speaking students:**

*Completion of Spanish NS 1/2, 3/4, and 5/6. (Some students may be allowed to skip 5/6 with teacher recommendation.)*

### Spanish Literature 1/2 AP

*Grade Level Option 10, 11, & 12*

*An application is **not** required.*

**Requirements:**

*Completion of Spanish Language 1/2 AP and teacher recommendation.*

### Chinese AP

*Grade Level Option 10, 11, & 12*

*An application is **not** required.*

**Requirement for Standard Chinese Student:**

*Completion of Mandarin 1/2, 3/4, and 5/6 or 3 years.*

### French AP

*Grade Level Option 10, 11, & 12*

*An application is **not** required.*

**Requirement for Standard French Student:**

*Completion of 5/6, 7/8 or 2 years.*

### Japanese AP

*Grade Level Option 10, 11, & 12*

*An application is **not** required.*

**Requirement for Standard Japanese Student:**

*Completion of Japanese 1/2, 3/4, and 5/6 or 3 years.*

Information about AP opportunities for students can be obtained from foreign language teachers, counselors, and AVID Coordinator.

AP placement from other schools will be honored.

### **French 5/6**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: French 3/4 or credit by examination*

This course is designed to develop effective use of the language in oral and written expression. Cultural, historical and literary reading selections provide greater understanding of the French-speaking people. The class is conducted in French. This course is a prerequisite for French 7/8.

### **French 7/8**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: French 5/6 or credit by examination*

This course is designed to make effective use of the language in oral and written expression. Students explore art, architecture, music, science and literature of the language and their influence on other cultures.

### **French 1/2 Advanced Placement**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: French 5/6 or credit by examination*

This course is designed to prepare the student to pass the Advanced Placement Test in French. The course covers the equivalent of a third-year college course in advanced grammar, composition, and literature. The course seeks to develop the language skills of composition, reading and literary analysis.

### **Japanese 1/2**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

This course is designed to develop basic communication skills for beginning students. The emphasis is on developing listening and speaking skills with meaningful input. Students are allowed to progress naturally through the developmental stages: comprehension, early production, and speech emergence. Reading, writing, and cultural awareness are introduced as well.

### **Japanese 3/4**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Japanese 1/2 or credit by examination*

This course is designed to strengthen skills acquired in first year. Additional vocabulary is acquired and basic structures are reinforced. Stress continues to be on communication in spoken and written form. Reading selections and audiovisual material expose students to the culture and civilization.

### **Japanese 5/6**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Japanese 3/4 or credit by examination*

This course is designed to develop the more complex grammatical patterns of oral and written expression. Cultural, historical and literary reading selections provide greater understanding of Japanese-speaking people.

### **Japanese 7/8**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Japanese 5/6 or credit by examination*

This course is designed to enable students to make effective use of the language in oral and written expression. Students explore art, architecture, music, science and literature of the language and their

influence on other cultures.

### **Japanese 1/2 Advanced Placement**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Japanese 5/6 or credit by examination*

This course is designed to prepare the student to pass the Advanced Placement Test in Japanese. The course covers the equivalent of a third-year college course in advanced grammar, composition, and literature. The course seeks to develop the language skills of composition, reading and literary analysis.

### **Mandarin 1/2**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

This course is designed to develop basic communication skills for the beginning student. The emphasis is on developing listening and speaking skills through the use of meaningful input. Students are allowed to progress naturally through the developmental stages: comprehension, early production, and speech emergence. Reading, writing, and cultural awareness are introduced as well.

### **Mandarin 3/4**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Mandarin 1/2 or credit by district examination*

This course is designed to strengthen skills acquired in first year. Additional vocabulary is acquired and basic structures are reinforced. Stress continues to be on communication in spoken and written form. Reading selections and audiovisual material expose students to the culture and civilization.

### **Mandarin 5/6**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Mandarin 3/4 or credit by district examination*

This course is designed to develop the more complex grammatical patterns of oral and written expression. Cultural, historical and literary selections provide greater understanding of the Mandarin Chinese-speaking people. The class is conducted in Mandarin Chinese as much as possible.

### **Mandarin 7/8**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Mandarin 5/6 or district examination by credit*

This course is designed to make effective use of the language in oral and written expression. Students explore art, music, science and literature of the language and their influence on other cultures.

### **Chinese 1/2 Advanced Placement**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Chinese 5/6 or credit by district examination*

This course is designed to prepare the student to pass the Advanced Placement Test in Chinese. The course covers the equivalent of a third-year college course in advanced grammar, composition, and literature. The course seeks to develop the language skills of composition, reading and literary analysis.

### **Spanish 1/2**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

This course is designed to develop basic communication skills for the beginning student. The emphasis is on developing listening and speaking skills through the use of meaningful input. Students are allowed to progress naturally through the developmental stages: comprehension, early production, and speech

emergence. Reading, writing, and cultural awareness are introduced as well.

### **Spanish 1/2 Native Speaker**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Spanish placement district Spanish test/or teacher/counselor approval*

This course is designed for the native speaker of Spanish. Student will develop the basic language skills in reading, writing, and grammar in the Spanish language. Elements of culture found in the many Spanish-speaking countries are introduced.

### **Spanish 1/2 Heritage**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

This course is designed for the English speaker who has limited Spanish, and students who have grown up in the United States in a Spanish-speaking environment but whose dominant language is English. Students will acquire proficiency in Spanish, learn about Hispanic culture, and strengthen pride in their cultural origins. Students will develop the basic language skills in reading, writing and grammar in the Spanish language.

### **Spanish 3/4**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Spanish 1/2 or credit by district examination*

This course is designed to strengthen skills acquired in first year. Additional vocabulary is acquired and basic structures are reinforced. Stress continues to be on communication in spoken and written form. Reading selections and audiovisual material expose students to the culture and civilization.

### **Spanish 3/4 Native Speaker**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Spanish 1/2 Native Speaker or credit by district examination*

This course is designed for the native speaker of Spanish. Its purpose is to improve upon the skills of reading, writing and grammar in the Spanish language. It emphasizes elements of culture found in the many Spanish-speaking countries of the world, thereby expanding the student's consciousness of other peoples and customs.

### **Spanish 5/6**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Spanish 3/4 or credit by district examination*

This course is designed to develop effective use of the language in oral and written expression. Cultural, historical and literary reading selections provide greater understanding of the Spanish-speaking people.

### **Spanish 5/6 Native Speaker**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Spanish 3/4NS, or credit by district examination*

This is an advanced course of study of Spanish-speaking cultures. This course integrates thematically art, music, history, and literature. Contemporary institutions are studied from a socio-historical perspective through readings, documentaries, and recordings.

### **Spanish 7/8**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Spanish 5/6 or credit by district examination*

This course is designed to make effective use of the language in oral and written expression. Students explore art, architecture, music, science and literature of the language and their influence on other cultures.

The class is conducted in Spanish.

**Spanish Language 1/2 Advanced Placement**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Spanish 4, Grade A or Credit by district examination or Spanish 6, Grade B or better or Credit by examination. See page 33 for district policy.*

This course covers the equivalent of a third-year college course in advanced Spanish composition and conversation. It stresses oral skills, composition and grammar. The course seeks to develop language skills that are useful in themselves and that can be applied to various activities and disciplines rather than to the mastery of any specific subject matter. Extensive training in the organization and writing of compositions is an integral part of the course.

**Spanish Literature 1/2 Advanced Placement**

**FA, EL, CSU, UC**

*Grade Level Option: 10, 11, 12*

*Prerequisite: Spanish Language, 5/6 NS and/or approval of teacher. See page 33.*

This course is designed to prepare the student to pass the Advanced Placement Test in Spanish Literature. The course covers the equivalent of a third-year college course in advanced grammar, composition, and literature. The course seeks to develop the language skills of composition, reading and literary analysis.

## INDUSTRIAL TECHNOLOGY

The goals of the Industrial Technology Department are to give students the opportunity to develop entry-level job skills, learn basic skills for advanced training, and develop skills in the safe use of tools and machines for personal use.

### **Exploratory Industrial Technology, SDAIE**

**EL**

*Grade Level Option: 9*

*Entry Level: Semester entry permitted*

This survey course provides ninth grade students with hands-on training in a variety of technical arts courses including: Auto, Drafting, Electronics, and Woods. Students spend approximately six weeks in each subject area.

## COMPUTER AND ELECTRONICS TECHNOLOGY

### **Introduction To Electronics AB**

**EL**

*Grade Level Option: 9, 10, 11, 12*

Introduction to Electronics A/B: is intended for students who are taking their first course in electronics. The content of this course is suitable for community colleges, technical institutes, and beginning electronics-engineering technology programs. This course provides thorough, comprehensive and practical coverage of basic electrical and electronics concepts that include DC circuits, magnetism, and AC circuits. This includes circuit analysis problems (DC networking theorems and AC complex problems).

### **Computer Repair and Servicing A+**

**EL**

*Grade Level Option: 10, 11, 12*

*Prerequisite: Algebra I*

Computer Repair and Servicing A+ is intended for students who desire to gain experience and Certification in the field of Information Technology, Engineering, and Networking. The course content is suitable for community colleges, technical institutes, and engineering technology programs. This course provides thorough, comprehensive and practical coverage of the basic computer hardware and operating systems concepts necessary in the world of Information Technology with emphasis on troubleshooting, problem solving and critical analysis. Troubleshooting, problem solving and critical analysis.

### **Network Design and Internet Working**

**EL**

*Grade Level Option: 10, 11, and 12*

*Prerequisite: English and Math*

This course covers basic network design and internetworking fundamental concepts with an emphasis on CISCO technology. Also covered is the OSI model, industry protocol standards, use of IP addressing, subnet masks, and basic networking components. Covered in this course is basic router installation and configuration with an emphasis on CISCO technology.

## **Mechantronics/Robotics**

*Grade Level Option: 11, 12*

*Prerequisite: Algebra, Geometry (enrolled in Algebra II, or Trig).*

Lab projects based course covering analog and digital devices, the bread boarding of circuits, and computer system components, with student participation in the development of robotics. Two days per week will be spent in doing lab work. Initial labs will build experience in bread boarding practical circuits. Mechanisms are studied and used to design simple machines. Computer system components and functions are covered and use as part of the experiment data gathering system labs. Then student teams will develop robotic components, learn how to prototype their experiments during the labs. Selected experiments with semiconductors, op amps, linear integrated circuits, and switching power supplies. In the computer system area, additional topics are: single chip microcomputers, transducers, and data acquisition systems. A variety of engineering science topics is covered in preparation for student chosen experiment designs.

## **WOOD TECHNOLOGY**

### **Woodworking Technology 1/2, 3-8**

**EL**

*Grade Level Option: 11, 12*

This introductory technology course emphasizes is on the acquisition of woodworking knowledge and skills through the hands-on process of manufacturing such projects as a table, an "amazing" folding chair and stool, etc. Students will understand planning and layout processes, using tools and machines to process materials safely, following standard assembly procedures, and performing finishing processes.

### **Furniture Design**

**EL**

*Grade Level Option: 11, 12*

*Prerequisites: Woodworking Technology 1/2*

This course is a technical and aesthetic exploration of three-dimensional design through the media of wood, metal glass, plastic and casting resins, with an emphasis on the artistic expressive possibilities of furniture. Included in the course will be basic drawing and planning skills, design skills, and advanced woodworking skills. Students will analyze the sculptural and architectural nature of furniture design, explore the elements of the contemporary art furniture movement and create their own interpretations of traditional and contemporary furniture concepts, which may serve as functional pieces and/or works of fine art.

## **AUTOMOTIVE TECHNOLOGY**

### **Auto Technology 1/2**

**EL**

*Grade Level Option: 11, 12*

*Prerequisite: None*

The student learns basic principles of the maintenance of the automobile including the following: tune up, brake service, progressive maintenance, and wheel alignment and balancing. The student is given an area of the shop to watch and keep clean along with instructions on safety and the proper use of tools and equipment. This course is a prerequisite for Auto Technology 3/4.

### **Auto Technology 3/4**

**EL**

*Grade Level Option: 11, 12*

*Prerequisite: Auto Technology 1/2*

The student is encouraged to work on his own car. The course emphasizes major engine work, wheel alignment and tires balancing complete brake service including machining tune up and progressive maintenance. Instruction is also given in automotive computer analysis engine sensors and actuators. Safety and safety in keeping and maintaining a shop facility are essential parts of the students' experience.

## **DRAFTING AND COMPUTER AIDED DESIGN TECHNOLOGY**

### **Engineering Drafting 1/2 (Industrial Drafting)**

**EL**

*Grade Level Option: 10, 11, 12*

This is an introductory course in which students learn the correct use of drafting instruments and learn to draw simple and intermediate level mechanical and pictorial drawings both on the drafting board and with a CAD/CAM computer system. This course is recommended for students who are planning on an engineering major in college. It is a prerequisite for Engineering Drafting 3/4.

### **Engineering Drafting 3/4 (Computers)**

**EL**

*Grade Level Option: 10, 11, 12*

*Prerequisite: Engineering Drafting 1/2*

*Entry Level: Semester entry permitted*

This is an intermediate level-drafting course in which students draw engineering drafting assignments both on the drafting board and on the CAD/CAM computer system. They will learn many of the interesting tasks of engineers and drafters. This course is recommended for students who are planning on an engineering major in college. This course is a prerequisite for Engineering Drafting 5/6. Students will learn high-tech computer graphic skills necessary for a job entry level CAD operator.

### **Computer Technology 1/2 (Introduction to CAD/CAM)**

**EL**

*Grade Level Option: 10, 11, 12*

This course introduces the student to the concept of Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM). CAD allows designs and technical drawings to be made on computers, while CAM processes the drawing, assigns tool-paths to them and a computerized milling machine produces the part. Students interested in becoming Engineers, Drafters, Architects, Commercial Artists and Machinists, should take this course.

### **Computer Aided Design (CAD) Animation**

**EL**

*Grade Level Option: 10, 11, 12*

This course is an introduction to basic computer animation, major software components, and basic concepts object-oriented programming as well as 2D and 3D design. The students will learn through theory and hands on training to set up a 3D scene and 3D space, create parametric primitives, shapes, basic lofts, lights, and cameras. The will also learn art fundamentals, computer animation basics, and an introduction to computer graphics imaging (CGI).

### **Architectural Drafting 1/2**

**EL**

*Grade Level Option: 10, 11, 12*

*Entry Level: Semester entry permitted*

This is a beginning level architectural drafting course. Students learn the basic concepts of house planning and design. After designing a house, students draw all of the working drawings required to construct a house. This course is recommended for students who are planning on an architectural major in college.

### **Architectural Drafting 3/4**

**EL**

*Grade Level Option: 11, 12*

*Prerequisite: Architectural Drafting 1/2*

*Entry Level: Semester entry permitted*

This is an advanced architectural drafting course. Students learn to draw houses and commercial buildings on computer aided drafting (CAD) equipment. Students will also learn architectural rendering techniques for drawing one and two point perspective drawings of houses and commercial buildings. This course is recommended for students who are planning on an architectural major in college.

### **Product Development**

**EL**

*Grade Level Option: 11, 12*

*Prerequisite: Drafting, Algebra I and a science class*

This course will examine the key elements of product development from the inception of a concept through design and all the way to production. The science behind pneumatics, sensors and materials testing will set the foundation for the appropriate use of computer numerical control (CNC), computer assisted design (CAD), computer assisted manufacturing (CAM), computer integrated manufacturing (CIM) and robotics. Quality control and precision measurement will become critical components of the student's projects. Students will demonstrate mastery of content and process by completion and presentation of long-term projects. Students will be expected to share project results both electronically and during public presentations with peers, teachers, and community professionals. This course will prepare all students for future science careers and university programs

# MATHEMATICS

Alhambra High School’s mathematics courses are designed to incorporate state standards into all courses. Students are required to earn 30 credits of mathematics. Required courses include: Algebra 1 or its two-year equivalent and Geometry.

**Placement Criteria for Honors/AP Mathematics Courses: Alhambra Unified School District and the school Board of Education are committed to open enrollment in Honors and Advance Placement classes. The Board policy on Honors/Advance Placement encourages all students to challenge themselves academically and enables students to be more competitive when applying for admission to postsecondary institutions. The Governing board shall provide opportunities for college-level coursework and will prepare interested high school students to participate in Advance Placement examinations. See Board Policy and Administrative Regulations for further detail.**

The criteria for placement in all Math Honors and Advanced Placement courses has been standardized district wide. Students interested in taking these courses should consider the following criteria:

<b>Geometry I 1/2 H</b>	<b>Algebra II 1/2 H</b>	
1. Algebra I 1/2 Honors with a grade of B or higher <u>or</u> Algebra I 1/2 with a grade of A.	1. Geometry I 1/2 Honors with a grade of B <u>or</u> Geometry I 1/2 with a grade of A.	
<b>Trig/Pre-Calculus 1/2 H</b>	<b>Calculus AB 1/2 AP</b>	<b>Calculus BC 1/2 AP</b>
1. Algebra II 1/2 Honors with a grade of B or higher <u>or</u> Algebra II 1/2 with a grade of A.	1. Trig/Pre-Calculus Honors with a grade of C or higher <u>or</u> Trig/Pre-Calculus with a grade of B or higher	1. Trig/Pre-Calculus Honors with a grade of A 2. Calculus AB with a C or higher, <b>and/or</b> 3. A score of 3 or higher on the Calculus AB exam
<b>Statistics 1/2 AP</b>	<b>Math Computer Science 1/2 AP</b>	
1. Algebra II 1/2 Honors with a grade of B or higher <u>or</u> Algebra II 1/2 with a grade of A. 2. Trig/Pre-Calculus with a grade of B or higher	1. Computer Programming 1/2 or satisfactory score on placement test 2. Geometry 1/2 with a grade of B or higher	

Information about Honors/AP opportunities for students can be obtained from math and science teachers, counselors, and AVID Coordinators.

**Honors/AP placement from other schools will be honored.**

## **Algebra IA**

**M, CSU, UC**

Grade Level Option: 9, 10, 11

Students study operations with monomials, rational polynomial phrases, exponents and roots, solutions to equations, and graphs of linear and quadratic equations. Real world and technology applications are infused throughout the course.

## **Algebra IB**

**M, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Completed Elementary Algebra 1/2*

The primary emphasis of Algebra IB is on the study of algebra and its applications to other mathematical strands, such as geometry, statistics, probability, and trigonometry. Real world applications are infused throughout the course.

## **Algebra I 1/2**

**M, CSU, UC**

*Grade Level Option: 9, 10*

*Prerequisite: 8th Grade District Criteria*

Its primary emphasis is on the study of first year algebra and its applications to other mathematical strands, such as geometry, statistics, probability, and trigonometry. Real world applications are infused throughout the course.

## **Practical Geometry 1/2**

**M**

*Grade Level Option: 12*

*Entrance Criteria: Teacher/Counselor approval.*

The focus of this course emphasizes hands-on and real world application. The course of study includes congruence, similarity, circles, transformational geometry, right triangle trigonometry, area, volume, and algebra integration. The course meets the graduation requirement for Geometry.

## **Informal Geometry 1/2**

**M, CSU, UC**

*Grade Level Option: 10,11, 12*

**Prerequisite: Successful Completion of Algebra I 1/2 or Algebra IB**

The content of this course is the same as Geometry 1/2. The difference is a focus on inductive rather than deductive reasoning. The course of study includes applications to the real world, congruence, similarity, circles, transformational geometry, right triangle trigonometry, area, volume, and locus. This course de-emphasizes inductive and deductive reasoning.

## **Geometry 1/2**

**M, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Successful Completion of Algebra I 1/2; Algebra IB*

This rigorous course of study includes the development of deductive and inductive reasoning, applications to the real world, congruence, similarity, circles, transformational geometry, right triangle trigonometry, area, volume, and locus.

## **Geometry I 1/2 Honors**

**M, CSU, UC**

*Grade Level Option: 9, 10*

*Entrance Criteria: See page 42 for the District standardized entrance criteria for Math Honors & AP courses.*

This rigorous course of study includes the development of deductive and inductive reasoning, applications to the real world, congruence, similarity, circles, transformational geometry, right triangle trigonometry, area, volume, locus, mathematical history, non-Euclidean geometry, and topology.

## **Algebra II 1/2**

**M, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Successful Completion of Geometry 1/2*

This course includes the study of linear functions, quadratic functions, polynomial functions, rational functions, exponential functions and logarithms, series and sequences, matrices, conic sections, probability, and statistics.

## **Algebra II 1/2 Honors**

**M, CSU, UC**

*Grade Level Option: 9, 10, 11*

*Entrance Criteria: See page 42 for the District standardized entrance criteria for Math Honors & AP courses.*

This is a rigorous course, which includes the in-depth study of functions--linear, quadratic, polynomial, rational, exponential and logarithmic—and their applications, matrices, linear programming, series and sequences, probability and statistics, conic sections, and circular trigonometric functions.

## **Trigonometry/Pre-Calculus 1/2**

**M, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Successful Completion of Algebra II 1/2 with a C or higher*

The course covers the study of trigonometric and circular functions and graphs, trigonometric identities, law of sines and cosines, right triangle trigonometry, vectors, limits, polar and parametric equations, partial fractions, mathematical induction, and polynomials operations.

## **Trigonometry/Pre-Calculus 1/2 Honors**

**M, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Entrance Criteria: See page 42 for the District standardized entrance criteria for Math Honors & AP courses.*

This course is a rigorous and accelerated program that covers trigonometry and pre-calculus and beginning calculus topics. It includes the study of trigonometric and circular functions and graphs, trigonometric identities, law of sines and cosines, right triangle trigonometry, vectors limits, polar and parametric equations, partial fractions, mathematical induction, analytic geometry, and an introduction to differentiation and integration.

## **Statistics and Probability 1/2**

**M, EL, CSU, UC**

*Grade Level Option: 11, 12*

*Prerequisite: Successful Completion of Algebra II 1/2 with a grade of C or higher*

This course is an introduction to the study of probability, interpretation of data and fundamental statistical problem solving. It will provide students with a solid foundation in probability and the facility to process statistical information. The course content includes measures of central tendency, variability, normal curves, skewed distributions, and statistical inference. This course is recommended for students intending to major in a non-technical field in college.

## **Statistics 1/2 - Advanced Placement**

**M, EL, CSU, UC**

*Grade Level Option: 11, 12*

*Entrance Criteria: See page 42 for the District standardized entrance criteria for Math Honors & AP courses.*

This course is an in depth and technical study of interpretation of data and fundamental statistical problem solving. Exploring data, planning a study, anticipating patterns in advance and statistical inference are the four broad themes covered. Emphasis is given to topics covered on the Advanced Placement test given in May. Students enrolled in this course are required to take the AP exam in May.

## **Calculus 1/2**

*Grade Level Option: 10, 11, 12*

*Entrance Criteria: See page 42 for the District standardized entrance criteria for Math Honors & AP courses.*

This course is the first of two entry-level college calculus classes. The course included the study of functions, limits, continuity, differentiation and integration of rational polynomials, circular-exponential-logarithmic functions, maxima and minima, inflections points, curve analysis, areas between two curves, volume of revolution, and certain applications to problems in science. Students enrolled in this course are required to take the Advanced Placement exam in May.

**Calculus AB 1/2 Advanced Placement**

**M, EL, CSU, UC**

*Grade Level Option: 10, 11, 12*

*Entrance Criteria: See page 42 for the District standardized entrance criteria for Math Honors & AP courses.*

This course is the first of two entry-level college calculus classes. The course included the study of functions, limits, continuity, differentiation and integration of rational polynomials, circular-exponential-logarithmic functions, maxima and minima, inflections points, curve analysis, areas between two curves, volume of revolution, and certain applications to problems in science. Students enrolled in this course are required to take the Advanced Placement exam in May.

**Calculus BC 1/2 Advanced Placement**

**M, EL, CSU, UC**

*Grade Level Option: 10, 11, 12*

*Entrance Criteria: See page 42 for the District standardized entrance criteria for Math Honors & AP courses.*

This course is the second of two entry-level college calculus classes. The course includes the study of analysis of functional behavior, infinite series, Taylor's series, parametric equations, arc length, multiple integration, differential equations, and dynamics of particle motion. Students enrolled in this course are required to take the Advanced Placement exam in May.

**Math Computer Science AB Advanced Placement**

**M, EL, CSU, UC**

*Grade Level Option: 12*

*Entrance Criteria: See page 42 for the District standardized entrance criteria for Math Honors & AP courses.*

The course includes the history of computing and computers, the software development cycle, compiler-intrinsic data types, variables, math operators, logical operators, loops, strings, functions, pointers, file input/output, object oriented methods, arrays (one and two dimensional), templates, abstract data types (structures, linked lists, stacks, queues, trees), recursion, sorting and searching. Students enrolled in this course are required to take the advanced placement exam in May.

## PHYSICAL EDUCATION

Physical Education courses are designed to provide a cross section of competitive, recreational, and spectator sports activities. Emphasis is placed on rules, terminology, and basic fundamentals for each sport studied. Physical fitness is stressed through team and individual activities, which may be used later in life. Students are required to earn 20 units of Physical Education credit; 10 of these credits are to be earned in Grade 9.

### **Physical Education 1/2**

PE

*Grade Level Option: 9*

This course is required of all ninth-grade students (except for those enrolled in Marching Band) and is designed to promote physiological, psychological, and sociological growth, awareness, and development in each individual. This is accomplished through a wide variety of individual and team activities and participation in California Physical Performance Tests. Areas of instruction include individual activities and team sports, and individual physical fitness. Fitness for Life, a classroom experience, includes 18 chapters of textbook work followed by lab activities. Fitness for Life is a major component of the P.E. curriculum. In addition students will also study health related issues including: nutrition, communicable diseases, sexually transmitted diseases including AIDS, substance abuse, sex education, family life issues and first aid.

### **Physical Education 3/4**

PE

*Grade Level Option: 10, 11, 12*

*Prerequisite: Physical Education 1/2*

This course is designed to develop fitness and knowledge of movement skills through individual and team activities. Students participate in activities that increase strength, flexibility and cardio-respiratory endurance as well as focusing on cognitive, social and emotional well-being. Continued use of the Fitness for Life curriculum reinforces the concepts presented in Physical Education 1/2 and offer practical applications for developing lifetime fitness programs.

### **Aerobics**

PE, EL

*Grade Level Option: 10, 11, 12*

This course is designed to improve cardiovascular fitness and endurance through aerobics. Students learn to develop and maintain a lifelong personal fitness program and to improve muscle tone and strength through weight and flexibility exercise.

### **Basketball Fitness**

PE, EL

*Grade Level Option: 10, 11, 12*

In this course students have the opportunity to participate in the game of basketball as both an individual and a team sport. Students are exposed to the fundamentals of basketball, sportsmanship, strategy, mental and physical conditioning are emphasized. On conditioning days students will weight lift, run, and perform other individual or team sports activities.

### **Beginning Tennis**

PE, EL

*Grade Level Option: 10, 11, 12*

The following skills are taught so that the students will be able to play social, recreational, and competitive tennis: strategy, grip and footwork for the forehand, backhand, serve, volley and overhead strokes. This course is a prerequisite for Intermediate Tennis.

## **Intermediate Tennis**

**PE, EL**

*Grade Level Option: 10, 11, 12*

Students continue to build on the skills acquired in Beginning Tennis with emphasis on strategy and topspin strokes.

## **Weight Training and Conditioning**

**PE, EL**

*Grade Level Option: 10, 11, 12*

This course teaches basic to advanced fundamentals of weight training, safety, and the importance of improving the cardiovascular system along with the recognition of major muscle groups. The course is offered five days a week with three days of weight lifting and two days of running or physical education activity. The weight lifting is done with universal gyms and individual weight stations.

## **Song, Pep, Flag**

**PE, EL**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Selection by tryout the previous spring*

This course is designed for the high school pep squad. This group is a performance group that performs throughout the year at various high school and special event activities. Students must maintain 2.0 GPA and satisfactory citizenship.

## **Drill Team**

**PE, EL**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Selection by tryout the previous spring*

This course is designed for the high school drill team. This group is a performance group that performs throughout the year at various high school and special event activities. Students must maintain 2.0 GPA and satisfactory citizenship.

## **Physical Education-Athletics**

**PE, EL**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Athletic Director approval*

In addition to the courses listed above, the Physical Education Department offers advanced courses in basketball, track, football, volleyball, swimming, golf, baseball, softball, tennis, soccer, cross country, badminton, and wrestling. Team members compete against other high schools. Students must maintain 2.0 GPA and satisfactory citizenship.

## **Adaptive Physical Education**

**PE, EL**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: IEP*

In Adaptive Physical Education students are enrolled by a physician's recommendation. Students participate in modified team sports, individual sports, games, rhythms, and developmental exercises designed to meet particular individual needs. Students apply correct body movement in performing exercises, sports skills, and everyday motor patterns and activities. The school nurse, psychologist, counselor, and Adaptive Specialist are involved in evaluating students. Students may be enrolled during their entire high school career or during a short period of several weeks.

## SCIENCE

Alhambra High School’s science courses are designed to incorporate state standards into all courses. To meet graduation requirements each student must earn 10 credits in a life/biological science course, 10 credits in a physical/earth science course, and 5 credits in Health and Safety. Check college catalogs for science classes that satisfy specific entrance requirements.

**Placement Criteria for Honors/AP Science Courses:** Alhambra Unified School District and the school Board of Education are committed to open enrollment in Honors and Advance Placement classes. The Board policy on Honors/Advance Placement encourages all students to challenge themselves academically and enables students to be more competitive when applying for admission to postsecondary institutions. The Governing board shall provide opportunities for college-level coursework and will prepare interested high school students to participate in Advance Placement examinations. See Board Policy and Administrative Regulations for further detail.

The criteria for placement in all Science Honors and Advanced Placement courses has been standardized district wide. Students interested in taking these courses should consider the following criteria:

<b>Biology 3/4 AP</b>	<b>Chemistry 3/4 AP</b>	<b>Environmental Science 1/2 AP</b>
1. Completion of Biology 1/2 <b>AND</b> Completion or concurrent enrollment in Chemistry 1/2	1. Completion of Chemistry 1/2 <b>AND</b> Concurrent enrollment in Algebra II or higher math course	1. Completion of Biology 1/2 or Environmental Science 1/2 <b>AND</b> Completion of or current enrollment in Chemistry
		<b>Biology Honors</b>
		<b>Chemistry Honors</b>
		1. 10, 11, 12 <sup>th</sup> grade Geometry must be completed concurrent.
		2. Recommended 3.5 GPA
<b>Physics 1/2 AP B</b>	<b>Physics 1/2 AP C</b>	
1. Completion of or concurrent enrollment in Trigonometry/Pre-Calculus	1. Completion or concurrent enrollment in Calculus AB	

Information about Honors/AP opportunities for students can be obtained from Math and Science teachers, Counselors, and AVID Coordinators.

**Honors/AP placement from other schools will be honored.**

In addition students will also study health related issues including: nutrition, communicable diseases, sexually transmitted diseases including AIDS, substance abuse, sex education, family life issues and first aid.

### **Environmental Science 1/2**

**SC-L/P, CSU, UC**

***Grade Level Option: 10, 11, 12***

Designed as a laboratory class, this course explores the inter-relationships between the various living and non-living systems on Earth. Topics include the exploration of ecosystems that covers an understanding of habitats, biodiversity, energy flow, and nutrient cycling. Students will explore air and water pollution, endangered species, recycling, human impact on natural resources, and land-use planning. Emphasis will be placed on analysis and problem solving in relation to environmental concerns.

### **Environmental Science 1/2 Advanced Placement**

**SC-L/P, EL, CSU, UC**

***Grade Level Option: 11, 12***

***Entrance Criteria: See page 48 for the District standardized entrance criteria for Science Honors & AP courses.***

This course is for students with a strong interest in Environmental Science. All students enrolled will be expected to take the AP exam in May. The scientific aspects of Environmental Science will be emphasized with all major topics covered. This course focuses on the scientific, rather than the political or social aspects.

## **LIFE/BIOLOGICAL SCIENCE COURSES**

### **Biology 1/2, 1/2 SDAIE**

**SC-L, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

***Prerequisite: Successful Completion of, or concurrent enrollment in Algebra 1***

This is the basic college prep course in biology, which covers all of the state of California standards for biological science. These standards include biochemistry, cell physiology, photosynthesis, respiration, protein synthesis, genetics, evolution, ecology, human physiology, and environmental science.

### **Honors Biology 1/2**

**SC-L, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

***Prerequisite: Successful Completion of, or concurrent enrollment in Algebra 1***

This is an advanced college prep course in biology, which covers all of the state of California standards for biological science. These standards include biochemistry, cell physiology, photosynthesis, respiration, protein synthesis, genetics, evolution, ecology, human physiology, and environmental science. Those students enrolling into the Science Research/Biomed Program, or those students planning on taking AP Biology or majoring in science in college should take Honors Biology.

### **Physiology 1/2**

**SC-L, EL, CSU, UC**

***Grade Level Option: 10, 11, 12***

***Prerequisite: Successful Completion of Biology 1/2***

This is a lab course in which the student investigates anatomical and physiological concepts of the human body. Laboratory activities are an integral part of this course.

### **Biology 3/4 Advanced Placement**

**SC-L, EL, CSU, UC**

***Grade Level Option: 10, 11, 12***

***Entrance Criteria: See page 48 for the District standardized entrance criteria for Science Honors & AP courses.***

In this college-level biology course students study the diversity of life, biology of plants, the biology of animals, chemistry of living things, energetics, genetics, ecology, and physiology. This course is designed to prepare students for the AP exam.

## **Science Research/Biomed Program**

**EL**

***Grade Level Option: 9, 10, 11, 12***

***Prerequisite: Teacher recommendation, above average scores on standardized reading, math, and science tests, outstanding grades in seventh and eighth grade math and science classes, completion of the Science Research/Biomed Program application, and a strong interest in science research.***

This is an independent study class for students who have a high interest and ability in science. Students in this class must be self-motivated and able to work Independently. Research projects will be developed based on actual research done by students in professional settings throughout the San Gabriel Valley and Los Angeles area. Students will then present their research in class, at science fairs, and at a variety of other competitions. Twenty highly motivated students are selected for entrance each year. This is a four-year program of science research, which prepares students for acceptance into top-level universities and colleges throughout the country. For entrance into this class, every prospective Science Research/ Biomed student needs a strong recommendation statement from his or her eighth grade science teacher and a completed Science research/ Biomed application that includes an autobiographical statement. These papers need to be submitted along with student's incoming registration packet. All applications will then be turned into Mr. Hyke (Science Research/ Biomed Director) at Alhambra High School. All Science Research/ Biomed students are expected to take four years of science coursework, in addition to the Science Research/ Biomed class, while at Alhambra High School. The four years of Science coursework should include at least two years of honors and/or AP science courses

## PHYSICAL/EARTH SCIENCE COURSES

### **Chemistry 1/2, 1/2 SDAIE**

SC-P, EL, CSU, UC

*Grade Level Option: 10, 11, and 12*

*Prerequisites: Completion/concurrent enrollment in Algebra 1/2.*

Students study properties of matter and changes that take place in these substances as they interact. Problem solving is emphasized in this laboratory-oriented course that requires written lab reports. Extensive laboratory experiments with written lab reports are included as students study the properties of matter and its changes as they interact.

### **Chemistry 1/2 Honors**

SC-P, EL, CSU, UC

*Grade Level Option: 10, 11, and 12*

*Prerequisites: Completion/concurrent enrollment in Algebra 1/2.*

Students study properties of matter and changes that take place in these substances as they interact. Problem solving is emphasized in this laboratory-oriented course that requires written lab reports. Extensive laboratory experiments with written lab reports are included as students study the properties of matter and its changes as they interact.

### **Chemistry 3/4 Advanced Placement**

SC-P, EL, CSU, UC

*Grade Level Option: 10, 11, 12*

*Entrance Criteria: See page 48 for the District standardized entrance criteria for Science Honors & AP courses.*

In this college level course students continue their study of chemistry. Discussions of physical and organic chemistry are included. Laboratory work is an integral part of this course. This course is designed to prepare students for the AP exam in May.

### **Earth Science 1/2**

SC-P, EL, CSU, UC

*Grade Level Option: 9, 10, 11, 12*

This is an introductory Earth science course that covers all of the state of California standards for earth science. These standards include geology, plate tectonics, earthquakes, volcanoes, oceanography, soils, weather, anatomy of the Earth, mapping, astronomy, and environmental processes and concerns.

### **Physics 1/2**

SC-P, EL, CSU, UC

*Grade Level Option: 10, 11, 12*

*Prerequisite: Minimum grade of B in Algebra 1/2 and Geometry 1/2*

Through laboratory experiments and a strong emphasis on problem solving, students explore mechanics, electricity, light and waves.

### **Physics 1/2 B Advanced Placement**

SC-P, EL, CSU, UC

*Grade Level Option: 11, 12*

*Entrance Criteria: See page 48 for the District standardized entrance criteria for Science Honors & AP courses.*

In this college level course students' study includes both classical and modern physics. Topics include: mechanics, kinetic theory and thermodynamics, electricity and magnetism, waves and optics, and modern physics. Understanding the basic principles involved in these general areas and the ability to apply these principles in problem solving exercises, is a primary goal. This course is designed to prepare students for the AP exam in May.

**Physics 1/2 C Advanced Placement**

**SC-P, EL, CSU, UC**

*Grade Level Option: 11, 12*

*Entrance Criteria: See page 48 for the District standardized entrance criteria for Science Honors & AP courses.*

This course serves as the foundation in physics for students majoring in the physical sciences or engineering. It is intensive and analytic with a strong emphasis on problem solving. Students engage in an intensive and analytic study of physics with a strong emphasis on problem solving. Topics include: mechanics, electricity and magnetism, with the use of calculus in problem solving and in derivations expected to increase as the course progresses.

**SOCIAL SCIENCE**

Alhambra High School’s social science courses are designed to incorporate state standards into all required courses. Three years of social science are required for graduation, including one year of World History, Culture, and Geography; one semester of American Government and Civics; and one semester of Economics.

**Placement Criteria for Honors/AP Social Science Courses: Alhambra Unified School District and the school Board of Education are committed to open enrollment in Honors and Advance Placement classes. The Board policy on Honors/Advance Placement encourages all students to challenge themselves academically and enables students to be more competitive when applying for admission to postsecondary institutions. The Governing board shall provide opportunities for college-level coursework and will prepare interested high school students to participate in Advance Placement examinations. See Board Policy and Administrative Regulations for further detail.**

The criteria for placement in all social science Honors and Advanced Placement courses have been standardized for Alhambra School District. Students interested in taking these courses must meet the following criteria:

<p><b>Students currently enrolled</b> in English 1/2 Honors, 10th grade World History Honors, or 11th grade US History AP should have earned a grade of A or B.</p>		<p><b>Students not currently enrolled</b> in English 1/2 Honors, World History Honors or US History AP should consider the following criteria.</p> <ol style="list-style-type: none"> <li>1. A grade of A or B in regular English or History/Social Science course, <b>OR</b>  Be listed in the top 20% of the school's grade level on the CAT-6 in Total Reading or Language.</li> </ol>
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Information about Honors/AP opportunities for students can be obtained from English, History/Social Science teachers and Counselors.

**Honors/AP placement from other schools will be honored.**

**SOCIAL SCIENCE COURSES**

**World History 1/2, 1/2 SDAIE**

**SS, CSU, UC**

*Grade Level Option: 10, 11, and 12*

In this course, students examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. The year begins with an introduction to current world issues and then continues with a focus on the expansion of the West and the growing interdependence of people and cultures throughout the world. Research projects are required and tests include essays.

**United States History 1/2, 1/2 SDAIE****SS, CSU, UC*****Grade Level Option: 11, 12***

In this course, students examine major turning points in American history in the twentieth century. After a brief review, certain themes will be emphasized: the expanding role of the federal government and federal courts; the continuing tension between the individual and the state and between minority rights and majority power; the emergence of a modern corporate economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal rights for racial minorities and women; and the role of the United States as a major world power. Essay exams, oral reports and research papers are required.

**United States History 1/2 Advanced Placement****SS, CSU, UC*****Grade Level Option: 11, 12******Entrance Criteria: See page 54 for the District standardized entrance criteria and application process for Social Science Honors and AP courses.***

This course has the same objectives as United States History/Geography 1/2; however, because it is an AP course, it is an enriched and accelerated, designed to prepare students for the AP exam, given nationwide in the spring. Essay exams, oral presentations, document analysis, and note taking and extensive readings are required.

**American Government/Civics, American Government/Civics SDAIE****SS, CSU, UC*****Grade Level Option: 12******Length of course: One semester***

In this course, students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American government. In addition, they draw on their studies of American history and of other societies to compare different systems of government in the world today. This course should be viewed as the culmination of the civic literacy strand that prepares students to vote, to reflect on the responsibilities of citizenship, and to participate in community activities. This course is taken back to back with Economics. Research papers and essay exams are required.

**American Government/Civics Advanced Placement****SS, CSU, UC*****Grade Level Option: 12******Entrance Criteria: See page 54 for the District standardized entrance criteria and application process for Social Science Honors and AP courses.***

This course has the same objectives as American Government/Civics; however, considerable emphasis is given to the understanding of political patterns and behaviors as well as the consequences of each. Students will analyze data and be able to interpret subject matter in writing. Essay exams, oral presentations and research papers are required. This is an enriched and accelerated course specifically designed to prepare students for the AP exam. The second semester of this class will be Economics Honors.

**Economics, Economics SDAIE****SS, CSU, UC*****Grade Level Option: 12******Length of course: One semester***

In this one-semester course, students deepen their understanding of the economic problems and institutions of the nation and world in which they live. They learn to make decisions on economic issues as citizens, workers, consumers, business owners and managers, and members of civic groups. Students add to the economic understandings they acquired in previous grades and apply tools (such as graphs, statistics, and equations) learned in other subject fields to better understand and appreciate the complexity of our economic system. This course is taken back to back with American Government/Civics.

**Economics 1/2 Advanced Placement****SS, CSU, UC*****Grade Level Option: 12******Prerequisite: Teacher /counselor approval******Length of Course: One year***

This year-long course has the same objectives as Economics. This course offers students the opportunity to do introductory college level work in Economics. Essay exams and research papers are required. This course also prepares students for Economics AP exams in macro/micro economics.

**Classical Age/Age of Chivalry 1 / 2****EL, CSU, UC*****Grade Level Option: 9, 10, 11, 12******Prerequisite: 8<sup>th</sup> grade Social Science teacher recommendation***

This is an elective course in the area of Social Science. In the first semester, the students study early River Valley Civilizations, the Greek and Roman Periods, and the rise of the great religions of the classical world. The second semester covers the fall of Rome up to and including the Renaissance. Subjects studied include Charlemagne, The Crusades, The Black Death, and the growth of national states.

**Psychology 1/2****EL, CSU, UC*****Grade Level Option: 11, 12******Prerequisite: None***

This elective course in the area of Social Science uses a college text. The class provides a comprehensive study of Psychology with practical applications in the areas of learning, motivation, development, personality, abnormal psychology, intelligence, social psychology, biology, perception and sleep and dreams.

**Psychology 1/2 Advanced Placement*****Grade Level Option: 11, 12******Prerequisite: None***

The purpose of AP psychology is to introduce students to the systematic scientific study of behavior and mental processes of human beings. Students are exposed to the psychological facts, principals and phenomena associated with each of the major subfields with in psychology.

## VISUAL AND PERFORMING ARTS

### ART

#### **Ceramics 1/2**

**FA, EL, CSU, UC**

*Grade Level Option: 10, 11, 12*

In this course students study the basics of hand building and wheel thrown pottery, as well as simple sculpture techniques. Students complete a variety of finished works, from the wedging of clay to the firing and final glazing. Students learn some of the basic science behind different clay bodies, techniques used throughout history and research different styles of pottery and sculpture from various cultures. Each student records research, sketches, and project results in a journal. Group critiques allow them to observe and compare the wide range of artistic style and intentions behind each piece of work.

#### **Ceramics 3/4, 5/6**

**FA, EL, CSU, UC**

*Grade Level Option: 10, 11, 12*

*Prerequisite: Ceramics 1/2*

Students continue their study of ceramics. In this course they learn to throw pots on the wheel, experience advanced techniques in glaze application, and explore variations in ceramic forms. Students must be able to work independently.

#### **Drawing and Painting 1/2**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

Students study and engage in a variety of drawing and painting methods and techniques utilizing a variety of media. Emphasis will be placed on learning and implementing the language of art and design (elements of art). Students will create and exhibit an art portfolio.

#### **Drawing and Painting 3/4, 5/6**

**FA, EL, CSU, UC**

*Grade Level Option: 10, 11, 12*

*Prerequisite: Drawing and Painting 1/2*

In these courses students continue to develop drawing and painting skills while closely studying specific design principles. Students work independently on long-term assignments to develop a personal portfolio.

#### **Photography 1/2**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

In this course students will learn the theory of photography in general and black and white photography in particular, as well as the history and development of this art form. They will develop the vocabulary and basic skills for producing their own photographic prints and for assessing and appreciating artistic expression in photography. The students will learn the relationship of photography to other art forms and to careers in this field.

#### **Digital Photography and Film 1/2**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

The year-long Digital Photography and Film class will increase student knowledge and ability to an intermediate level. Students will evaluate photographs and films; create digital films and Photoshop projects. The class will familiarize students with film and photography equipment, materials, methods and processes. The students will also be introduced to editing and manipulating images. They will also learn the history of photography and film from its invention to present day.

### **Art History 1/2 Advanced Placement**

**FA, EL, CSU, UC**

*Grade Level Option: 11, 12*

*Prerequisite: Application*

This course is a survey of art form prehistoric to modern times. No prior experience in art or art history is required. Students who enjoy history and literature or any of the studio arts are encouraged to enroll. Mastering the course content will provide the student with an opportunity to qualify for college credit by taking the advanced placement exam in the spring.

## **COMMUNICATIONS**

### **Debate 1/2**

**EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

Students become aware of controversial subjects, use research techniques, evaluate opinions, use the techniques of refutation, learn the responsibilities of each speaker in debate, and use parliamentary procedure. Students prepare for participation in debate and individual event tournaments. Each novice must participate in a minimum of four tournaments per semester, practice in class, after school, and become a member of the National Forensic League. If the students qualify for State or Nationals, they must participate at these tournaments.

### **Debate 3/4**

**EL, CSU, UC**

*Grade Level Option: 10, 11, 12*

*Prerequisite: Debate 1/2*

Second-year debate students continue applying and enlarging on the principles and the techniques acquired in Debate 1/2. They compete in inter-school tournaments and in contests sponsored by local and national groups. Each Junior Varsity or Varsity speaker must participate in three varsity or invitational tournaments and compete at the state and national tournaments if he/she qualifies. The students must also judge at three novice tournaments per semester.

### **Debate 5/6, 7/8**

**EL, CSU, UC**

*Grade Level Option: 11, 12*

*Prerequisite: Debate 3/4 for Debate 5/6 and Debate 5/6 for Debate 7/8*

This course has the same objectives, content and requirements as Debate 3/4.

## **DANCE**

### **Dance 1-4**

**FA, PE, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

In this course students participate in various aspects of movement. The student will obtain aesthetic perception and valuing, creative expression, and will study dance heritage. Those goals will be accomplished by various activities and performance throughout the course. Expression exploration of dance style and forms will take place through creative development of space, time, and force.

### **Choreography (Orchesis)**

**FA, PE, EL**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Selection by tryouts the previous spring*

Choreography has been designed to provide the experienced student with the theory, development, and practical application of intermediate/advanced level technical training specifically for show production. Composition development for stage, lighting for dancers, and the organizational aspects of production work for various performing venues will be explored in detail. Units of study will include the history and practical understanding of arts/theatrical dance, ethnic dance, urban/street, and improvisation. All choreography students will be expected to perform school and community events throughout the school year.

## **DRAMA**

### **Drama 1/2**

**FA, EL, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

The course is designed to introduce the art of the actor through performance. Through various processes, each student will discover what is encompassed in the history of drama and the dramatic profession. Through reading of the textbook and scripts, writing essays and scripts, design, acting, and lecture, students will have a beginning understanding of the history of drama and the dramatic profession.

### **Drama 3-8**

**FA, EL, CSU, UC**

***Grade Level Option: 10, 11, 12***

***Prerequisite: Drama 1/2***

In this intermediate drama course students will further develop communication skills and participate in a more in depth study of the theatre, including acting and technical theatre terminology, theatre history, the structure of the play, and play criticism. Students will study improvisation, pantomime and movement, oral interpretation, and acting techniques. Students are required to attend outside theatre performances, work on a theatre production and complete several independent projects.

### **Oral Interpretation**

**FA, EL, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

Oral interpretation is an introduction to the art of interpreting the written word for performance. Students study the process of interpreting, analyzing, and performing prose, drama, and poetry. Emphasis is on learning the language of theatre, the historical and cultural background of performance pieces, and the art of speaking with body and voice. Students will be required to maintain a portfolio, complete research, and participate in class activities.

### **Technical Theatre I**

**FA, EL, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

This course consists of a study of the theory and practice of set design, construction, sound and lighting for plays, dance productions, choral and instrumental productions. Students make scenery, furniture, props, and learn about stage lighting and sound equipment, act as stage crew during assemblies and for school and civic performances. Students are required to be available to work on eight evening performances each semester to pass the class.

### **Technical Theatre II**

**FA, EL, CSU, UC**

***Grade Level Option: 10, 11, 12***

***Prerequisite: Technical Theatre I, teacher/counselor approval***

This course has the same objectives, content, and requirements, as Technical Theatre I. Students are required to be available to work on eight evening performances each semester to pass the class. Student must be

willing to accept production (technical) assignments, i.e., stage manager, audio mixing board operator, light-board operator, follow-spot technician, etc.

## MUSIC

### **Exploring Music**

**FA, EL**

*Grade Level Option: 9, 10, 11, 12*

This course provides listening experiences in multi-cultural music, light classical music, and the music of the great classical composers. The students also have opportunities to survey both American Jazz from its African origins and contemporary popular music.

### **Instruments**

**UC, CSU, FA, EL**

*Grade Level Option: 9, 10, 11, 12*

Students will discover the world of music through hands on work with a concert band instrument. Musical terminology, styles, history, and culture will be studied. Rhythmic figures and basic reading skills will be learned to further enhance this experience. Instruments class is considered a performing group. Students are required to participate in all performances and festivals. Instruments being offered are Flute, Clarinet, Saxophone, Trumpet, Horn, Trombone, Baritone, Tuba, Electric Bass, Mallet Percussion and Combined Percussion. Outside practice, performance and study is required.

### **Jazz Band**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: By audition*

The Jazz Band performs intermediate to advanced level literature from various selected eras of musical histories including ragtime, Dixieland, swing, big band, boogie-woogie, Latin jazz, modern jazz and rock. In addition to the techniques of rehearsal and performance, the students learn the theory and history of the music performed. The course may be repeated for additional credit. Outside practice, performance and study is required.

### **Tri-City Orchestra**

**FA, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: Previous training with an orchestral instrument*

Students meet two evenings per week at Alhambra High School for this district-wide high school orchestra. Students with experience in string instruments are encouraged to enroll. Outside practice, performance and study is required.

### **Advanced Band (Marching Band)**

**FA, PE, EL, CSU, UC**

*Grade Level Option: 9, 10, 11, 12*

*Prerequisite: By audition*

Students study a wide variety of band literature, music theory, and sight-reading. Students will be able to perform a varied repertoire of music on an intermediate to advanced level. Credit for this class is awarded on the basis of participation at rehearsals, concerts and festivals, in addition to the instructor's evaluation of the student's performance ability. Outside practice, performance and study, participation in Band camp and Marching Band is required.

### **Study of Guitar**

**UC, CSU, FA, EL**

*Grade Level Option: 9, 10, 11, 12*

Students will learn to understand and play a wide variety of musical styles on the guitar including: pop, rock, blues, classical, and folk. Students will learn how to read easy to medium level music in the open position of the guitar. Students study all basic position chords, basic rhythms, and right-hand strumming patterns. Students will develop proper technique, posture, tone, and left and right hand control and position. The course will include listening and understanding of the sound and history of the guitar, elementary theory and symbols used in music. Introduction to the blues form and ability to improvise with pentatonic or blues scale. Practice outside the classroom is required. Outside practice, performance and study is required.

### **Blue and Gold Handchime Choir**

**FA, EL, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

The Handchime Choir performs beginning and intermediate level literature from various genres of music, ranging from the classical era to commercial and contemporary music. Students gain an understanding of ringing, rehearsal and performance techniques and learn music theory and history of the selected repertoire. School and community performances are required.

### **Concert Choir**

**FA, EL, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

Students perform beginning and intermediate level literature from various selected eras of musical histories. In addition to the techniques of rehearsal and performance, students learn the theory and history of the music performed. The director schedules required performances. Outside rehearsal and performance is required. The course may be repeated for additional credit. SEI 3/4 students may enroll.

### **International Chorus**

**FA, EL**

***Grade Level Option: 9, 10, 11, 12***

***Prerequisite: Concurrent enrollment in SEI***

Beginning ELD/SEI students will explore vocal music of all types with intent to teach English dictation. Along with a solid framework of musical study, songs of season and holidays, musical comedies, and current popular songs will be used. Students participate in public performances.

### **Mixed Choir (Intermediate Choir)**

**FA, EL, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

Students read, notate, listen to, analyze, and describe music using the terminology of music. They apply vocal and instrumental music skills in performing a varied repertoire of music. Students analyze the role of music in past and present cultures throughout the world; this choir is suggested for all students planning to audition for advanced choir. Outside rehearsal and performance are required. Submission of a personal portfolio is required for each semester.

### **Advanced Choir**

**FA, EL, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

***Prerequisite: Audition and previous experience in a choral group***

This advanced choral class offers students many performance opportunities at concerts, festivals, and school and community events. A variety of choral literature will be studied throughout the year. This course also includes study in music theory, sight-reading, solo/ensemble performance and intermediate to advanced vocal technique. Attendance at performances is mandatory and participation is required for the entire year. Outside rehearsal and performance is required. Submission of a personal research portfolio is required.

### **Music Theory 1/2 Advanced Placement**

**FA, EL, CSU, UC**

***Grade Level Option: 9, 10, 11, 12***

This entry-level theory class where students will read, notate, and compose music. Students will also be exposed to a wide variety of musical literature. May be taken concurrently with any music class for better understanding. This is the perfect class to take before AP Music Theory.

***Prerequisite: application and audition***

This AP course covers many aspects of music theory including: Realization of the basic elements of music, contrapuntal techniques, musical form and harmonic analysis. Students will be required to read, notate, and compose music. Singing and keyboard skills will also be practiced. Students will also be exposed to a wide variety of musical literature in order to prepare for the AP Music Theory examination. Students are expected to take the AP Music Theory Exam.

## NON-DEPARTMENTAL COURSES

### **Academic Decathlon**

EL

*Grade Level Option: 9, 10, 11, 12*

*Length of Course: One Year*

*Prerequisite: Teacher approval*

This course prepares students to compete in the United States Academic Decathlon. It consists of preparation for ten different subjects. In *language and literature*, there are three foci: critical reading, a novel, and short pieces (usually, poetry). In *music and art*, students must have a basic understanding of theory and history and be intimately acquainted with particular pieces and their artists/composers. *Mathematics* is wide ranging, requiring skills from algebra to calculus. *Science* and *social science* rotate topics based on a thematic area. *Essay* is based upon an expository format. *Economics* has three areas: microeconomics, macroeconomics and a focus area (i.e. mercantilism). *Speech* and *interview* focus on speaking and presentation skills. Students for this course are selected with teacher approval, and must meet certain criteria to be enrolled.

### **Pathways to College and Career**

P

*Grade Level Option: 9*

*Length of Course: One Semester*

Pathways to College and Career is an introductory course that prepares students to set educational and career goals. The course is designed to teach study skills, self awareness, financial management, presentations, employability skills, workplace ethics, and educational planning for high school, college and careers.

### **Peer Mediation**

EL

*Grade Level Option: 10, 11, 12*

*Length of Course: One Year*

Student will have the opportunity to learn effective communication skills through active learning and non-verbal communication, mediate problems that occur on campus, promote multicultural sensitivity and appreciation, and assist other students in solving conflicts with others.

### **Peer Helping**

EL

*Grade Level Option: 10, 11, 12*

*Length of Course: One Year*

Student will have the opportunity to increase awareness of value of gaining effective communication skills, explore the counseling and communication fields, prepare students for a smooth transition to college study in helping fields and help individual students with their personal concerns.

### **Academy of Future Educators**

EL

*Grade Level Options: 10, 11, 12*

*Academy status as tutors open to 10th, 11th, and 12th graders. Membership open to all students.*

This course trains students who tutor in the Alhambra High School classrooms, after school tutorial program-Crossroads, elementary school sites, and the Alhambra Public Library. Given summer training and on-going workshops through the school year, the tutors work at least five hours a week under the mentorship of teachers and other staff, attend a mandatory weekly meeting, and participate in service projects and other activities. Students gain experience in the teaching field through tutoring and become involved in the educational development of themselves and other students.

## LIBRARY SCIENCE

### **Library/Media Practice 1/2**

EL

*Grade Level Option: 9, 10, 11, 12*

*Prerequisites: Approval of librarian*

Students acquire a working knowledge of library procedures and tools, and in turn serve the student body. Students learn to develop skills in using library tools, develop technical skills used in libraries, develop appreciation of printed material, and develop research techniques. Students will develop and realize a salable skill.

### **Library/Media Practice 3/4, 5/6, 7/8**

EL

*Grade Level Option: 10, 11, 12*

*Prerequisites: Library Practice 1/2 and approval of librarian*

Students build upon the knowledge gained in Library/Media Practice 1/2 and are given more opportunity for independent projects and research. Students will develop a salable skill.

## CAREER EDUCATION

### **Teacher/Office Aide**

EL

*Grade Level Option: 12*

Students enter an employee-employer relationship with their teacher/supervisor and perform a variety of clerical and tutorial duties depending on the needs of the teacher/supervisor. Students have an opportunity to learn good work habits and attitudes while assisting in classroom and offices. (A maximum of 15 credits may be earned in the last four semesters.)

### **General Work Experience**

*Grade Level Option: 10, 11, 12*

*Prerequisites: Student must be 16 years of age or turn 16 during the semester, have a Social Security Card, and have a valid Work Permit if under 18 years old. Student must also have a paid, part-time regular employment paid by payroll check.*

In this PASS/FAIL variable credit course, students may earn from 1 to 5 credits per semester by combining the hours of their part-time job with classroom activities related to employment and careers. The paid employment need not be related to the student's career goal. The Work Experience type Work Permit allows longer work hours per week as the part-time job is considered a school program.

## CAMPUS SERVICES

### **Leadership**

EL

*Grade Level Option: 11, 12*

*Prerequisites: Election or appointment to student body office*

*Length of course: One semester*

The leadership course develops the qualities and skills needed for effective student government. Emphasis is placed on learning through study, discussion, and direct experience in such areas as parliamentary procedure, group leadership, planning student activities, and the associated student body budget.

## REGIONAL OCCUPATIONAL PROGRAM

Regional Occupational Programs (ROP) is an integral part of the public education system in California. The purpose of the program is to provide high quality career and technical job training opportunities to a larger number of students than can be provided adequately, efficiently, and economically by a single school district. Such programs are available to high school student's 16 years of age and older who reside in the San Gabriel Valley area. The courses are intended to prepare students for entry-level employment. The number of credits earned per semester depends on the number of successfully completed hours of instruction in the ROP class. Transportation to the classroom is provided to and from the campus if the classroom is located at another school or elsewhere. There are no fees or costs.

Some listed courses may be canceled within two weeks of start date due to low enrollment. New courses may be added and others may be dropped. Talk with the ROP Technician in the Career Education Center for changes each semester. There are also several courses taught during summer school only.

### **Accounting-Computer**

**EL, M**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

Students learn the principles of accounting and apply them to accounting transactions in completing the business cycle. Accounting simulations and spreadsheet programs representative of industry will be utilized in preparing students for entry-level jobs.

### **Auto Specialization**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

Instruction includes brakes, suspension, alignment, tire balancing, drive train maintenance, and chassis lubrication.

### **Banking Occupations (Community Classroom)**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

Class and banking site experiences are acquired in disbursing and receiving money, recording transactions, checking endorsements, stop payment orders, and other banking procedures.

### **Child Care Aide (Community Classroom)**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

This course provides class and actual nursery school experience in learning and working with small children. This is a semester course, and high school seniors are preferred for enrollment. (TB test provided, 18-year-olds must be finger printed.)

### **Computer Animation**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

Students will have the theory and hands-on training in art fundamentals, drawing, cartooning, animation basics and computer graphics imaging.

**Computer Applications IBM/PC****EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway, and one semester of keyboarding (25 words per minute) or teacher approval*

This is an introductory course to explain what a computer is, how it works, and how the computer is utilized to assist in solving problems in business and our daily lives. This course includes both lecture and lab requirements. Lab activities will include data entry, word processing, electronic spreadsheet and database. Computer applications, career awareness, and job readiness are emphasized in preparation for entry-level jobs. Advanced studies available certain semesters.

**Computer Applications (Desktop Publishing) MAC (Computer Graphics)****EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway, and one semester of keyboarding (25 words per minute) or teacher approval*

This course introduces the concepts of desktop publishing; the skill of creating computer generated page layout for flyers, brochures, newsletters and other publications. Hands-on training features the Macintosh Computer and other state-of-the-art hardware and software. *Some computer applications background is advisable.*

**Computer Projects and Design****EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway and computer applications background*

Based on prior classes, students review the basics of database management, spreadsheet, word processing and/or electronic publishing. Students then develop projects, simulations, or real world situations into appropriate computer solutions.

**Cosmetology (Community Classroom)****EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway and ROP counselor approval.*

This is a 1,600-hour program designed to prepare students for state licensing. Students must attend a minimum of 20 hours per week. Students learn to curl, straighten, cut, tint, bleach, rinse, tone, and shampoo hair, wigs and hairpieces. Facial massaging and manicuring are also taught along with other beauty treatments.

**Engineering Drafting/Computer Assisted Drafting****EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway, and one year of Algebra.*

This course is designed to give entry-level job skill training. Included are basic drafting practices, representation drawings, technical illustration, and industrial production drafting. Computer assisted drafting (CAD) is available to advanced students.

**Emergency Medical Technician (EMT) Evening Course Only****EL**

*Grade Level Option: 12*

*Prerequisite: Must be 18 years old or older*

*Length of Course: One semester*

Emergency procedures as prescribed for the EMT-1a State Certificate are taught, including emergency room observation and ambulance ride-along. A previous course in biology or similar science and the ROP First Responder course are recommended.

**Fashion/Retail (Community Classroom)**

EL

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

This course is designed to provide students with competencies necessary for employment in Fashion and Retail Sales occupations.

**First Responder**

EL

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

Prepares students to provide efficient and immediate care to ill and/or injured patients and to assist other emergency medical service providers. The emergency response training includes classroom and laboratory instruction in First Aid, CPR, communication skills, legality, ethics, stress management, an overview of the history and the future of health care, pre-hospital care systems, anatomy and physiology, triage and post-emergency care duties. Upon successful completion of this course, a student will receive a First Responder card and may be eligible to apply for National Registry testing.

**Floristry (Community Classroom)**

EL

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

Students learn skills to prepare to enter the floral industry as an apprentice designer or employee. Course emphasis is on sales, management, and the preparation and care of flowers. (90 hours training in floral shop required to complete class.)

**Interior Design/Merchandising**

EL

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway**Length of course: One semester*

In this course students acquire knowledge of the merchandising of furniture, carpets, wallpaper, and accessories. Design and art principles and display techniques are also taught.

**Medical Assistant (Community Classroom)**

EL

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway, and approval of ROP counselor*

This yearlong program provides classroom and laboratory experiences in clerical, administrative, secretarial and receptionist duties. Front office and clerical procedures necessary to assist the physician in the practice of medicine are included.

**Micro Computer Tech/Electronics Technology**

EL

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

This course includes instruction in maintaining, troubleshooting, and repairing of computers, microprocessors, VCRs, and other computer-based systems. Electronics background helpful.

**Electric Vehicle and Composites Engineering**

EL

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

Students will design and build two single seat electric racecars for competition in June. Computer design all test equipment, body shell, motors, steering, etc.

### **Office Occupations**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

This course prepares students for a variety of entry-level clerical jobs such as clerk typist, general office clerk, receptionist, secretary, medical typist, legal typist, and others.

### **Office Occupations Cooperative Vocational Education**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway, and must be currently employed in an office setting*

This program is designed for high school students employed in any type of office job. On-the-job related instruction will be given to increase skills in office occupations.

### **Hospital Occupations (Careers in Medicine)**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

Provides entry-level job training in a wide variety of hospital occupations (admitting clerk to X-ray) and/or assist with the desire to further education in the health-care field. On-the-job training is included.

### **Introduction to Civil and Criminal Law**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

*Length of course: One semester*

This course is designed for students interested in a career as an Attorney, Paralegal, Legal Assistant, Legal Secretary, Court Reporter, or related occupation. The course is taught by a licensed attorney and explores the vocabulary, basic definitions, concepts, and foundations of the American legal system by using a case study approach, mock trial, lecture, and videos. This is a wide-ranging curriculum unlike Legal Office Occupations, which is job specific.

### **Legal Office Occupations/Legal Assistant**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

This course is designed to train students for entry-level employment as a legal assistant. Specialized training is given in the basic knowledge required for legal assistance including introduction into the background of legal assistant relationship of attorney and assistant, client interviewing and investigation

### **Graphics Design/Printing Technology 1/2**

**EL**

*Prerequisite: Grade 11 or 12, 16 years of age, or grade 10 enrolled in a pathway*

This course is designed for students interested in the printing industry. The class will develop job related skills. Areas include beginning: 1) Design and Layout; 2) Image Assembly; 3) Photography; 4) Stripping; 5) Plate making; 6) Press Operations; 7) Bindery Finishing; 8) How paper is made and how to recycle; 9) Beginning mixing color inks; 10) Computer design; 11) Screen Printing; 12) memo pads, brochures, calendars, bumper stickers, labels, and T-shirts. Students will develop a portfolio.