



COURSE DESCRIPTION CATALOG 2022-2023

Summit High School
15551 Summit Avenue
Fontana, CA 92336
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FONTANA UNIFIED SCHOOL DISTRICT

SUMMIT HIGH SCHOOL
15551 Summit Ave
Fontana, California 92336

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INTRODUCTION

This course description directory has been developed to give parents/guardians and students the opportunity to view our curricular offerings.

Because the course descriptions are brief, parents/guardians and students are encouraged to seek additional information about specific subjects by consulting a counselor. The same is true for the materials in this directory dealing with college entrance requirements and graduation requirements.

Long-range planning is expected for all grade levels. As students enter high school, they and their parents/guardian will be asked to identify and review educational objectives with a counselor and plan a four-year program which will properly prepare students for those objectives.

ANY CHANGES WILL REQUIRE PARENT/GUARDIAN AND SCHOOL APPROVAL.

SUMMIT HIGH SCHOOL – SCHOOL CODE: 050897

PLEASE NOTE

We hope you find this book informative. At the time of publication, the information contained in this book was accurate. However, in order for us to provide the best education possible, courses are frequently added, revised or dropped. All courses offered at Summit High School and listed in this course description booklet are open to enrollment for male and female students regardless of race, creed, color or religion. If you have any questions about the content of this book, contact the APA office.

The Fontana Unified School District does not discriminate on the basis of race, color, national origin, ancestry, religion, creed, sex, age, or handicap regarding enrollment in its educational and job training programs, and student activities. All courses offered at Summit High School that are listed in this course description booklet are open to enrollment for male and female students regardless of race, creed, color, or religion.



GRADUATION REQUIREMENTS

The FUSD Board of Education members encourage students to participate in all of the academic, vocational, and extra-curricular areas that the school has to offer.

Graduation is based upon successful completion of 230 semester units of credit in grades 9-12. Credits earned above those specified will be considered electives. Five semester periods of credit are earned for each subject passed each semester.

Students must meet the 230 semester units of credit as outlined, and pass Integrated Math 1 (IM1), to attain a diploma upon graduation.

GRADUATES MUST PASS SEMESTER UNITS OF CREDITS INDICATED <u>2019-2020</u>		
<u>SUBJECT</u>	<u>REQUIREMENTS</u>	
English	Eight semesters in grades 9, 10, 11, 12	40
Mathematics	Six semesters (Including IM1)	30
Physical Education	Two semesters in grade 9. An additional two semesters in grades 10-12	20
Science	Four semesters in grades 9, 10, 11, 12 Two semesters of a physical science and two semesters of a life science	20
Visual and Performing Arts or World Languages or Career Technical Education (CTE)	One year of either in grades 9 through 12	10
Social Studies	World History in grade 10. U.S. History in grade 11. American Government/Economics in grade 12	30
Electives	The balance of graduation requirements are to be completed in the elective subjects	80

Freshmen, Sophomores, and Juniors will take six classes on campus each semester. Seniors must take at least five classes each semester.

Academic courses in the areas of math, English, science and social studies may be repeated one time for elective credit only.

Mandatory remedial classes in math and language arts will be required based on student's standardized test scores.

GRADUATION COURSE AND CREDIT LIMITATIONS AND INFORMATION

1. Students will be permitted to earn a maximum of 45 units per semester. Any requested exception for additional units must be approved by the principal after a review by a counselor or Administrator.
2. Students will be permitted to earn a maximum of three College and Career Preparation (C.C.P.) classes (15 units) per semester are allowed.
3. Students will be permitted to earn a maximum of 10 credits per semester of APEX courses.
4. Retained seniors needing additional credits for graduation may be referred to the Coordinator of Child Welfare and Attendance to consider a possible alternative school settings. Request to enroll in fewer than six classes on campus must be approved by a counselor or Administrator. C.C.P. classes are considered "on campus" classes. The following criteria will weigh heavily on the counselor or Administrator's consideration of requests for shortened school day schedules:
 - a. Poor Attendance
 - b. Disciplinary Problems
 - c. Credit Shortages
5. As part of the 230 semester units of credit, certain subjects must be completed. These are specified by the California Education Code, the California Administrative Code and Board Policy.

The administration reserves the right to withhold from any qualified senior the privilege of participating in the graduation ceremony and senior activities. The reasons for denying participation could include, but not be limited to, such things as exhibited and documented attendance and discipline issues.

6. Courses identified as year-long courses are to be taken for the entire school year.

Semester units of credit in Work Experience will be computed as follows:

Clock Hours	Semester Units of Credit
75	5
150	10

ACADEMIC ACHIEVEMENT - QUALITY WEIGHTING

The quality weighting system is used by all FUSD Comprehensive High Schools in selection of Academic Medal recipients, Valedictorian and Salutatorians. Quality weighting is not related to grade point average.

(All courses **NOT** listed are rated A=4, B=3, C=2.)

SUBJECT	COURSES	GRADES/POINTS		
		A	B	C
ENGLISH	P Fr Eng Hon – 13011/43011	4.5	3.5	2.5
	P So Eng Hon – 13021/43021	4.5	3.5	2.5
	P Eng Lang & C AP – 13033/43033	5	4	3
	P Eng Lit & C AP – 13043/43043	5	4	3
	IB English HL 1 – 13233-43233	5	4	3
	IB English HL 2 – 13243/43243	5	4	3
MATH				
	IM 2 Hon – 17050/47050	4.5	3.5	2.5
	IM 3 Hon – 17090/47090	4.5	3.5	2.5
	P Trig/Pr Cal Hon – 17061/47061	5	4	3
	P Statistics AP – 17063-47063	5	4	3
	Calculus AB AP – 17073/47073	5	4	3
	Calculus BC AP – 17074/47074	5	4	3
	IB Math Studies SL – 17261/47261	5	4	3
	IB Mathematics SL – 17273/47273	5	4	3
SCIENCE	Computer Sci Applications AP – 17450/47450	5	4	3
	P Bio AP – 14023/44023	5	4	3
	P Envir Sci AP – 14073/44073	5	4	3
	P Chem AP – 14123/44123	5	4	3
	P Physics 1 AP – 14151/44151	5	4	3
	P Physics 2 AP – 14152/44152	5	4	3
	P Phys C Mech AP – 14154/44154	5	4	3
	IB Biology SL – 14221/44221	5	4	3
	IB Biology HL 1 – 14233/44233	5	4	3
	IB Biology HL 2 – 14243/44243	5	4	3
	IB Chemistry SL – 14251/44251	5	4	3
	IB Environmental – 14074/44074	5	4	3
	Chemistry Honors – 14122/44122	4.5	3.5	2.5
	Computer Sci Prin AP – 16044/46044	5	4	3
SOCIAL STUDIES	P Eur His AP – 15013/45013	5	4	3
	World History AP – 15023/45023	5	4	3
	P US Hist AP – 15033-45033	5	4	3
	P Gov & Pol US AP – 15043/45043	5	4	3
	P Econ Micro AP – 15053/45053	5	4	3
	Psych AP – 15063-45063	5	4	3
	IB History of Americas HL 1 – 15233/45233	5	4	3
	IB History of Americas HL 2 – 15243/45243	5	4	3
FOREIGN LANGUAGES	P French Lang AP – 12043/42043	5	4	3
	P Spanish Lang AP – 12243/42243	5	4	3
	Spanish Lit AP – 12253/42253	5	4	3
	IB Spanish SL – 12283/42283	5	4	3
VISUAL PERFORMING ARTS	P Art His AP – 11083/41083	5	4	3
	Music Theory AP – 11139/41139	5	4	3
	IB Theatre SL – 11211/41211	5	4	3
	IB Theatre HL 1 – 11223/41223	5	4	3
	IB Theatre HL 2 – 11233/41233	5	4	3
	IB Visual Arts – 11241/41241	5	4	3
	IB Visual Arts HL 1 – 11242/41242	5	4	3
	IB Visual Arts HL 2 – 11243/41243	5	4	3
	Studio Art AP – 12874/42874	5	4	3

ACADEMIC MEDALS, VALEDICTORIAN, SALUTATORIAN, JUNIOR HONOR ATTENDANTS

DEFINITIONS FOR SELECTION

Valedictorian: The student(s) with the highest number of “quality weighted points” for the highest grades in 48 semester courses from the “Academic Achievement Course List.”

Salutatorian: The student(s) with the second highest number of “quality weighted points” for the highest grades in 48 semester courses from the “Academic Achievement Course List.”

Quality Weighted Points: A factor of “weight” as follows:

For AP courses: “A” = 5 points, “B” = 4, “C” = 3

“A” in classes on the Academic Achievement list = 4.5 points, “B” = 3.5, “C” = 2.5 (see list on pg. 7)

PROCESS FOR SELECTION OF VALEDICTORIAN AND SALUTATORIAN

- A. Selection is based on total points in 48 semester courses selected from “Academic Achievement” approved list.
- B. The student may not have any Ds, Fs, or NCs.
- C. The student must attend three years in a district high school and the final two years at one site.
- D. No more than one PE, Peer Tutor course per semester.
- E. The site administrator will review candidate applications during the fourth quarter of the senior year to determine the final selection of Valedictorian and Salutatorian.

PROCESS FOR SELECTION OF JUNIOR HONOR ATTENDANTS

Junior Honor Attendants are 11th grade students selected based on:

- a Local honors weighted GPA of 3.8 or higher earned during last 5 semesters at a FUSD district high school**
- No: Ds, Fs, Ns or Us
- No more than one PE course per semester

The site administrator will review candidates during January to determine the final selection of the Junior Honor Attendants. Students will be notified in April.

**Based on semester grades posted in May and December of each year.

ACADEMIC MEDALS

Medals are awarded to students each semester for the previous semester grades.

Medals are not awarded based on GPA, but points as follows.



- A. **Gold medal= 23 or more points**
- B. **Silver medal= 21 to 22.5 points**
- C. All graded courses (periods 0-6) shall be counted.
- D. P grades received in P/NP courses only = 3.5 points
- D. Medals are based on grades earned at a Fontana Unified Comprehensive High School
- E. Any D, F or U, and letter grades changed to a P or NP disqualifies a candidate for consideration.
- F. Work experience, and summer school credit do not count toward quality points total.
- G. No more than one PE activity course per semester may be counted.

UNIVERSITY OF CALIFORNIA

ADMISSION REQUIREMENTS

To satisfy this requirement, students must complete the high school courses listed below with a grade point average defined by the scholarship requirement. This sequence of courses is known as the “A-G” requirements.

Students must take 15 units of high school courses to fulfill the 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.)

Beginning in 2012, all applicants will need to complete 11 of the 15 “A-G” courses by the end of their junior year.

Subject Requirement

- a. **History/Social Science: 2 years required.** Two years of history/social science, including one year of world history, cultures and geography; and one year of U.S. history or one-half year of U.S. history and one-half year of civics or American government.
- b. **English: 4 years required.** Four years of college-preparatory English that include frequent and regular writing, and reading of classic and modern literature. No more than one year of EL-type courses can be used to meet this requirement.
- c. **Mathematics: 3 years required, 4 years recommended.** Three years of college-preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry. Approved integrated math courses may be used to fulfill part or all of this requirement, as may math courses taken in the seventh and eighth grades that your high school accepts as equivalent to its own math courses.
- d. **Laboratory Science: 2 years required, 3 years recommended.** Two years of laboratory science providing fundamental knowledge in at least two of these three foundational subjects: biology, chemistry and physics. Advanced laboratory science classes that have biology, chemistry or physics as prerequisites and offer substantial additional material may be used to fulfill this requirement, as may the final two years of an approved three-year integrated science program that provides rigorous coverage of at least two of the three foundational subjects.
- e. **Languages Other than English: 2 years required, 3 years recommended.** Two years of the same language other than English. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, composition and culture. Courses in languages other than English taken in the seventh and eighth grades may be used to fulfill part of this requirement if your high school accepts them as equivalent to its own courses.
- f. **Visual/Performing Arts (VPA): 1 year required.** A single yearlong approved arts course from a single VPA discipline: dance, drama/theater, music or visual art.
- g. **College Preparatory Electives: 1 year required.** One year (two semesters), in addition to those required in “a-f” above, chosen from the following areas: visual and performing arts (non-introductory level courses), history, social science, English, advanced mathematics, laboratory science and language other than English (a third year in the language used for the “e” requirement or two years of another language).

Scholarship Requirement

The Scholarship Requirement defines the grade point average (GPA) you must earn in the “A-G” subjects and the test scores you must achieve to be eligible for admission to UC. The University uses an Eligibility Index – a combination of GPA and test scores – to determine if you meet this requirement. The minimum GPA is 3.0 for California residents, 3.4 for nonresidents.


The University calculates the GPA in the “A-G” subjects by assigning point values to the grades a student earns, totaling the points, and dividing the total by the number of “A-G” course units. Points are assigned as follows: A = 4 points, B = 3 points, C = 2 points, D = 1 point and F = 0 points. The University assigns extra points for up to four units of certified honors level and advanced placement course taken in grade 10, 11, and 12: A = 5 points, B = 4 points, C = 3 points. A maximum of two of the four units may be taken in grade 10. Grades of D are not assigned extra honor points. (Extra points will be awarded to 10th graders only when they take honors or advanced placement courses normally taken by students in the 11th or 12th grades.)

Only grades the student earns in the “A-G” subjects in the 10th, 11th, and 12th grades are used to calculate the GPA to determine minimum eligibility for admission. Courses taken in the 9th grade can be used to meet the subject requirement if the students earn a grade of C or better, but they will not be used to calculate the GPA.

To see whether you meet the Scholarship Requirement, refer to the index and detailed information below.

UC ELIGIBILITY INDEX

Below are the combinations of GPA and UC Score Totals that meet UC’s minimum requirements.

<u>California Residents</u>		3.60 – 3.64	231
“A-G” GPA	Minimum UC Score Total	<u>Non California Residents</u>	
3.00 – 3.04	263	“A-G” GPA	Minimum UC Score Total
3.05 – 3.09	261	3.40 – 3.44	147
3.10 – 3.14	259	3.45 & above	143
3.15 – 3.19	256		
3.20 – 3.24	254		
3.25 – 3.29	252		
3.30 – 3.34	249	Link: http://admission.universityofcalifornia.edu/freshman/california-residents/admissions-index	
3.35 – 3.39	246		
3.40 – 3.44	244		
3.45 – 3.49	241		
3.50 – 3.54	238		
3.55 – 3.59	234		

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Examination Requirement

Students must submit the following test scores:

- **Scholastic Assessment Tests (SAT 1) or American College Test (ACT).** The verbal and mathematics scores on the SAT must be from the same sitting. The ACT composite score must be submitted.

Beginning in 2012, the SAT 2 is no longer required, but suggested for strengthening your application.

- **SAT 2 (Two College Board Achievement Tests),** Choose from two areas: English literature, foreign language, science, social studies, or math level 2.

Students applying for admission to the Fall term should take these tests no later than December of their Senior year and preferably in November to ensure that their application receives prompt and full consideration.

Eligibility by Examination Alone

A third path to UC admission is through examination alone. To qualify this way, a student must satisfy the same examination requirement as students who are eligible in the Statewide Context. Students must achieve a minimum UC Score Total of 410 as calculated according to the instructions on www.universityofcalifornia.edu/admissions/paying-for-uc/scholarships. In addition, students must achieve a minimum UC Score of 63, according to the Translation Table on the calculation website on each component of the ACT or SAT Reasoning Test and on each SAT Subject Test.

Students may not use an SAT Subject Test to meet these requirements if they have taken a transferable college course in that subject.

An applicant who is currently attending high school may qualify for admission to the University by examination alone without completing his or her high school program.

Calculating the UC Score Total for students who took the SAT Reasoning Test:

Convert the student's highest scores in critical reading, math and writing from a single sitting and the two highest SAT Subject Test scores from two different subject areas to equivalent UC Scores. Then add the five UC Scores to produce the UC Score Total.

Example: Critical reading + math + writing + Subject Test 1+ Subject Test 2= UC Score Total.

Calculating the UC Score Total for student who took the ACT plus Writing Exam:

Convert the student's highest math, reading, science, and combined English/writing scores from a single sitting to UC Scores. Multiply the sum of the converted math, reading and science score by two-thirds, and then add the converted English/writing score. Add this subtotal to the two highest SAT Subject Test scores from two different subject areas, which are also converted to equivalent UC Scores.

Example: (math + reading + science) x 0.667 + English/writing + Subject Test 1 + Subject Test 2 = UC Score Total.



Courses to meet admission requirements: Underlined courses denote extra honors credit

a-HISTORY

American Government CP

**American Government Sheltered

European History (AP)

Government & Politics US (AP)

U. S. History (AP)

U. S. History CP

**U. S. History Sheltered

World History (AP)

World Hist/Culture/Geography CP

**World History Sheltered

b-ENGLISH

Freshman English (H)

Freshman English CP

**Freshman English Sheltered

Junior English CP

English Language and Composition (AP)

**Junior English Sheltered

Senior English CP

English Literature and Composition AP

**Senior English Sheltered

Sophomore English (H)

Sophomore English CP

**Sophomore English Sheltered

c-MATHEMATICS (*may only be used for the “c” requirement)

*Integrated Math 1 (IM1)

*Integrated Math 2 (IM2)

*Integrated Math 3 (IM3)

*Integrated Math 3 Honors (IM3 H)

IM1 – ICT

IM2 – ICT

**IM1 Sheltered Calculus (AP)

Calculus AP BC

Statistics (AP)

Trig/Pre-Calculus (H)

d-LABORATORY SCIENCE

Biology (AP)

Biology CP

**Biology Sheltered

****Note:** Students may only use 1 year of sheltered for A-G requirement

d-LABORATORY SCIENCE-Cont'd

Chemistry

Chemistry (AP)

Environmental Science (AP)

Physics

Physiology

e-FOREIGN LANGUAGE

French 1, French 2, French 3

French Lang AP

Spanish 1, Spanish 2, Spanish 3

Spanish 2 Native Speaker

Spanish 3 Native Speaker

Spanish Language AP

Spanish Literature AP

Chinese 1

Chinese 2

f-VISUAL and PERFORMING ARTS

Art 1A/1B

Art 2A/2B

Art History AP

Ceramics 1A/1B

Choir Ensemble

Dance 1

Multi-Media Design & Communication 1A/1B

Advanced Multi-Media Design & Communication 1A/1B

Drama 1A/1B

Drama 2A/2B

Madrigals

Marching Band

Music Theory AP

Orchestra

Theater Production

Technical Theater

Digital Photography

Advance Digital Photography

TV Production

Soprano Glee

****Note:** Students may only use 1 year of sheltered for A-G requirement

g-ELECTIVE

Art Research AP

Art Seminar AP

Geology

**Geology Sheltered

Economics: Micro AP

Economics CP

Economics Sheltered

Marine Biology

Psychology

Sociology 1A

Virtual Enterprise 1A/1B

****Note:** Students may only use 1 year of sheltered for A-G requirement

CALIFORNIA SCHOLASTIC FEDERATION

Summit High School Chapter 1322-s

LIST I

ENGLISH:

1. Freshman English CP/Honors and Sheltered
2. Sophomore English CP, Honors and Sheltered
3. Junior English CP, Honors and Sheltered
4. English Language AP
5. Senior English CP, Honors and Sheltered
6. English Literature AP
7. Expository Reading and Writing Course (ERWC)

SOCIAL STUDIES:

1. World History/Cultures CP, AP and Sheltered
2. European History AP
3. U.S. History CP, AP and Sheltered
4. American Government CP, and Sheltered
5. Economics CP, Honors and Sheltered
6. Government & Politics US AP
7. Microeconomics AP

MATHEMATICS

1. Int Math 1 CP and Sheltered/SEI
2. Int Math 1 - 9th grade
3. Int Math 2 Plane and Solid Geometry CP, Honors and Sheltered/SEI
4. Int Math 3 CP and Honors
5. Trig/Pre-Calculus Honors
6. Calculus AB and BC
7. Statistics AP
8. Probability/Statistics
9. Mathematical Reasoning with Connections (MRWC)

FOREIGN LANGUAGE

1. Spanish 1,2,3
2. Spanish Native Speakers 2,3
3. Spanish Language AP
4. Spanish Literature AP
5. French 1,2,3
6. French Lang AP
7. Chinese 1,2

SCIENCE

1. Biology CP, Honors, AP and Sheltered
2. Chemistry CP and AP
3. Environmental Science AP
4. Physiology
5. Physics AP
6. Physics

LIST II

ENGLISH

1. English 9, 10, 11, 12 Core/RSP
2. ELD 5 (level 5 only)

SOCIAL STUDIES

1. Psychology CP and AP
2. Sociology
3. Ethnic Studies
4. Art History AP
5. Human Geography AP

MATHEMATICS

1. Int Math 1 Core/RSP
2. Int Math 2 Core/RSP
3. Computer Science Applications AP
4. Advanced Algebra with Financial Applications

SCIENCE

1. Earth Science CP and Sheltered
2. Biology Core/RSP
3. Earth Science Core/RSP
4. Marine Science Aqua/Eco
5. Geology CP
6. Forensic Biology
7. Cyber Forensics
8. Advanced Forensic Science
9. Computer Science Principles AP

VISUAL AND PERFORMING ARTS

1. Music Theory AP

LIST III

ENGLISH

1. Yearbook
2. College and Career Literacy
3. Women's Studies
4. Creative Writing

SOCIAL SCIENCE

1. Peer Leader 1
2. Peer Leader 2
3. Student Executive Board
4. Principles of Leadership

MATHEMATICS

1. Algebra Essentials
2. Math Topics
3. Intro to Algebra
4. Business Calculation
5. Intro to Geometry Core/RSP

SCIENCE

1. High School Essentials
2. Astronomy

BUSINESS

1. Multimedia Design & Communication
2. Advanced Multimedia Design & Communication
3. Small Business Management and Hospitality 1A and 1B and 2A and 2B
4. Business & Finance
5. Virtual Business
6. Digital Graphic Design 1A and 1B
7. Computer Animation 1A and 1B
8. Virtual Enterprise
9. Computer System 1A and 1B
10. Exploring Computer Science
11. Intro to Computer Programming
12. Digital Applications
13. Logistics and Internet Wealth
14. Global Business Design
15. Ethical Hacking 1, 2

VISUAL AND PERFORMING ARTS

1. Drama 1A, 1B, 2A and 2B
2. Art 1A, 1B, 2A and 2B
3. TV Production 1, 2, 3
4. Auxiliary Band
5. Marching Band
6. Concert Band
7. Jazz Band
8. Orchestra
9. Madrigals
10. Choir Ensemble
11. Ceramics 1A and 1B
12. Digital Photography 1A and 1B
13. Advanced Digital Photography 1A and 1B
14. Studio Art AP

INDUSTRIAL ARTS

1. Maintenance Light Repair (MLR) 1
2. Maintenance Light Repair (MLR) 2
3. Maintenance Light Repair (MLR) 3
4. Mechatronics Robotics 1, 2
5. Automations

OTHER

1. AVID 1,2,3,4
2. AVID Tutor
3. ELD 1,2,3,4
4. Careers In Marketing & Retail Services - CCP
5. Restaurant Occupations - CCP
6. Medical Terminology - CCP
7. Automotive Systems - CCP
8. Automotive Engine Performance – CCP
9. Personal Trainer - CCP
10. Academic Decathlon
11. Sport Medicine-CCP
12. Medical Core – CCP



CHAPTER 1322-s

CALIFORNIA SCHOLASTIC FEDERATION

Rules for Membership in C.S.F.

1. A student carrying 4 or 5 subjects (not including physical education or repeats) must earn a minimum of 10 C.S.F. points. Seven points must be in those subjects defined as academics (lists 1 & 2). The remaining 3 points may be earned from any other subject (lists 1, 2 or 3) excluding P.E., or repeated subjects. "Honor Graduate" status requires membership in C.S.F. for 4 or more semesters during grades 10-12. (One semester must be in the senior year). Highest "Honor Graduate" is earned by qualifying and gaining CSF for all six semesters in grades 10-12.
2. C.S.F. points are calculated as follows:
 - a. A=3 points, B=1 point. An 'A' or 'B' in honors or advanced placement classes earns an extra point. (Maximum of 2 extra points per semester.)
 - b. Only 5 classes are counted each semester.
3. A grade of 'D' or 'F' in any subject, including P.E., or a 'N' or 'U' in citizenship, shall bar a student from membership for that semester. Repeated courses do not count.
4. Membership is designated each semester. Students must apply and pay membership dues of \$10.00 by the designed deadline each semester.



NCAA Approved Courses (48H)

What is the NCAA Initial-Eligibility Center?

The NCAA Initial-Eligibility Center (the clearinghouse) is an organization that works with the NCAA to determine a student's eligibility for athletics participation in his or her first year of college enrollment. Students who want to participate in college sports during their first year of enrollment in college must register with the clearinghouse.

Located in Indianapolis, IN, the clearinghouse staff follows NCAA bylaws and regulations in analyzing and processing a student's high school academic records, ACT or SAT scores, and key information about amateurism participation to determine the student's initial eligibility.

Division 1

If you enroll in Division 1 college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school
- Complete these **16** core courses:
 - 4 years of English
 - 3 years of math (algebra 1 or higher)
 - 2 years of natural or physical science (including one year of lab science if offered by your high school)
 - 1 extra year of English, math or natural or physical science
 - 2 years of social science
 - 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
 - Earn a minimum required grade-point average in your core courses; and
 - Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale (for example, a 2.400 core-course grade-point average needs a SAT score of 860).

There are three possible initial-eligibility outcomes:

- **Full Qualifier:** May receive athletics aid (scholarship), practice and compete in the first year of enrollment at the Division I college or university.
- **Academic Redshirt:** May receive athletics aid (scholarship) in the first year of enrollment and may practice in the first regular academic term (semester or quarter) but may *not* compete in the first year of enrollment. The student-athlete must successfully complete nine semester hours or eight quarter hours in the initial term at his/her college or university to continue to practice in the next term.
- **Nonqualifier:** Cannot receive athletics aid (scholarship), practice or compete in the first year of enrollment.

Full Qualifier must:

- Graduate from high school.
- Complete 16 core course requirement
- Ten of the 16 core courses must be completed before the start of the seventh semester (senior year) of high school.
- Seven of the 10 core courses must be English, math or natural or physical science.
- Have a minimum core-course grade-point average of 2.300
- Grades earned in the 10 courses required before the seventh semester are "locked in" for purposes of grade-point average calculation.
- A repeat of any of the "locked in" courses will not be used to improve the grade-point average if the repeat occurs after the seventh semester begins.
- Meet the sliding scale of grade-point average and ACT/SAT score; and

NCAA (Cont'd)

Academic Redshirt must:

- Graduate from high school.
- Complete the 16 core-course requirement
- Have a minimum core-course grade-point average of 2.000
- Meet the sliding scale of grade-point average and ACT/SAT score; and

Student-athletes who fail to meet the required 10 core courses prior to the start of the seventh semester (seven of which must be in English, math, or natural or physical science), will be allowed to re-take core courses in the seventh or eighth semester, which will be used in their academic certification for the purposes of meeting the academic redshirt requirements.

Nonqualifier: Fails to meet the standards for a qualifier or for an academic redshirt.

Division 2

If you enroll in a Division 2 college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- Graduate from high school
- Complete these 16 core courses:
 - 3 years of English
 - 2 years if math (algebra 1 or higher)
 - 2 years of natural or physical science (including one year of lab science if offered by your high school)
 - 3 extra years of English, math or natural or physical science
 - 2 years of social science
 - 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy)
- Earn a 2.000 grade-point average or better in your core courses; and
- Earn a combined SAT score of 820 or an ACT sum score of 68. There is no sliding scale in Division 2.

An entering freshman must:

- Be a graduate from an accredited high school or be accepted as a regular student in good standing as defined by the enrolling institution **and**
- Meet **two of the three** following requirements. If as a freshman you do not meet at least two of the three standards, you cannot participate in athletics for the first full year of attendance (2 semesters, 3 quarters or equivalent).

Must Meet Two of the Three following:

1. Test Score Requirement: Achieve a minimum of 18 on the ACT or 860 on the SAT.
2. High School GPA Requirement: Achieve a minimum overall high school GPA of 2.0 on a 4.0 scale.
3. Class Rank Requirement: Graduate in the top half of your high school class.

*COVID waiver in place 2021-2022

NCAA Eligibility Center: (877) 262-1492, Call Center Hours: 8a.m. - 6p.m. EST Monday-Friday

CALIFORNIA STATE UNIVERSITY

FRESHMAN ADMISSION REQUIREMENTS

***Please refer to www.csumentor.edu for any updates or changes**

The grades you earn in high school are the most important factors in CSU admission decision. Your high school grades in all your college prep “A-G” classes completed after the 9th grade.

You will qualify for regular admission as a first-time freshman if you:

1. are a high school graduate.
2. have completed with a grade of C or better each of the courses in the comprehensive pattern of college preparatory subject requirements, and
3. have a qualifiable eligibility index (see next page).

A-G SUBJECT REQUIREMENTS

CSU requires first-time freshman applicants to complete, with a grade C or better in each course, the following comprehensive pattern of college preparatory study totaling 15 units. A "unit" is one year of study in high school.

History & Social Science	2 years	(including 1 year of U. S. history or 1 semester of U. S. history and 1 semester of civics or American government and 1 year of social science)
English	4 years	4 years of English are required.
Mathematics	3 years	(4 years is recommended) including Algebra 1, Geometry, Algebra 2, or higher Mathematics (take one each year)
Science	2 years	with laboratory: Biology, Chemistry, Physics, or other acceptable laboratory science
Foreign Language	2 years	in the same language (subject to waiver for applicants demonstrating equivalent competence)
Visual and Performing Arts	1 year	Art, Dance, Drama/Theater, or Music
Electives	1 year	selected from English, Advanced Mathematics, Social Science, History, Laboratory Science, Foreign Language, Visual and Performing Arts, and Agriculture.

CALIFORNIA STATE UNIVERSITY FRESHMAN ADMISSION REQUIREMENTS (CONTINUED)

Eligibility Index

The Eligibility Index is a combination of your high school grade point average and your test score on either the American College Test (ACT) or the Scholastic Assessment Tests (SAT). Your grade point average is based on grades earned during the final three years of high school (excluding physical education and military science) and bonus points for each C or better grade in approved honors courses. Up to eight semesters on honors courses taken in the last two years of high school can be accepted. Each grade of A in an honors course will receive a total of 5 points; B, 4 points, and C, 3 points.

The table below shows the combination of test scores and averages required. You can calculate the index by multiplying your grade point average by 800 and adding your total score on the SAT. Or, if you took the ACT, multiply your grade point average by 200 and add ten times the ACT composite score. You need a minimum index of 2900 using the SAT or 694 using the ACT. If you apply for admission before you graduate from high school, you should compute your GPA using grades earned in courses completed after the 9th grade. Do not include grades that you expect to earn in courses during the remainder of 12th grade.

If your grade point average is 3.00 or above, you are not required to submit test scores. However, you are urged to take the SAT or ACT since campuses use test results for advising and placement purposes.

Index

GPA ACT	Score SAT	Score	GPA ACT	Score SAT	Score	GPA ACT	Score SAT	Score	GPA ACT	Score SAT	Score	GPA ACT	Score SAT	Score
3.00 and above qualifies with any score			2.79	14	670	2.58	18	840	2.37	22	1010	2.16	27	1180
2.99	10	510	2.78	14	680	2.57	18	850	2.36	23	1020	2.15	27	1180
2.98	10	520	2.77	14	690	2.56	19	860	2.35	23	1020	2.14	27	1190
2.97	10	530	2.76	15	700	2.55	19	860	2.34	23	1030	2.13	27	1200
2.96	11	540	2.75	15	700	2.54	19	870	2.33	23	1040	2.12	27	1210
2.95	11	540	2.74	15	710	2.53	19	880	2.32	23	1050	2.11	28	1220
2.94	11	550	2.73	15	720	2.52	19	890	2.31	24	1060	2.10	28	1220
2.93	11	560	2.72	15	730	2.51	20	900	2.30	24	1060	2.09	28	1230
2.92	11	570	2.71	16	740	2.50	20	900	2.29	24	1070	2.08	28	1240
2.91	12	580	2.70	16	740	2.49	20	910	2.28	24	1080	2.07	28	1250
2.90	12	580	2.69	16	750	2.48	20	920	2.27	24	1090	2.06	29	1260
2.89	12	590	2.68	16	760	2.47	20	930	2.26	25	1100	2.05	29	1260
2.88	12	600	2.67	16	770	2.46	21	940	2.25	25	1100	2.04	29	1270
2.87	12	610	2.66	17	780	2.45	21	940	2.24	25	1110	2.03	29	1280
2.86	13	620	2.65	17	780	2.44	21	950	2.23	25	1120	2.02	29	1290
2.85	13	620	2.64	17	790	2.43	21	960	2.22	25	1130	2.01	30	1300
2.84	13	630	2.63	17	800	2.42	21	970	2.21	26	1140	2.00	30	1300
2.83	13	640	2.62	17	810	2.41	22	980	2.20	26	1140	Below 2.00 does not qualify for regular admission		
2.82	13	650	2.61	18	820	2.40	22	980	2.19	26	1150			
2.81	14	660	2.60	18	820	2.39	22	990	2.18	26	1160			
2.80	14	660	2.59	18	830	2.38	22	1000	2.17	26	1170			

COMMUNITY COLLEGE



Admission Requirements for local community colleges:

1. **Educational requirement:** Any high school graduate, or an adult 18 years of age or older, may be admitted to Chaffey and San Bernardino Valley College.

2. **Admission Procedures:**

Full time students (12 or more units) or part time students (less than 12 units)

- a. Go to the school's website and click on admissions/application, and fill out the online application. Follow online directions. Or you may go to the admissions office on campus and fill out a paper application in person.
- b. Click on the counseling/assessment link and either call the counseling/assessment center to schedule your English/Math assessment appointment or schedule it online.
- c. Make an appointment with the Counseling staff at the college to review test results and see which classes are appropriate to take based on your academic goals.

Note: An English placement test is required for all new students who want to take English 101

3. **Programs offered by the Community College:**

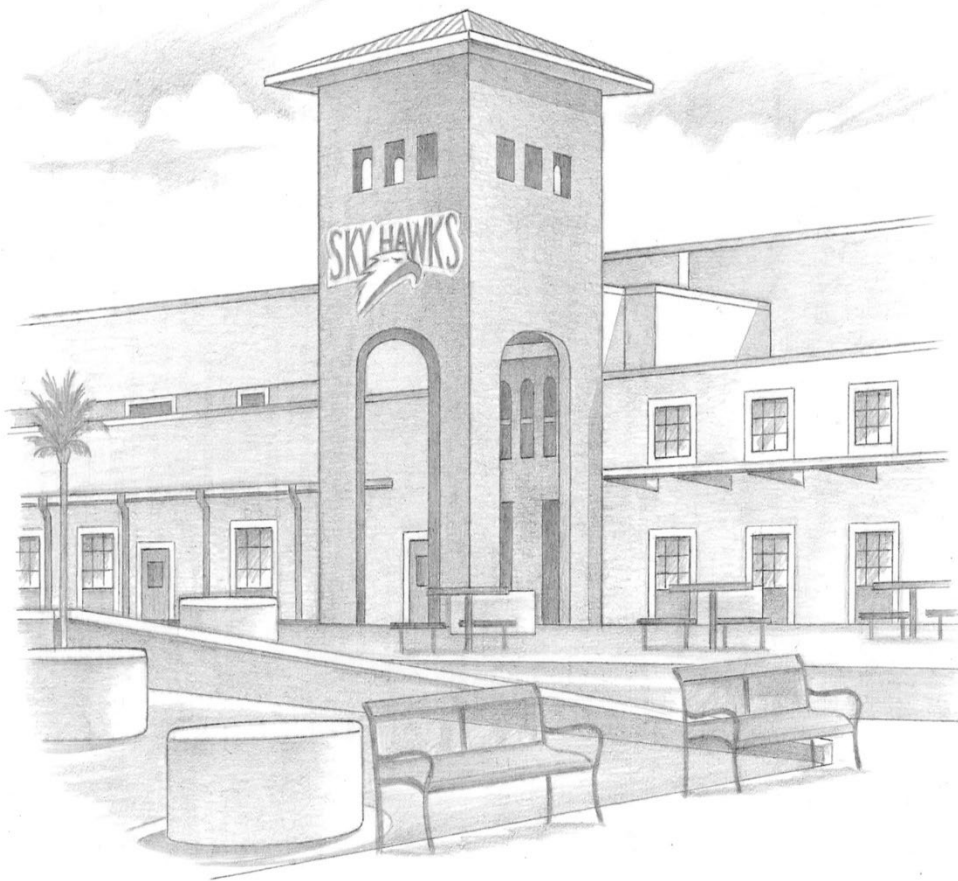
- a. Pre-Professional courses: To fulfill the first two years of college work for students planning to transfer to a four-year college or university.
- b. Vocational Courses: To prepare students for jobs in business, trades and industry immediately after two years of community college training. Often students can earn certificates in their vocational field.
- c. Opportunity to make up deficiencies in high school work in order to be admitted to a four-year college or university.
- d. Concurrent High School student enrollment for students who would like to take a college course while they are in high school. (Minimum eligibility requirements apply. See your high school counselor for more information).

PRIVATE COLLEGES

Because of the differences in admission requirements among private schools and out-of-state universities, it is recommended that a student study the particular catalog for each school. College catalogs from all areas of the United States are available in the guidance office or may be obtained by writing to the director of admissions of any college. Most catalogs are also available online on the college website of each school. A general statement may be made that the program of the University of California meets almost all of the requirements of any other school.

PLEASE CHECK WITH A COUNSELOR CONCERNING ANY PROGRAM OUTSIDE THE REGULAR SCHOOL DAY OR POST SECONDARY LEVEL

COURSE



DESCRIPTIONS

SCHOOL OF BUSINESS & TECHNOLOGY

COURSE NUMBER	COURSE TITLE	COURSE LENGTH	GRADE LEVEL
0162	Automotive Systems - CCP	1 semester	9,10,11,12
0163	#Automotive Engine Performance - CCP	1 semester	9,10,11,12
0173	Logistics and Internet Wealth	1 year	9,10,11,12
1067	TV Production	1 year	10,11,12
1209	#Advance Digital Photography	1 year	10,11,12
1210	Digital Photography	1 year	9,10,11,12
3334	#TV Production 2	1 year	10,11,12
6021	Business and Finance 1A/1B	1 yr/1 sem	9,10,11,12
6032	Intro to Computer Programming	1 year	9, 10, 11,12
6043	Exploring Computer Science	1 year	9, 10, 11, 12
6044	**Computer Science Principles AP	1 year	11,12
6049	Game Development	1 year	11, 12
6068	Digital Applications	1 year	11, 12
6089	Global Business Design	1 year	11,12
6131	#Mechatronics Robotic 1	1 year	10, 11
6132	#Mechatronics Robotic 2	1 year	11, 12
6141	#Ethical Hacking 1: Defensive Hardening	1 year	11, 12
6142	#Ethical Hacking 2	1 year	11, 12
6423	**Multi-Media Design & Communication 1A/1B	1 semester	10,11
6424	***Advanced Multi-Media Design & Communication 1A/1B	1 year	10, 11, 12
6711	#Maintenance Light Repair (MLR) 1	1 semester	9,10,11,12
6712	#Maintenance Light Repair (MLR) 2	1 semester	9,10,11,12
6713	Maintenance Light Repair (MLR) 3	1 year	10, 11, 12
7450	***Computer Science Applications AP	1 year	11, 12

May be repeated for credit.

** University of California & California State University acceptable course

SCHOOL OF BUSINESS & TECHNOLOGY

- | | | | |
|-------------|--|----------------------|--------------------------|
| 0162 | <u>Automotive Systems CCP</u> | <u>1 year</u> | <u>9,10,11,12</u> |
| | This course provides instruction and training in automotive system components. Instruction will cover the basic system components such as electronics, fuel systems, power and drive train, lubricating, climate control and emissions. Students will experience proper use of hand tools, power tools, testing and troubleshooting equipment, as well as service manuals. These skills will provide students with a solid foundation for continued training in this field. | | |
| | | | |
| 0163 | <u>Automotive Engine Performance CCP</u> | <u>1 year</u> | <u>9,10,11,12</u> |
| | This course provides instruction and training in automotive system components. Instruction will cover the basic system components such as electronics, fuel systems, power and drive train, lubricating, climate control and emissions. Students will experience proper use of hand tools, power tools, testing and troubleshooting equipment, as well as service manuals. These skills will provide students with a solid foundation for continued training in this field. | | |
| | | | |
| 0173 | <u>Logistics and Internet Wealth</u> | <u>1 year</u> | <u>10,11,12</u> |
| | This course examines all forms of international Trade and Supply Chain Management in the global business environment. Students will examine the role of trade in the global economy and analyze purposes, effects of quota, tariffs, and trade agreements on business, governments and individuals throughout the world. Students will analyze the challenge of conducting intercultural business and trade, and they will develop international agreements that balance the conflicting interests of different nations. Logistics and Internet Wealth will introduce students to the concept of corporate citizenship, the responsibilities companies have to enact, policies and practices that address emerging social and environmental issues around the world. Students will examine the effects practices have on the companies' stakeholders, shareholders and customers. Students will be introduced to the import/export business. | | |
| | | | |
| 1067 | <u>TV Production</u> | <u>1 year</u> | <u>10,11,12</u> |
| | PREREQUISITE: Teacher approval required. "C" or better in English class prior to enrolling in this course.
Students learn about video production concepts and receive "hands-on" training in video equipment and editing software. Students will develop and apply knowledge of artistic principles, aesthetics, and acquire technical skills in producing film from concept to finished product and perceive film and digital medias as both an art form and communication tool. Students will produce a weekly broadcast for SkyHawk News. This is a foundational course for broadcast television, film, and video production. Students will develop and apply theoretical knowledge through creation of original creative works that demonstrate understanding of all critical aspects of the production process.
May be repeated for credit. | | |
| | | | |
| 1209 | <u>Advance Digital Photography</u> | <u>1 year</u> | <u>10,11,12</u> |
| | PREREQUISITE: "C" or better in Digital Photography.
Traditional skills in the technical aspects of photography will be reviewed and the usage of supportive software will be expanded. Students will explore technical, artistic, and commercial aspects of photography, including advertising and fashion, photojournalism and documentary, portraiture, action and sports, photomontage, and mixed media. The course will include on and off camera flash techniques, studio strobe usage, advanced digital camera operations, and also further expand the Photoshop experience. Class time will enable students to work on independent and cooperative explorations. Assignments are designed to help explore options for technical control as well as visual experimentation. Technical concepts are demonstrated and practiced. | | |
| | | | |
| 1210 | <u>Digital Photography</u> | <u>1 year</u> | <u>9,10,11,12</u> |
| | Digital Photography is an introduction to the digital camera as an art-making tool designed for students at the beginning level. The course will use digital photography to help students learn and apply the basic elements of art and the principles of design. This course will also provide students with opportunities to extend their knowledge and skills in the field of photography and the use of Photoshop. Digital Photography will familiarize the student with digital photographic equipment, materials, methods, and processes. Visual problem-solving skills are explored through the use of the computer as the main tool for creative expression and communication. | | |

SCHOOL OF BUSINESS & TECHNOLOGY

Continued

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|--------------------|--|--------------------------|-----------------------------|
| <u>3334</u> | <u>TV Production 2</u> | <u>1 year</u> | <u>11, 12</u> |
| | <p>PREREQUISITE: Teacher approval required. Student must have a “C” or better in their English class prior to enrolling in this course and a grade of “C” or better in TV Production 1.</p> <p>Students learn about video production concepts and receive “hands-on” training in video equipment and editing software. Students will develop and apply knowledge of artistic principles, aesthetics, and acquire technical skills in producing film from concept to finished product and perceive film and digital medias as both an art form and communication tool. Students will produce a weekly broadcast for SkyHawk News. This is a foundational course for broadcast television, film, and video production. May be repeated for credit.</p> | | |
| | | | |
| <u>6021</u> | <u>Business and Finance 1A/1B</u> | <u>1 semester</u> | <u>9,10,11,12</u> |
| | <p>CIS is an introduction to information systems, principles, and applications of computers, including their role in business and society. Designed to provide computer and information literacy for both Computer Information System majors and non-majors. CIS reinforces keyboarding and formatting skills and introduces computer ethics, computer fundamentals, information competency/literacy, hardware and peripherals, storage, networking, communications, operating system, application software (Word Processing, Spreadsheet, Database, Excel, Access, and Publisher), JAVA language, presentation software & Internet safety. This course is articulated with Chaffey College. This course meets UC A-G Academic Approval.</p> | | |
| | | | |
| <u>6423</u> | <u>Multi-Media Design and Communication (Graphic Design)</u> | <u>1 semester</u> | <u>9, 10, 11, 12</u> |
| | <p>Digital Design is visual words and images that communicate a message to an audience. This course provides students an opportunity guage, business and career concepts of and about 2-Dimensional design utilizing the computer and the Adobe Master Collection software. Students will develop an understanding of the elements of design and explore the difficulties of connecting different design elements with practical considerations of a project. Class participants will be instructed in the process of how to complete numerous computer-based projects, starting from preliminary sketching of ideas, to designing and completing projects by a production deadline. Students will develop basic skills to create designs that demonstrate their ability to effectively communicate their design process. Students will process, respond to and critique design works using their knowledge of the elements of art and principles of design. Students will develop an understanding of the role and development of design through cultural and historical context, and then relate those design concepts to their own life experiences. This course meets UC A-G Fine Arts Approval.</p> | | |
| | | | |
| <u>6424</u> | <u>Advanced Multi-Media Design and Communication (Graphic Design)</u> | <u>1 year</u> | <u>10, 11, 12</u> |
| | <p>PREREQUISITE: “C” or better in Multi-Media Design and Communication</p> <p>Students will choose the Adobe Creative Cloud program they want to master. Students will have access to print screening equipment, tablets, cameras and video equipment and are encouraged to apply their creative skills to community collaborations and competitive events including: Skills USA. Students will have the opportunity to certify and receive an Adobe Certified Associate (ACA) certification in an Adobe Creative Cloud program. This course meets UC A-G Fine Arts Approval.</p> | | |
| | | | |
| <u>6032</u> | <u>Intro to Computer Programming</u> | <u>1 semester</u> | <u>9, 10, 11, 12</u> |
| | <p>PREREQUISITE: Must pass IM1 with a C or better, enrolled in IM2 and teacher approval.</p> <p>Students will learn the fundamental concepts and terminology of software application development and develop skills in designing and writing simple computer programs. The course assumes no programming background and provides an overview of the software development process in addition to introducing important programming constructs and methodologies.</p> | | |
| | | | |
| <u>6043</u> | <u>Exploring Computer Science</u> | <u>1 semester</u> | <u>9, 10, 11, 12</u> |
| | <p>PREREQUISITE: Must pass IM1 with a C or better, enrolled in IM2 and teacher approval.</p> <p>This course introduces students to the fundamental concepts of Computer Science, such as typing, hardware, software, programming, internet, online safety and ethics. Students will have the opportunity to learn and develop keyboarding skills, assemble a desktop computer, install operating systems, test and debug software, design and build small-scale websites, build a basic application and understand data structures. The numeric binary system and basic computer programming. The course covers computer hardware and software components, introduction to computer programming, introduction to App building and webpage design.</p> | | |

SCHOOL OF BUSINESS & TECHNOLOGY

Continued

<u>6044</u>	<u>Computer Science Principles Advanced Placement</u>	<u>1 year</u>	<u>11, 12</u>
	PREREQUISITE: C or better in Exploring Computer Science and/or Teacher Approval		
	AP Computer Science Principles is a college level course that introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, students learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society by communicating and collaborating on a large scale.		
<u>6049</u>	<u>Game Development</u>	<u>1 year</u>	<u>11, 12</u>
	PREREQUISITE: C or better in Digital Applications Course		
	Students learn to program, design , prototype and test their own projects and also work in groups using Unity Development Engine. In addition to creating one's own unique games, students learn video game history, theory, and production, including current trends in digital games and gaming . Students will also learn the basics of creating video game assets and animations.		
<u>6068</u>	<u>Digital Applications</u>	<u>1 year</u>	<u>11, 12</u>
	PREREQUISITE: C or better in Intro to Computer Programming and/or Teacher Approval		
	Students will learn how to use industry level software to create games and applications. You will build multiple apps and games while mastering the basics of the Unity development tool. You will learn about the development process as you refine software and improve user experience. Learn how to build software/games and become an entrepreneur by making your ideas come to life through code.		
<u>6089</u>	<u>Virtual Enterprise</u>	<u>1 year</u>	<u>11, 12</u>
	RECOMMENDED: Digital Graphic Design 1A/1B		
	A Virtual Enterprise is a simulated business that is set up and run by students to prepare them for working in a real business environment. The students determine the nature of their business, its products and services, its management and structure, and learn the daily operations of a business. Students conduct business transactions with student enterprises across the nation via the internet and virtual trade fairs.		
<u>6131</u>	<u>Mechatronics Robotic 1</u>	<u>1 year</u>	<u>10, 11</u>
	PREREQUISITE: C or better in IM2 and/or Teacher Approval		
	This course is a multidisciplinary branch of engineering. It is the study of mechanical systems in electricity, circuitry, gear (chain/belt) systems, pneumatic/hydraulic systems, computers (Programmable Logic Controllers), and telecommunications. Students will use Mechatronics to build robots and/or mechanical systems.		
<u>6132</u>	<u>Mechatronics Robotic 2</u>	<u>1 year</u>	<u>11, 12</u>
	PREREQUISITE: Passed/completed Mechatronics 1		
	This course is the discipline of automating a repetitive task, reducing the margin of errors, and giving humans freedom to focus on complex tasks. Automation allows human and machine interaction in the workforce, to increase productivity while lowering costs for industry. Students are learning Robotic Manufacturing, working directly with robots identical to those used in industry.		
<u>6141</u>	<u>Ethical Hacking 1: Defensive Hardening</u>	<u>1 year</u>	<u>11, 12</u>
	PREREQUISITE: C or better in Intro to Computer Programming and/or Teacher Approval		
	Students will learn to troubleshoot IT problems, build/repair computers, explain the purpose of computer hardware components, install network devices, compare/contrast mobile devices and laptops, explain the different types of memory, explain the types of printing processes, and harden most of the common Network and Hardware technologies found in businesses in the 21st century. Simply put, this course teaches the skills necessary to make computer systems impregnable to hackers.		

SCHOOL OF BUSINESS & TECHNOLOGY

Continued

- 6142** **Ethical Hacking 2** **1 year** **11, 12**
PREREQUISITE: *Offensive Countermeasures (EH2)* is the capstone course for the Ethical Hacking Pathway. For this reason, all previous courses in the path must be taken before attempting *EH2*; *AP Computer Science Principles & Ethical Hacking 1: Defensive Hardening*.
Offensive Countermeasures (EH2) is a year-long Capstone course aligning to the objectives of the CompTIA Security+ SYO-501 certification exam. The course will cover various aspects of digital security including: physical security, cryptography, operational security, and networking security. Each of these facets of security will be dissected and examined for their potential vulnerabilities to attack. At the end of each module, students will learn the different attacks that may be deployed against the given security technology to become more efficient at defending against them. These offensive skills are utilized in numerous careers that require Security+ Certification such as; Network and System Penetration Testing, Advanced Systems Administration, Computer Systems Analysts, Computer Support Specialist, Forensic Systems Analyst for the Department of Defense, to name just a few.
- 6711** **Maintenance Light Repair (MLR) 1** **1 semester** **9,10,11, 12**
This course introduces the student to the automobile and the automotive industry. Content and objectives include: safety, the basic systems of the automobile, the automotive industry, and career opportunities. Most instruction is lecture and demonstration with some lab exercises. Total classroom and lab instruction time is 90 hours. The content of this course is structured from National Automotive Technicians Foundation (NATEF).
- 6712** **Maintenance Light Repair (MLR) 2** **1 semester** **9,10,11,12**
This course builds on the foundations of Auto 1A. Students will have a broader understanding of the automobile and the automotive industry. Content and objectives include: safety and a more in-depth look at the basic systems of the automobile, the automotive industry, and career opportunities. Instruction is given by lecture and demonstration through guided practice of various automotive services tasks. Basic automotive diagnostic equipment and trouble-shooting practices are introduced. Total classroom and lab instruction time is 90 hours. Course content is structured from National Automotive Technicians Foundation (NATEF).
- 6713** **Maintenance Light Repair (MLR) 3** **1 year** **11,12**
PREREQUISITE: Completion of MLR 1 & 2 with a “C” grade or better, or with instructor’s approval.
This course builds on the foundations of Auto 1A and 1B. The course provides an in-depth study of the automobile. Course content and objectives include: safety and specific NATEF tasks/skills of the following 8 ASE services areas: Brakes, Suspension & Steering, Electrical/Electronic Systems, Engine Performance, Engine Repair, Automatic Transmission/Transaxle, Manual Drive Train and Axle and Heating and Air Conditioning. Instruction is given by lecture and demonstration through guided practice of specific NATEF task/skills. Advanced automotive diagnostic equipment and trouble-shooting practices are introduced. This is a two-period two-semester class for the school year. Total classroom and lab time is 180 total hours. The content of this course is based on the California Career Technical Education Curriculum Standards for the Transportation sector. Course content is structured by the Maintenance Light Repair (MLR) curriculum from National Automotive Technicians Foundation (NATEF).
- 7450** **Computer Science Applications Advanced Placement** **1 year** **10, 11, 12**
PREREQUISITE: C or better in Intro to Computer Programming and/or Teacher Approval
College level course where students will learn to design and implement computer programs that solve complex problems relevant to today’s society, including art, media and engineering. This includes the development and analysis of algorithms and fundamental data structures and the use of logic and formal methods.



ENGLISH

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
3010	** Freshman English College Prep (CP)	1 year	9
3011	** Freshman English Honors	1 year	9
3020	** Sophomore English College Prep (CP)	1 year	10
3021	** Sophomore English Honors	1 year	10
3030	** Junior English College Prep	1 year	11
3033	** Junior English Language Adv. Placement	1 year	11
3035	Interpersonal Communications	1 sem	9, 10, 11, 12
3037	Public Speaking & Communication	1 sem	11, 12
3038	Argument and Persuasion	1 sem	11, 12
3040	** Senior English College Prep (CP)	1 year	12
3043	** Senior Literature Advanced Placement	1 year	12
3045	**Expository Reading and Writing Course (ERWC)	1 year	12
5045	College and Career Literacy	1 year	9, 10

**

May be repeated for credit
University of California & California State University acceptable course

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- 3010** **Freshman English CP** **1 year** **9**
 This course includes the study of composition, literature, and English conventions. The class emphasizes reading and writing. It will help prepare the student for the work world and college level work. (University of California and California State University acceptable course)
- 3011** **Freshman English Honors** **1 year** **9**
PREREQUISITE: Teacher recommendation and "B" in 8th grade Honors English or "A" in regular English. This course includes an emphasis on grammar, writing skills, and interpretation of significant literature. The course objective is to prepare students for Sophomore Honors English. Must sign contract. (University of California and California State University acceptable course)
- 3020** **Sophomore English CP** **1 year** **10**
 This course includes the study of composition, literature, and English conventions. The class emphasizes reading and writing. It will help prepare the student for the work world and college level work. (University of California and California State University acceptable course)
- 3021** **Sophomore English Honors** **1 year** **10**
PREREQUISITE: Student must have received at least a "B" in Freshman Honors English or an "A" in Freshman English and departmental approval. Summer reading is required. Course objective is to prepare students for advancement into the AP program. Refinement of grammatical conventions, writing skills, and interpretation of significant literature will be emphasized. Must sign contract. (University of California and California State University acceptable course)
- 3030** **Junior English CP** **1 year** **11**
 This course includes the study of composition, literature, and English conventions. It will help prepare the student for the work world and college level work. (UC and California State University acceptable course)
- 3033** **Junior English Language AP** **1 year** **11**
PREREQUISITE: Summer reading is required. Must pass multiple choice test and essay. Course objective is to prepare students for AP English Language and Composition Exam and Senior English Advanced Placement. Refinement of analytical writing skills and interpretation of significant American literature will be emphasized. Must sign contract. (University of California and California State University acceptable course)
- 3035** **Interpersonal Communications** **1 sem** **9, 10, 11, 12**
 Interpersonal Communications focuses on creative writing. Students will write fictional narratives, learning about characters, dialogue, genre, tone, world building, and setting. Students will also write reviews of art, music, food and destinations. Though good grammar and punctuation will be taught, creativity will be the largest factor in grading.
- 3037** **Public Speaking & Communication** **1 Sem** **11, 12**
 In this semester long course, available to 11th and 12th graders, students will engage in a variety of professional speaking situations such as job interviews. Students will be introduced to the various communication-based activities, focusing on public speaking and helping prepare students for components of public speaking, and will complete individual and group-based presentations that bring in a variety of mediums such as film, audio, etc. At the conclusion of the course students will have developed and practiced their public speaking and presentation skills in a variety of academic and professional settings.
- 3038** **Argument and Persuasion** **1 Sem** **11, 12**
 Argument and Persuasion is a course structured around encouraging critical-thinking skills that will give you the opportunity to learn the art of argumentation. As part of this class you will regularly participate in structured debates with clear winners and losers. You'll act as a judge and evaluate the quality of the arguments by your peers. You'll also learn about the basic elements of argument, how to identify logical fallacies, find and utilize credible sources, conduct independent research, incorporate rhetorical techniques, and how to package it all together into a clear argument that is engaging and convincing. We'll also experiment with using other types of media, such as creating

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Continued

YouTube videos, to persuade an audience that a certain claim should be accepted as true. Like Public Speaking and Communications, this class is meant to be fun and engaging, with plenty of time to complete all the assignments in class.

3040 Senior English College Prep

1 year

12

This course includes the study of composition, literature, and English conventions. It will help prepare the student for the work world and for college level work. (UC and California State University acceptable course)

3043 Senior Literature Advanced Placement (AP)

1 year

12

PREREQUISITE: Must have received at least a "C" in Junior English Advanced Placement, or an "A" in Junior English CP and passing grade on multiple choice test. Summer reading is required.

This Advanced Placement course focuses on World Literature of various genres requiring a wide reading knowledge for discussion and writing about literary topics to prepare students for AP examination. Must sign contract. (University of California and California State University acceptable course)

3045 Expository Reading and Writing Course (ERWC)

1 year

12

The goal of Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Through 12 substantive inquiry-orientated instructional modules, students develop advanced proficiency in expository, analytical, and argumentative reading and writing. The cornerstone of the course – the assignment template – presents a process for students to read, comprehend, and respond to nonfiction and literary texts. Modules provide instruction in research methods and documentation conventions. Students will read closely to examine the relationships between an author's argument or theme and his or her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine social, political, & philosophical assumptions that underlie the text. By the end of the course, students will be expected to read unfamiliar texts on their own, without elaborative preparation, and write about them coherently. (UC & California State University acceptable course.)

3045 Expository Reading and Writing Course (ERWC)

1 year

12

The goal of Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education. Through 12 substantive inquiry-orientated instructional modules, students develop advanced proficiency in expository, analytical, and argumentative reading and writing. The cornerstone of the course – the assignment template – presents a process for students to read, comprehend, and respond to nonfiction and literary texts. Modules provide instruction in research methods and documentation conventions. Students will read closely to examine the relationships between an author's argument or theme and his or her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine social, political, & philosophical assumptions that underlie the text. By the end of the course, students will be expected to read unfamiliar texts on their own, without elaborative preparation, and write about them coherently. (UC & California State University acceptable course.)

5045 College and Career Literacy

1 year

9,10

College and Career Literacy is an intensive reading intervention program designed to meet the needs of students who are reading below grade level. The program directly addresses individual needs through adaptive instructional software, high-interest fiction and nonfiction, and direct instruction in reading and writing skills. Elective credit course. (UC & California State University acceptable course as "G elective" credit.)



ENGLISH LANGUAGE LEARNERS

ELD = English Language Development Class

Sheltered – Classes for Level 3 students only

SEI – Structured English Immersion/classes for Level 1 and 2 students only

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
3316	ELD 1	1 year	9,10,11,12
3326	ELD 2	1 year	9,10,11,12
3336	ELD 2	1 year	9,10,11,12
3346	ELD 4	1 year	9,10,11,12
3376	Freshman English SEI- 1	1 year	9
3385	Freshman English SEI – 2	1 year	9
3318	**Freshman English Sheltered	1 year	9
3401	Sophomore English SEI – 2	1 year	10
3328	**Sophomore English Sheltered	1 year	10
3378	Junior English SEI- 1	1 year	11
3402	Junior English SEI – 2	1 year	11
3338	**Junior English Sheltered	1 year	11
3379	Senior English SEI- 1	1 year	12
3403	Senior English SEI – 2	1 year	12
3348	**Senior English Sheltered	1 year	12
7031	IM 1 SEI	1 year	9,10,11,12
7034	**IM 1 Sheltered	1 year	9,10,11,12
7053	IM 2 SEI	1 year	9,10,11,12
7054	**IM 2 Sheltered	1 year	9,10,11,12

ENGLISH LANGUAGE LEARNERS

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<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
3397	Earth Science SEI	1 year	9
4330	Earth Science Sheltered	1 year	9
3399	Biology SEI	1 year	9,10
4320	**Biology Sheltered	1 year	9,10
3387	World History SEI	1 year	10
5320	**World History Sheltered	1 year	10
3391	U.S. History SEI	1 year	11
5330	**U.S. History Sheltered	1 year	11
3393	Economics SEI	1 semester	12
7340	Economics Sheltered	1 semester	12
3389	Government SEI	1 semester	12
7342	**Government Sheltered	1 semester	12

**** University of California & California State University acceptable course**

SEI & Sheltered: English Language Learners are taught core curriculum concepts (mathematics, science, language arts, and social science) using modified teaching strategies and lesson design. Students take district benchmark tests as part of the class.

ENGLISH LANGUAGE LEARNERS

- 3316** **ELD 1** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 1 on California English Language Development Test and/or successful completion of ELD 1
 Students receive beginning to intermediate level instruction in all areas of English language acquisition-listening, speaking, reading, and writing. As in ELD 1, basic communication skills and academic vocabulary provide the foundation for students to achieve fluency in English. Pronunciation, grammar, sentence construction, reading comprehension, and writing conventions are emphasized. This course supports student success across the curriculum. May be repeated for credit.
- 3326** **ELD 2** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 2 on California English Language Development Test and/or successful completion of ELD 1
 Students receive beginning to intermediate level instruction in all areas of English language acquisition-listening, speaking, reading, and writing. As in ELD 1, basic communication skills and academic vocabulary provide the foundation for students to achieve fluency in English. Pronunciation, grammar, sentence construction, reading comprehension, and writing conventions are emphasized. This course supports student success across the curriculum. May be repeated for credit.
- 3336** **ELD 3** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 3 on California English Language Development Test and/or successful completion of ELD 2
 This intermediate level course supports student success across the curriculum. Students continue to receive increasingly more advanced instruction in all areas of English language acquisition-listening, speaking, reading, and writing. At this level, academic English supersedes basic communication skills as the focus of instruction. Literary analysis, writing style, and conventions provide the foundation for students to achieve fluency in all aspects of English. This course supports student success across the curriculum.
- 3346** **ELD 4** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 4 on California English Language Development Test.
 This course provides advanced instruction in advanced vocabulary, grammar, writing skills, and literary analysis are emphasized. The course will assist students in the reclassification process, moving to full English proficiency.
- 3376** **Freshman English SEI -1** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 1 on California English Language Development Test and is 9th grade.
 This class teaches core freshman language arts concepts and standards in a sheltered teaching environment with primary language support. Emphasis is placed academic vocabulary and oral fluency.
- 3385** **Freshman English SEI -2** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 2 on California English Language Development Test and is 9th grade.
 This class teaches core freshman language arts concepts and standards in a sheltered teaching environment with primary language support. Emphasis is placed academic vocabulary and oral fluency.
- 3318** **Freshman English Sheltered** **1 year** **9**
PREREQUISITE: Student assesses level 3 on California English Language Development Test and is 9th grade.
 This class teaches core freshman language arts concepts and standards in a sheltered teaching environment. (University of California & California State University acceptable course)
- 3401** **Sophomore English SEI – 2** **1 year** **10**
PREREQUISITE: Student assesses level 2 on California English Language Development Test and is 10th grade.
 This class teaches core sophomore language arts concepts and standards in a sheltered teaching environment with primary language support. Emphasis is placed academic vocabulary and oral fluency.

ENGLISH LANGUAGE LEARNERS

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- 3328** **Sophomore English Sheltered** **1 year** **10**
PREREQUISITE: Student assesses level 3 on California English Language Development Test and is 10th grade.
 This class teaches core sophomore language arts concepts and standards in a sheltered teaching environment.
 (University of California & California State University acceptable course)
- 378** **Junior English SEI – 1** **1 year** **11**
PREREQUISITE: Student assesses level 1 on California English Language Development Test and is 11th grade.
 This class teaches core junior language arts concepts and standards in a sheltered teaching environment with primary language support. Emphasis is placed academic vocabulary and oral fluency.
- 3402** **Junior English SEI – 2** **1 year** **11**
PREREQUISITE: Student assesses level 2 on California English Language Development Test & is 11th grade.
 This class teaches core junior language arts concepts and standards in a sheltered teaching environment with primary language support. Emphasis is placed academic vocabulary and oral fluency.
- 3338** **Junior English Sheltered** **1 year** **11**
PREREQUISITE: Student assesses level 3 on California English Language Development Test & is 11th grade.
 This class teaches core junior language arts concepts and standards in a sheltered teaching environment.
 (University of California & California State University acceptable course)
- 3379** **Senior English SEI – 1** **1 year** **12**
PREREQUISITE: Student assesses level 2 on California English Language Development Test & is 12th grade.
 This class teaches core senior language arts concepts and standards in a sheltered teaching environment with primary language support. Emphasis is placed academic vocabulary and oral fluency.
- 3403** **Senior English SEI – 2** **1 year** **12**
PREREQUISITE: Student assesses level 2 on California English Language Development Test and is 12th grade.
 This class teaches core senior language arts concepts and standards in a sheltered teaching environment with primary language support. Emphasis is placed academic vocabulary and oral fluency.
- 3348** **Senior English Sheltered** **1 year** **12**
PREREQUISITE: Student assesses level 3 on California English Language Development Test and is 12th grade.
 This class teaches core senior language arts concepts and standards in a sheltered teaching environment. (University of California & California State University acceptable course).
- 7031** **IM 1 SEI** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 1 or 2 on California English Language Development Test.
 This class is designed for English language learners who have a language assessment level of 1 or 2 and who qualify for IM 1 instruction. This class will receive core Integrated Math 1 instruction with primary language support.
- 7034** **IM 1 Sheltered** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 3 on California English Language Development Test.
 This class is designed for English language learners who have a language assessment level of 3 and who qualify for IM 1 instruction. This class will receive core Integrated Math 1 instruction taught with sheltered techniques.
 (University of California & California State University acceptable course)
- 7053** **IM 2 SEI** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 1 or 2 on California English Language Development Test.
 This class is designed for English language learners who have a language assessment level of 1 or 2 and who qualify for IM 2 instruction. This class will receive core Integrated Math 2 instruction taught with primary language support.

ENGLISH LANGUAGE LEARNERS

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- 7054 IM 2 Sheltered** **1 year** **9,10,11,12**
PREREQUISITE: Student assesses level 3 on California English Language Development Test.
 This class is designed for English language learners who have a language assessment level of 3 and who qualify for IM 2 instruction. This class will receive core Integrated Math 2 instruction taught with sheltered techniques.
 (University of California & California State University acceptable course)
- 3397 Earth Science SEI** **1 year** **9**
PREREQUISITE: Student assesses level 1 or 2 on California English Language Development Test.
 This class is designed for English language learners who have a language level of 1 or 2. All core concepts and standards of earth science are taught with primary language support.
- 4330 Earth Science Sheltered** **1 year** **9**
PREREQUISITE: Student assesses level 3 on California English Language Development Test.
 This class is designed for English language learners who have a language assessment level of 3. This class will receive core earth science instruction taught with sheltered techniques.
- 3399 Biology SEI** **1 year** **9, 10**
PREREQUISITE: Student assesses level 1 or 2 on California English Language Development Test.
 This class is designed for English language learners who have a language level of 1 or 2. All core concepts and standards of biology are taught with primary language support.
- 4320 Biology Sheltered** **1 year** **9, 10**
PREREQUISITE: Student assesses level 3 on California English Language Development Test.
 This class is designed for English language learners who have a language level of 3. All core concepts and standards of biology are taught with sheltered techniques.
 (University of California and California State University acceptable course)
- 3387 World History SEI** **1 year** **10**
PREREQUISITE: Student assesses level 1 or 2 on California English Language Development Test.
 This class is designed for English language learners who have a language level of 1 or 2. All core concepts and standards of world history are taught with primary language support.
- 5320 World History Sheltered** **1 year** **10**
PREREQUISITE: Student assesses level 3 on California English Language Development Test.
 This class is designed for English language learners who have a language level of 3. All core concepts and standards of world history are taught with sheltered techniques. (University of California and California State University acceptable course)
- 3391 U.S. History SEI** **1 year** **11**
PREREQUISITE: Student assesses level 1 or 2 on California English Language Development Test.
 This class is designed for English language learners who have a language level of 1 or 2. All core concepts and standards of United States history are taught with primary language support.
- 5330 U.S. History Sheltered** **1 year** **11**
PREREQUISITE: Student assesses level 3 on California English Language Development Test.
 This class is designed for English language learners who have a language level of 3. All core concepts and standards of United States history are taught with sheltered techniques. (University of California and California State University acceptable course)

ENGLISH LANGUAGE LEARNERS

Continued

- 3393** **Economics SEI** **1 semester** **12**
PREREQUISITE: Student assesses level 1 or 2 on California English Language Development Test.
This class is designed for English language learners who have a language level of 1 or 2. All core concepts and standards of economics are taught with primary language support.
- 7340** **Economics Sheltered** **1 semester** **12**
PREREQUISITE: Student assesses level 3 on California English Language Development Test.
This class is designed for English language learners who have a language level of 3. All core concepts and standards of economics are taught with sheltered techniques.
- 3389** **Government SEI** **1 year** **12**
PREREQUISITE: Student assesses level 1 or 2 on California English Language Development Test.
This class is designed for English language learners who have a language level of 1 or 2. All core concepts and standards of government are taught with sheltered techniques.
- 7342** **Government Sheltered** **1 year** **12**
PREREQUISITE: Student assesses level 3 on California English Language Development Test.
This class is designed for English language learners who have a language level of 3. All core concepts and standards of government are taught with sheltered techniques. (University of California and California State University acceptable course)

FOREIGN LANGUAGE

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
2210	** Spanish 1	1 year	9,10,11,12
2220	** Spanish 2	1 year	9,10,11,12
2230	** Spanish 3	1 year	9,10,11,12
2272	** Spanish 2 for Native Speakers	1 year	9,10,11,12
2280	** Spanish 3 for Native Speakers	1 year	9,10,11,12
2243	** Spanish Language AP	1 year	10,11,12
2253	** Spanish Lit AP	1 year	11,12
2010	** French 1	1 year	9,10,11,12
2020	** French 2	1 year	10,11,12
2030	** French 3	1 year	10,11,12
2043	French Language AP	1 year	10,11,12
2310	Chinese 1	1 year	9, 10, 11, 12
2320	Chinese 2	1 year	10, 11, 12

May be repeated for credit

** University of California & California State University acceptable course

FOREIGN LANGUAGE

2210 Spanish 1

1 year

9,10,11,12

Spanish 1 emphasizes communication across the four language domains: listening, speaking, reading, and writing. Activities will promote basic communication skills aligned with the World Language Content Standards for California Public Schools. Students will be assessed on their mastery of mastering thematic vocabulary related to **discrete elements of daily life**; using **formulaic** language to engage, interpret and present information.

Students will identify, reproducing and presenting ideas in culturally appropriate scenarios. Students will compare and contrast target cultures with their own; incorporating appropriate cultural norms for language use;

STRUCTURES-analyzing cognates, morphemes and grammar forms to determine specific meanings and usage*

SETTINGS-using language in scenarios reflecting common daily activities.

*Specific emphasis will be on mastery of subject-verb agreement; use of infinitives with auxiliary verbs; gender and number agreement for nouns, articles, and adjectives; use of present tense for regular, irregular and stem changing verbs. (University of California & California State University acceptable course)

2220 Spanish 2

1 year

9,10,11,12

PREREQUISITE: "C" grade or better or has successfully completed a competency exam in Spanish 1.

Spanish 2 emphasizes communication across the four language domains: listening, speaking, reading and writing. Activities will promote varying communication skills aligned with the *World Language Content Standards for California Public Schools*. Students will be assessed on their mastery of:

CONTENT - mastering thematic vocabulary related to **the self and the immediate environment**;

COMMUNICATION - using **created** language to engage, interpret and present information;

FUNCTIONS – participating in conversations; identifying key ideas of authentic texts; producing and presenting simple written and oral products;

CULTURES - comparing and contrasting target cultures with their own; identifying perspectives and practices within target cultures; analyzing reasons for cultural borrowings

STRUCTURES - analyzing cognates, morphemes & grammar forms to determine specific meanings and usage*;

SETTINGS - using language in interpersonal scenarios reflecting age-appropriate & culturally appropriate ways.

*Specific emphasis will be on mastery of use of infinitives with auxiliary verbs; gender and number agreement for nouns, articles, adjectives, and reflexive and object pronouns; use of present and preterite tenses for regular, irregular and stem-changing verbs; use of imperfect tense for regular and irregular verbs; use of reflexive verbs and commands. (University of California & California State University acceptable course.)

2230 Spanish 3

1 year

9,10,11,12

PREREQUISITE: "C" grade or better or have successfully completed a competency exam for Spanish 2.

Spanish 3 emphasizes communication across the four language domains: listening, speaking, reading and writing. Activities will promote increasingly sophisticated communication skills aligned with the *World Language Content Standards for California Public Schools*. Students will be assessed on their mastery of:

CONTENT - mastering thematic vocabulary related to interdisciplinary topics and their environment;

COMMUNICATION - using planned language to engage, interpret and present information;

FUNCTIONS – providing extended descriptions, narrations, explanations; justifying opinions with supporting evidence; identifying key ideas of authentic texts; producing and presenting detailed written and oral products;

CULTURES - comparing and contrasting target cultures with their own; representing perspectives and practices within target cultures; describing changes that occur due to interactions between cultures;

STRUCTURES - analyzing cognates, morphemes and grammar forms to determine specific meanings and usage*;

integrating complex and varied sentence structures to create paragraph level discourse;

SETTINGS - initiating language in formal and informal scenarios reflecting age-appropriate and culturally

appropriate ways.

*Specific emphasis will be on mastery of differing uses of infinitive, indicative and subjunctive moods; preterite, imperfect and perfect tenses; positive and negative commands with reflexive and object pronouns.

(University of California & California State University acceptable course)

FOREIGN LANGUAGE

Continued

2272 **Spanish 2 Native Speakers**

1 year

9,10,11,12

PREREQUISITE: Must speak Spanish fluently, with beginning reading and writing ability.

Spanish 2 Native Speakers emphasizes communication across the four language domains: listening, speaking, reading and writing. Activities will promote increasingly sophisticated communication skills aligned with the *World Language Content Standards for California Public Schools*. Students will be assessed on their mastery of:

CONTENT - mastering thematic vocabulary related to **interdisciplinary topics and their environment**;

COMMUNICATION - using **planned** language to engage, interpret and present information; engaging in extended listening, speaking, reading and writing tasks will enhance existing fluency;

FUNCTIONS – providing extended descriptions, narrations, explanations; justifying opinions with supporting evidence; identifying key ideas of authentic texts; producing and presenting detailed written and oral products;

CULTURES - comparing and contrasting target cultures with their own; representing perspectives and practices within target cultures; describing changes that occur due to interactions between cultures; detailed information on the diversity of Spanish Speaking cultures in integrated throughout the curriculum; analysis of literature from various target cultures will be compared with students' home cultures

STRUCTURES - analyzing cognates, morphemes and grammar forms to determine specific meanings and usage*;

SETTINGS - initiating language in formal and informal scenarios reflecting age-appropriate and culturally appropriate ways.

2280 **Spanish 3 Native Speakers**

1 year

9,10,11,12

PREREQUISITE: Must speak Spanish fluently, with intermediate reading and writing ability.

Spanish 3 Native Speakers emphasizes communication across the four language domains: listening, speaking, reading and writing. Activities will promote increasingly sophisticated communication skills aligned with the *World Language Content Standards for California Public Schools*. Students will be assessed on their mastery of thematic vocabulary related to **interdisciplinary topics and their environment**;

COMMUNICATION - using **planned** language to engage, interpret and present information; engaging in extended listening, speaking, reading and writing tasks will enhance existing fluency;

FUNCTIONS – providing extended descriptions, narrations, explanations; justifying opinions with supporting evidence; identifying key ideas of authentic texts; producing and presenting detailed written and oral products;

CULTURES - comparing and contrasting target cultures with their own; representing perspectives and practices within target cultures; describing changes that occur due to interactions between cultures; detailed information on the diversity of Spanish Speaking cultures in integrated throughout the curriculum; analysis of literature from various target cultures will be compared with students' home cultures

STRUCTURES - analyzing cognates, morphemes and grammar forms to determine specific meanings and usage*;

SETTINGS - initiating language in formal and informal scenarios reflecting age-appropriate and culturally appropriate ways.

*Specific emphasis will be on mastery of proper grammar, spelling and usage. Most of the first quarter will consist of an intense review of these skills in preparation for the challenge exam, which if passed gives student credit for Spanish 1 and 2. A contrastive analysis of academic language versus home language/slang will help prepare students for success in Spanish AP. (University of California & California State University acceptable course.)

2243 **Spanish Language AP**

1 year

10,11,12

PREREQUISITE: "B" grade or better or has successfully completed a competency exam in Spanish 3 or Spanish 3 Native Speakers.

Spanish Language AP emphasizes communication across the four language domains: listening, speaking, reading and writing. Listening and reading activities will be drawn from native sources of complex and varied subjects.

Speaking and writing activities will achieve near native ability. Activities will promote complex communication skills aligned with the *World Language Content Standards for California Public Schools*. Additionally, the curriculum will align to standards addressed on the national Advanced Placement test for Spanish Language.

Students will be assessed on their mastery of: mastering thematic vocabulary related to **concrete and abstract interdisciplinary topics and their environment**; **extended** language to engage, interpret and present information.

FOREIGN LANGUAGE

Continued

Students will engage in extended discussions, including analysis, comparisons and persuasion; justifying opinions with supporting evidence; identifying key ideas of authentic texts; producing and presenting detailed written and oral products;

CULTURES – explain cultural differences within target cultures with their own, using historical, social and linguistic rationale; representing perspectives and practices within target cultures; improvising responses to unpredictable situations;

STRUCTURES - analyzing extended discourse to understand abstract and academic topics*; integrating complex and varied sentence structures to create essay level discourse;

SETTINGS - improvising language use in unpredictable and spontaneous scenarios reflecting age-appropriate and culturally appropriate mastery of varied language skills.

*Specific emphasis will be on analysis of authentic listening and reading texts with an increasing variety of topics and sophistication of presentation styles. The nuanced use of vocabulary and grammar will be demonstrated. (University of California & California State University acceptable course)

2253 Spanish Literature AP

1 year

10,11,12

PREREQUISITE: “B” grade or better in Spanish Language AP or received a 3 or above in the Spanish Language AP Exam or with teacher approval.

Spanish Literature AP emphasizes communication across the four language domains: listening, speaking, reading and writing. Specific emphasis will be in demonstrating college-level literary analysis of various genres (as outlined in the College Board AP Spanish Literature course description.) Activities will promote complex communication skills aligned with the *World Language Content Standards for California Public Schools*. Students will be assessed on their mastery of:

CONTENT - mastering thematic vocabulary related to **the literary analysis of concrete and abstract topics presented in a variety of genres;**

COMMUNICATION - using **extended** language to engage, interpret and present information;

FUNCTIONS – engaging in extended discussions, including analysis, comparisons and persuasion; justifying opinions with supporting evidence; identifying key ideas of authentic texts; producing and presenting detailed written and oral products;

CULTURES – explain cultural differences within target cultures **as presented in a variety of literary texts;**

STRUCTURES - analyzing extended discourse to understand abstract and literary topics*; integrating complex and varied sentence structures to create essay level discourse;

SETTINGS - improvising language use in unpredictable and spontaneous scenarios reflecting college-level mastery of varied reading and writing skills. *Specific emphasis will be on analysis of selected texts with a variety of genres, themes, styles, and literary devices. Texts will represent selected works from a variety of regions of the Spanish Speaking world, and from a variety of literary eras.

(University of California & California State University acceptable course.)

2010 French 1

1 year

9,10,11,12

French 1 emphasizes communication across the four language domains: listening, speaking, reading and writing. Activities will promote basic communication skills aligned with the *World Language Content Standards for California Public Schools*. Students will be assessed on their mastery of:

CONTENT - mastering thematic vocabulary related to **discrete elements of daily life;**

COMMUNICATION - using **formulaic** language to engage, interpret and present information;

FUNCTIONS - identifying, reproducing and presenting ideas in culturally appropriate scenarios;

CULTURES - comparing and contrasting target cultures with their own; incorporating appropriate cultural norms for language use;

STRUCTURES - analyzing cognates, morphemes and grammar forms to determine specific meanings & usage*;

SETTINGS - using language in scenarios reflecting common daily activities.

*Specific emphasis will be on mastery of subject-verb agreement; gender and number agreement for nouns, articles, and adjectives; use of present tense for regular, irregular and stem-changing verbs. Students will be able to hold basic everyday conversations. (University of California & California State University acceptable course.)

FOREIGN LANGUAGE

Continued

- | | | | |
|--------------------|---|----------------------|---------------------------|
| <u>2020</u> | <u>French 2</u> | <u>1 year</u> | <u>10,11,12</u> |
| | <p>PREREQUISITE: “C” grade or better or has successfully completed competency exam in French 1.</p> <p>French 2 emphasizes communication across the four language domains: listening, speaking, reading and writing. Activities will promote varying communication skills aligned with the <i>World Language Content Standards for California Public Schools</i>. Students will be assessed on their mastery of thematic vocabulary related to the self and the immediate environment; using created language to engage, interpret and present information; participating in conversations; identifying key ideas of authentic texts; producing and presenting simple written and oral products. Students will compare and contrast target cultures with their own; identifying perspectives and practices within target cultures; analyzing reasons for cultural borrowings. Students will analyze cognates, morphemes and grammar forms to determine specific meanings & usage*;</p> <p>SETTINGS- using language in interpersonal scenarios reflecting age-appropriate & culturally appropriate ways.</p> <p>*Specific emphasis will be on gender and number agreement for nouns, articles, adjectives, and reflexive and object pronouns; use of simple and compound tenses for regular, irregular and stem-changing verbs in the indicative mood. Students will be able to describe past and present events.</p> <p>(University of California & California State University acceptable course.)</p> | | |
| <u>2030</u> | <u>French 3</u> | <u>1 year</u> | <u>10,11,12</u> |
| | <p>PREREQUISITE: “C” grade or better or has successfully completed competency exam in French 2.</p> <p>French 3 emphasizes communication across the four language domains: listening, speaking, reading and writing. Activities will promote increasingly sophisticated communication skills aligned with the <i>World Language Content Standards for California Public Schools</i>. Students will be assessed on their mastery of: thematic vocabulary related to interdisciplinary topics, their immediate & external environment using planned language to engage, interpret and present information; providing extended descriptions, narrations, explanations; justifying opinions with supporting evidence; identifying key ideas of authentic texts; producing and presenting detailed written and oral products. Students will compare and contrast target cultures with their own; representing perspectives and practices within target cultures; describing changes that occur due to interactions between cultures. Students will analyze cognates, morphemes and grammar forms to determine specific meanings and usage*; integrating complex and varied sentence structures to create paragraph level discourse;</p> <p>SETTINGS - initiating language in formal and informal scenarios reflecting culturally appropriate ways.</p> <p>*Specific emphasis will be on mastery of differing uses of infinitive, indicative and subjunctive moods; present perfect, simple and compound tenses; positive and negative commands with reflexive and object pronouns.</p> <p>(University of California & California State University acceptable course.)</p> | | |
| <u>2043</u> | <u>French Language AP</u> | <u>1 year</u> | <u>10,11,12</u> |
| | <p>PREREQUISITE: “C” grade or better or has successfully completed competency exam in French 3.</p> <p>French Language AP emphasizes</p> <p>This course is designed as the culmination of the students’ French studies beginning from French 1. Students have learned all basic structures necessary in the target language. The French Language Advanced Placement students will review all basic grammatical structures as well as reviewing and learning advanced grammatical structures while learning new vocabulary to communicate in French on variety of topics. In being able to communicate in the target language, the students are exposed to the emphasis of speaking, reading, writing, listening and culture. Thus, the course is primarily designed for preparation of the AP French Language and Culture Exam and as such, the class will be conducted in French.</p> <p>(University of California & California State University acceptable course.)</p> | | |
| <u>2310</u> | <u>Chinese 1</u> | <u>1 year</u> | <u>9, 10,11,12</u> |
| | <p>Chinese 1 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. Using an audio-lingual approach, this course teaches pronunciation, vocabulary, and grammar fundamentals as essential elements in reading, writing, and understanding elementary Chinese. The course also covers necessary culture, customs, philosophy, and history which serve as keys to studying the Chinese language.</p> <p>(University of California & California State University acceptable course.)</p> | | |

FOREIGN LANGUAGE

Continued

2320 Chinese 2

1 year

10,11,12

Chinese 2 is a continuation course that reinforces the fundamental skills acquired by the students in Chinese

1. Students will extend their ability to master phonetic understanding with implementation of Hanyu Pinyin in four tones, communicate effectively and properly in various real-life situations, learn complex grammatical structures, and write Chinese characters in correct stroke order. In addition to the textbook, this course will integrate Chinese traditions and culture, such as Chinese festivals, opera, food, and calligraphy. This course aims to build and develop students' Chinese language proficiency and cross-cultural understanding.

(University of California & California State University acceptable course.)

MATHEMATICS

Students must meet the minimum skill requirements for placement in high school level mathematics.

Students who have not met these requirements will be provided with fundamental math classes designed to improve their math skills so they can complete high school math successfully. These classes do not apply to math credit requirements for graduation but will apply as elective credit.

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
7028	**Integrated Math 1 9 th Grade	1 year	9
7030	**Integrated Math 1	1 year	10,11,12
7031	**Integrated Math 1 SEI (see ELL section)	1 year	9,10,11,12
7034	**Integrated Math 1 Sheltered (see ELL section)	1 year	9,10,11,12
7050	**Integrated Math 2	1 year	9,10,11,12
7050H	**Integrated Math 2 Honors	1 year	9,10,11,12
7053	**Int Math 2 SEI (see ELL section)	1 year	10, 11, 12
7054	**Int Math 2 SH (see ELL section)	1 year	10,11, 12
7057	Integrated Math 1 – ICT (IM1-ICT)	1 year	9,10,11,12
7058	Integrated Math 2 – ICT (IM2-ICT)	1 year	9,10,11,12
7061	** Trigonometry/Pre-Calculus Honors	1 year	10,11,12
7063	** Statistics Advanced Placement	1 year	11,12
7073	** Calculus AB Advanced Placement	1 year	11,12
7074	** Calculus BC Advanced Placement	1 year	11,12
7090	** Integrated Math 3	1 year	10,11,12
7090H	** Integrated Math 3 Honors	1 year	10,11,12
7125	** Advanced Algebra with Financial Applications	1 year	12
7300	** Probability/Statistics	1 year	11,12
7500	** Mathematical Reasoning with Connections (MRWC)	1 year	12
7520	**Intro to College Algebra Math	1 year	12
0772	Advanced College Math	Sem 1	12
9450	College Math 25 (Dual Enrollment)	Sem 2	12

** University of California and California State University acceptable course

* Elective Credit only

MATHEMATICS

<u>7028</u>	<u>Integrated Math 1 – 9th Grade</u>	<u>1 year</u>	<u>9</u>
<u>7030</u>	<u>Integrated Math 1</u> The fundamental purpose of Integrated Mathematics 1 is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Mathematics 1 uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. (University of California & California State University acceptable course)	<u>1 year</u>	<u>10, 11, 12</u>
<u>7031</u>	<u>Integrated Math 1 SEI (see ELL section)</u>	<u>1 year</u>	<u>9, 10, 11, 12</u>
<u>7034</u>	<u>Integrated Math 1 Sheltered (see ELL section)</u>	<u>1 year</u>	<u>9, 10, 11, 12</u>
<u>7050</u>	<u>Integrated Math 2</u> PREREQUISITE: Integrated Math 1 with a “C” grade or better. Students will learn function notation and develop the concepts of domain and range. They explore many examples of functions, including sequences; they interpret functions given graphically, numerically, symbolically, and verbally, translate between representations, and understand the limitations of various representations. They work with functions given by graphs and tables, keeping in mind that, depending upon the context, these representations are likely to be approximate and incomplete. Their work includes functions that can be described or approximated by formulas as well as those that cannot. When functions describe relationships between quantities arising from a context, students reason with the units in which those quantities are measured. Students build on and informally extend their understanding of integer exponents to consider exponential functions. They compare and contrast linear and exponential functions, distinguishing between additive and multiplicative change. They interpret arithmetic sequences as linear functions and geometric sequences as exponential functions. (University of California & California State University acceptable course)	<u>1 year</u>	<u>9, 10, 11, 12</u>
<u>7050H</u>	<u>Integrated Math 2 Honors</u> PREREQUISITE: Integrated Math 1 with a “A” grade and teacher approval. This course will include the same essential standards as the regular Integrated 2 course, but will be designed to enhance and enrich the understanding for higher achieving students. This is designed mainly for incoming freshmen who have already passed Integrated Math 1 in middle school with an “A”. (University of California & California State University acceptable course)	<u>1 year</u>	<u>9, 10,</u>
<u>7053</u>	<u>Int Math 2 SEI (see ELL section)</u>	<u>1 year</u>	<u>10, 11, 12</u>
<u>7054</u>	<u>Integrated Math 2 Sheltered (see ELL section)</u>	<u>1 year</u>	<u>9, 10, 11, 12</u>
<u>7057</u>	<u>Integrated Math 1 - ICT</u> The course, Integrated Mathematics 1 (IM1) and Information and Communication Technologies (ICT) guides students through the clusters of standards of Common Core State Standards for Mathematics of Integrated Mathematics I while simultaneously teaching students about programming skills. Students use programming in C/C++ interpreter Ch to reinforce and extend their knowledge of mathematical concepts by analyzing real life situations, identifying given information, formulating steps that a computer program could calculate to find a solution, and analyzing the results for accuracy, going back, and modifying the programming solutions. Students will collaborate and communicate their reasoning by providing evidence from reenacting physically derived mathematical problems through robotics technologies to visualize situation, associate linear and quadratic graphs with physical phenomena, predict and identify key features of the graphs with the specific physical situations, and solve physical problems through the concepts and clusters of standards of Integrated Mathematics I.	<u>1 year</u>	<u>9, 10, 11, 12</u>

MATHEMATICS

Continued

- 7058** **Integrated Math 2 – ICT (IM2-ICT)** **1 year** **9, 10, 11, 12**
 This course, Integrated Mathematics 2 (IM2) and Information and Communication Technologies (ICT) is designed for students who value applications of integrated concepts of mathematics and have a desire for a career in computer programming. This course focuses on formalizing and extending the mathematics that students learned in the previous course, IM1/ICT. The content includes the concepts of extending number system, interpreting quadratic functions and modeling, evaluating and interpreting the structure of expressions, applying diverse forms of probabilities, applying and interpreting similarity, right triangle Trigonometry and proof, and focusing on circles with and without coordinates, which includes: Algebra 2, Geometry, Statistics and Probability, Algebra 1, and Trigonometry. Through combining the mathematical understanding with ICT pathways of games/simulations and software/systems development, this course targets on meeting the a-g’s “c” requirements. As students research, apply, and synthesize the existing programming code and develop their own systems of coding through the platform, Scratch, students understand and enhance programming languages, create intelligently designed simulations that educate, engage players, interpret, and discover the correlation between terms used in IT coding languages and mathematics.
- 7061** **Trig/Pre-Calculus Honors** **1 year** **10,11,12**
PREREQUISITE: IM 3 or IM 3 Honors with a "C" or better grade
 This is a fourth-year college preparatory mathematics course following IM3. First semester dives deeper into the topics covered in Int. Math 3 such as Logarithms, Polynomial functions, and rational expressions. Second semester covers trigonometry, conic functions, and statistics. Students who successfully complete this course will be well prepared to take a calculus course. (University of California & California State University acceptable course)
- 7063** **Statistics Advanced Placement** **1 year** **11,12**
PREREQUISITE: IM3 with a “C” or better grade or IM1 and 2 with “B” or better grade and a strong foundation in reading and writing for students who do not intend to major in STEM related fields.

 Statistics Advanced Placement is a college level study of Statistics focused on four major themes: Exploratory Analysis, Planning a Study, Probability, and Statistical Inference. A foundation in basic Algebraic skills is required for the mathematics in this course and a solid foundation in reading and writing is needed as well. All students who take this course are expected to take the AP Exam at the conclusion of the course. Advanced Placement in college may be earned for students scoring 3 or above on the AP Exam.
 (University of California & California State University acceptable course)
- 7073** **Calculus AB Advanced Placement** **1 year** **11,12**
PREREQUISITE: IM 3 Honors with a “B” or better grade, and Pre-Calculus/Trig with a "C" or better grade or teacher approval
 Calculus deals with the relationship between changing variables. Calculus is useful in fields such as business, social services, and is a basic requirement in the natural sciences and engineering. Students will be encouraged to take the Advanced Placement Exam in Calculus. (University of California & California State University acceptable course)
- 7074** **Calculus BC Advanced Placement** **1 year** **11,12**
PREREQUISITE: Calculus A/B with a “C” or better grade.
 Calculus deals with the relationship between changing variables. Calculus is useful in fields such as business, social services, and is a basic requirement in the natural sciences and engineering. Students will be encouraged to take the Advanced Placement Exam in Calculus. (University of California & California State University acceptable course)
- 7090** **Integrated Math 3** **1 year** **10,11,12**
PREREQUISITE: Int Math 1 with grade of "C" or better AND Int Math 2 with a “C” or better.
 Integrated Math 3 combines basic skills of Polynomial and Rational Expressions with Exponential and Logarithmic Functions. Transformation of functions and modeling with functions are used to solve realistic problems in one, two or more variables. Basic levels of Trigonometric functions and radian measurement are included as well as the basic elements of Statistics including sampling, distributions, and analysis.
 (University of California & California State University acceptable course)

MATHEMATICS

Continued

- 7090H** **Integrated Math 3 Honors** **1 year** **10,11**
PREREQUISITE: "A" grade in Int Math 1 AND Int Math 2 with a grade of "B" or better IM2 H or STRONG teacher recommendation.
 This course is for students with a strong math background who expect to major in STEM related areas in college. This course follows the same coursework as Integrated Math 3 with a stronger emphasis on the Pre-Calculus related topics. A student who achieves an A in this course MAY be considered, with strong teacher recommendation, to move directly to AP Calculus after this course without the taking Trigonometry/Pre-Calculus Honors.
 (University of California & California State University acceptable course)
- 7125** **Advanced Algebra with Financial Applications** **1 year** **11,12**
PREREQUISITE: Int Math 2 with grade of "C" or better.
 This course is a third year Math class for students who have completed IM1 and IM2. This course examines advanced Algebraic methods through the use of financial models.
 (University of California & California State University acceptable course)
- 7300** **Probability/Statistics** **1 year** **11,12**
PREREQUISITE: IM2 with a "C" or better grade and a strong foundation in reading and writing.
 College Prep Statistics is a college level study of Statistics focused on four major themes: Exploratory Analysis, Planning a Study, Probability, and Statistical Inference. A foundation in basic Algebraic skills is required for the the mathematics in this course and a solid foundation in reading and writing is also recommended. The class is designed to prepare students to take and pass Advanced Placement Statistics the following year.
 (University of California & California State University acceptable course)
- 7500** **Mathematical Reasoning with Connections (MRWC)** **1 year** **11,12**
PREREQUISITE: IM2 with a "C" or better grade and a strong foundation in reading and writing.
 MRWC is designed as a 4th year mathematics course following Math I - III (or Alg I – II and Geometry) that will provide a bridge into multiple college and career options, including STEM, CTE, and non-technical pathways. Students successfully completing MRWC will have acquired content skills and attitudes towards learning that will be expected in entry-level college mathematics.
- 7520** **Intro to College Algebra Math** **1 year** **12**
PREREQUISITE: Integrated Mathematics 2 and Integrated Math 3 with a "C" or better grade.
 The course was created in collaboration with our local Community college and is designed to meet the needs of seniors who want to go to a U.C., C.S.U., or Community College. It is further intended for 12th graders who are not ready for Pre-Calculus after completing Integrated Mathematics 3. This course is designed to include a study of various functions, trigonometry, probability, statistics, counting methods, and personal financial management. There will be a heavy emphasis on practical applications and collaboration. Major goals of the course include the coverage of California State High School Mathematics Standards from multiple math courses, as well as those from the Entry Level Math Exam, administered by the C.S.U. system.
- Learning Outcomes: A major goal of the course is to prepare students for success in college level mathematics courses. Introduce students to advanced topics which will be beneficial in college, such as Trigonometry, Probability, Statistics, and Counting Methods. Introduce students to advanced topics which will be beneficial in "the real world", such as Investing, Consumer Debt, Purchasing a Home. Successfully take the College Entrance Mathematics Exams and place into a non-remedial math course. To use mathematics to solve problems and determine if their solutions are reasonable. To use mathematics to model and solve real world problems. To connect mathematical ideas with other disciplines. To use technology as a tool to learn mathematical concepts and as a means to solve more difficult problems. To apply statistical methods to summarize, analyze, and make inferences using data.

MATHEMATICS

Continued

0772 **Advanced College Math** **Semester 1** **12**

PREREQUISITE: IM2 and IM3 with a “C” or better grade.

This course will prepare the students for the college curriculum through review and lesson planning with scaffolding required concepts. Students that do not successfully pass the semester 1 course will not be allowed to move onto the semester 2.

9450 **College Math 25 (Dual Enrollment) (Chaffey Course)** **Semester 2** **12**

PREREQUISITE: IM3 and Advanced College Math with a “C” or better grade.

Throughout the course, students will be able to successfully perform coordinate geometry and apply graphing techniques (graphing conic sections and identify key elements). Students will explore systems of nonlinear equations, inequalities, matrices and determinants, sequences and series, binomial expansion, mathematical induction, and be introduced to mathematical proof. Upon completion, students will be able to solve higher degree polynomial equations, graph the functions related to polynomial, rational, inverse, exponential, and logarithmic functions.

PHYSICAL EDUCATION

REGULAR P.E.			
<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
8010	P.E. 1	2 semesters	9
8020	P.E. 2	2 semesters	10,11,12
8100	P.E.- Dance	1 semester	9, 10, 11, 12
8109	Weightlifting 1	1 semester	9, 10, 11, 12
8110	Adaptive P.E.	2 semesters	9,10,11,12
1400	Yoga	2 semesters	9,10,11,12

ATHLETIC P.E.			
<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
8290	Athletic P. E. – Pep	1 semester	9,10,11,12
8295	Athletic P.E.	2 semesters	9,10,11,12
8320	Football	1 semester	9,10,11,12
8315	Cross Country	1 semester	9,10,11,12
8260	Volleyball (boys & girls)	1 semester	9,10,11,12
8305	Basketball – 1	1 semester	9,10,11,12
8310	Basketball – 2	1 semester	9,10,11,12
8200	Soccer – 1	1 semester	9,10,11,12
8205	Soccer – 2	1 semester	9,10,11,12
8300	Baseball	1 semester	9,10,11,12
8210	Softball	1 semester	9,10,11,12
8250	Track – 1	1 semester	9,10,11,12
8255	Track – 2	1 semester	9,10,11,12
8240	Tennis – 1	1 semester	9,10,11,12
8245	Tennis – 2	1 semester	9,10,11,12
1156	Auxiliary Band (alternative P.E. Credit)	1 year	9,10,11,12
1157	Marching Band P.E. (alternative P.E. Credit)	1 year	9,10,11,12

TEACHER APPROVAL REQUIRED FOR ALL ATHLETIC TEAMS. PHYSICAL EDUCATION

LIMITATION: Only one P.E. course is allowed per semester.

Four semesters of Physical Education (grades 9-12) are required for all students to meet high school graduation requirements.

Summit High School provides a well-balanced physical education program. It involves the development of social, emotional, physical, and cognitive skills through team sports, individual sports, and the enhancement of lifelong physical fitness.

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|---|-----------------------------|---------------------------|--------------------------|
| <u>8010</u> | <u>P.E. 1</u> | <u>2 semesters</u> | <u>9</u> |
| <p>This is a P.E. class designed for ninth graders. This is an introductory course that emphasizes motor skills, movement patterns of individual/dual sports. Fitness gram testing will focus on cardio-vascular fitness, upper body strength, core endurance, flexibility and healthy BMI (Body Mass Index).</p> | | | |
| <u>8020</u> | <u>P.E. 2</u> | <u>2 semesters</u> | <u>10,11,12</u> |
| <p>PREREQUISITE: P.E. 1
This is a P.E. class that focuses on activities from team sports to weight training.</p> | | | |
| <u>8100</u> | <u>P.E. Dance</u> | <u>1 year</u> | <u>9</u> |
| <p>Students will learn fundamentals of various dance genres. The dance portion of the class will include dance conditioning, choreography, and a performance component as part of the final grade. The fitness section will focus on cardiovascular fitness, upper body strength, core endurance, flexibility and healthy BMI. May be repeated for credit. This course does meet the A-G fine arts requirements. May be repeated for credit.</p> | | | |
| <u>8109</u> | <u>Weightlifting</u> | <u>1 semesters</u> | <u>10,11,12</u> |
| <p>PREREQUISITE: Successful completion of P.E. 1 and P.E. 2 with a 2.0 or higher.
This course will allow students to learn proper weight-lifting techniques through hands-on experience, participation, and guidance for the purpose of developing muscular strength, endurance, and flexibility.</p> | | | |
| <u>8110</u> | <u>Adaptive P.E.</u> | <u>1 semester</u> | <u>9,10,11,12</u> |
| <p>PREREQUISITE: Doctor signed medical request and district committee approval.
For students medically excused for more than six weeks. To be a member of the class, a student must have a medical excuse from a doctor and be approved by the District Committee. Students in this class will take part in modified activities according to their individual needs. May be repeated for credit.</p> | | | |
| <u>8240</u> | <u>Volleyball.</u> | <u>1 year</u> | <u>9,10,11,12</u> |
| <p>This class is designed to help players learn and develop a basic understanding of volleyball. The class will include instruction in the basic skills of serving, passing, setting, attacking and blocking. The class will also cover tactical skills of basic volleyball offensive and defensive play and well as the rules and scoring.
Team Volleyball class: This class is designed for all Student athletes to prepare for Competition against other Schools. They will learn team defense, offense, serving, passing and hitting throughout the year. This course is offered for the full year.</p> | | | |
| <u>8295</u> | <u>Athletic P.E.</u> | <u>2 semesters</u> | <u>9,10,11,12</u> |
| <p>PREREQUISITE: Teacher/Coach recommendation only
Class offered for student athletics that can no longer remain in P.E.</p> | | | |

PHYSICAL EDUCATION

Continued

8010 - 8240 **See previous pages for available sports activity numbers.** **9,10,11,12**

PREREQUISITE: Teacher/Coach approval required. See sports eligibility requirements below.

May be repeated for credit.

To be eligible for participation in sports activities taking place beyond the regular school day, a student must be passing in at least four (4) classes, equivalent to twenty (20) semester units of work, and maintain a "C" average the previous semester prior to such activity.

Eligibility shall be determined by semester grades recorded on the data record. A student will be eligible or ineligible for the entire semester. This policy shall be in effect at the end of each semester (F.U.S.D. Board Policies Handbook #6121).

1400 **Yoga** **2 semesters** **9,10,11,12**

The intro to yoga class will forge connections between mind and body for each student as we explore the movements and philosophies involved with the ancient, but very popular practice of yoga. The class will challenge each student and provide opportunity for growth physically, mentally and emotionally. We will teach and practice a variety of ground poses and standing poses, stretches and modifications so that the yoga practice is accessible for all who wish to participate. The goal is to build our practice each day until we are able to practice flow classes twice a week (more challenging) and Yin/restorative classes twice a week (less challenging, more calming).

1156 **Auxiliary Band** **1 year** **9,10,11,12**

This class is restricted to members of the color guard (tall flags), shields, and drill team. Students may receive P.E. credit for this class.

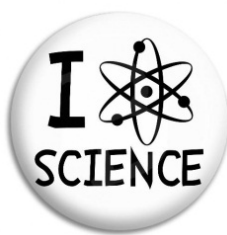
1157 **Marching Band P.E.** **1 year** **9,10,11,12**

PREREQUISITE: For members of the Marching Band, P.E. credit is given. Must also be enrolled in either Wind Ensemble or Concert Band.



SCIENCE

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
4143	**Geology	1 year	9,10,11,12
4020	~** Biology CP	1 year	9,10,11,12
4021	~** Cyber Forensics	1 year	10, 11, 12
	~** Advanced Forensic Science	1 year	11, 12
4023	~** Biology Advanced Placement	1 year	11,12
4026	~** Biology Honors	1 year	9, 10, 11, 12
4120	~** Chemistry	1 year	10,11,12
4122	~**Chemistry Honors	1 year	10, 11, 12
4123	~** Chemistry Advanced Placement	1 year	11,12
4150	~** Physics	1 year	10,11,12
4153	~** Physics Advanced Placement	1 year	11,12
4040	~** Physiology	1 year	10,11,12
4050	~** Marine Science/Aquatic Ecology	1 year	10,11,12
4073	** Environmental Science Advanced Placement	1 year	11, 12



** University of California & California State University acceptable course

~ University of California & California State University lab science requirement

SCIENCE

- 4143 Geology** **1 year** **10,11,12**
PREREQUISITE: Completion of at least one A-G approved CP Science course (i.e.: CP Biology).
 An in-depth study the Earth's construction, the processes that formed it and continual changes to its surface. Topics include: the formation and identification of rocks and minerals, types of volcanoes and how they erupt, the weathering of rocks and the effects on Earth's surface and human populations, rivers, groundwater and ecological impacts of humans on water sources, glaciers, deserts, beaches and the ocean floor, earthquakes and their relationships to plate tectonics and their effects on humans, how mountains form, fossils and their relationships to Earth's past.
 (This course meets the University of California and California State University requirement for laboratory science.)
- 4020 Biology CP** **1 year** **9,10,11,12**
 This laboratory science course provides students with a college preparatory framework from which they will understand the characteristics and processes associated with biological systems; and enhance their skills in laboratory analysis, problem solving, and critical thinking with respect to ethical and environmental concerns in biology. This is a laboratory science course that meets the University of California A-G requirements. (This course meets the University of California and California State University requirement for laboratory science.)
- 4021 Cyber Forensics** **1 year** **10,11,12**
Prerequisite: "C" or better in Biology CP or Chemistry CP or may be enrolled concurrently.
 This course will be an overview of the techniques used to collect and analyze evidence from a crime scene. Topics include toxicology, serology (blood analysis), microscopy (tissue, hair, and fiber analysis), DNA analysis, human dental and skeletal remain analysis, forensic anthropology, entomology, botany, fingerprint analysis, and crime scene analysis. This course meets the University of California "G" requirement.
- Advanced Forensic Science** **1 year** **11,12**
Prerequisite: "C" or better in Forensic Biology.
 Advanced Forensic Science is a rigorous course preparing students for college and a career in the field of forensic science or the criminal justice system. Students will apply techniques they learned in Forensic Biology and will apply the science and engineering practices to the law and courtroom procedures by determining appropriate roles for scientific technology and human judgment in bringing criminal charges against a defendant.
 This course meets the University of California "G" requirement.
- 4023 Biology Advanced Placement** **1 year** **11,12**
PREREQUISITE: Grade "B" in Biology CP AND grade "A or B" in Chemistry AND teacher approval.
 Physiology recommended, but not required.
 This is a laboratory science course that fulfills the College Board requirements for A.P. Biology and prepares students for the Advanced Placement exam in Biology. Topics include cell biology, energy transformations, genetics, heredity, evolution, populations, and ecology. (This course meets the University of California and California State University requirement for laboratory science.)
- 4026 Biology Honors** **1 year** **9,10,11,12**
PREREQUISITE: Grade of "C" or better in Biology
 Biology Honors is an accelerated high school laboratory biology course. This one-year course is designed to adequately prepare students to successfully undertake freshman science courses at the university level. It is highly recommended for college-bound students considering a science or science-related major in college. This course will give students a more conceptual and in-depth understanding of biological concepts and emphasize critical thinking as well as advanced reading, writing, and problem-solving than presented in CP Biology.
- 4050 Marine Science/Aquatic Ecology** **1 year** **10,11,12**
PREREQUISITE: Grade of "C" or better in Biology
 This course is an in-depth study of freshwater and marine communities. Sampling, identifying, and preserving organisms will be stressed. Biological requirements of living things in this system will be studied. Energy flow, food chains, abiotic factors and man's effect will also be studied. This course will require frequent field studies for pollution testing and biological sampling. (University of California and California State University acceptable course)

SCIENCE

Continued

- 4120 Chemistry** **1 year** **10,11,12**
PREREQUISITE: Grade of "C" or better in IM 1 AND **concurrent** enrollment in IM 2 or higher AND a grade of "C" or better in any previous science course (**or** teacher approval from previous science course instructor).
 This laboratory science course is designed for students who expect to attend college. Basic atomic theory: balancing, rates, oxidation-reduction, acid-base reactions, nomenclature, stoichiometry, is covered using the scientific method. This class is primarily laboratory based with strong emphasis on the application of algebra.
 (This course meets the University of California and California State University requirement for laboratory science.)
- 4122 Chemistry Honors** **1 year** **10,11,12**
PREREQUISITE: Have earned at least a B in IM 2, an A in CP Biology, or at least a B in Honors Biology.
 Honors Chemistry is a yearlong course which fulfills the A-G science requirement for graduation. In taking Honors Chemistry, you will study the basic laws of Chemistry using critical thinking, inquiry, and science ethics. The mathematical solution of chemical problems as well as the use of proper laboratory techniques to procure experimental data for further processing, are the backbone of this course. This course is especially important for students planning on attending college in a scientific or health-related field of study. The design of this course is intended to help students prepare for the rigors of lab-science courses that may be encountered in college. Honors Chemistry is a fast-passed chemistry program that will focus on the development of a rich and deep understanding of the foundations of chemistry through the use of inquiry labs & critical thinking skill activities. This is an excellent preparatory course for AP Chemistry, the College Board Exam, and any other higher-level science course.
- 4123 Chemistry Advanced Placement** **1 year** **11,12**
PREREQUISITE: Grade of "C" or better in IM 3, AND "C" or better in Chemistry.
 This course is a laboratory course that fulfills the College Board requirements for Advanced Placement Chemistry and prepares students to take the A.P. exam in Chemistry. The course covers basic atomic theory with strong emphasis on the use of algebra and laboratory skills.
 (This course meets the University of California and California State University requirement for laboratory science.)
- 4150 Physics** **1 year** **10,11,12**
PREREQUISITE: Grade of "C" or better in IM 3 and concurrent enrollment in Trig/Pre-Calculus Hon or Calculus.
 Physics is the most basic of all the laboratory sciences. It is about the nature of basic things such as motion of objects, forces that affect their motion, energy that create the forces, matter, heat, sound, light, and the insides of atoms. Students can gain a greater awareness of nature in general and other sciences in particular if they have some understanding of physics.
 (This course meets the University of California and California State University requirement for laboratory science.)
- 4153 Physics Advanced Placement** **1 year** **11,12**
PREREQUISITES: Grade of "C" or better in Trigonometry/Pre-Calculus Honors
 This laboratory science course will concentrate on developing an understanding of the important basic laws of physics, which include subjects such as mechanics, energy, waves, light, optics, electricity, magnetism, and the atom. Using these laws, the student will be able to analyze relevant problems of current interest in physics and other fields of science. Students will also prepare for the Advanced Placement exam in Physics. (This course meets the University of California and California State University requirement for laboratory science.)
- 4040 Physiology** **1 year** **10,11,12**
PREREQUISITE: Grade of "C" or better in C. P. Biology. Chemistry recommended, but not required.
 A comprehensive study of the anatomy and functions of the human body. The course involves considerable laboratory dissection as well as basic clinical tests of body fluids, and frank discussions of normal and abnormal functioning of body systems. Required for most health-related Pathway Certificates. (This course meets the University of California and California State University requirement for laboratory science.)

SCIENCE

Continued

4073 Environmental Science AP

1 year

11,12

PREREQUISITE: “C” or better in CP Biology and “C” or better in Chemistry

This course is interdisciplinary, involving the fields of ecology, biology, ocean and atmospheric sciences, climatology, chemistry, geology, toxicology, geography, economics, politics, and ethics, etc. This course is designed to be the equivalent of a college introductory environmental science course. The goals of the AP Environmental Science course are to (1) provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships in the natural world, (2) to identify and analyze environmental problems or challenges (both natural and man-made), (3) to evaluate the relative risks associated with these problems, and (4) to examine alternative solutions for resolving and/or preventing them.

SOCIAL STUDIES

COURSE NUMBER	COURSE TITLE	COURSE LENGTH	GRADE LEVEL
5008	Women's Studies	1 semester	9, 10, 11, 12
5030	** U.S. History College Prep	1 year	11,12
5033	** U.S. History AP	1 year	11,12
5040	** U.S. Government & Politics College Prep	1 semester	12
5043	** U.S. Government & Politics AP	1 semester	12
5050	** Economics College Prep	1 semester	12
5053	** Economics AP	1 semester	12
5013	** European History AP	1 year	11,12
5020	** World History & Culture College Prep	1 year	10,11,12
5023	** World History AP	1 year	10,11,12
5032	** Human Geography AP	1 year	9,10,11,12
5060	** Psychology	1 semester	10,11,12
5063	** Psychology AP	1 year	9, 10,11,12
5079	** Sociology	1 semester	10,11,12
5090	** Ethnic Studies		
6651	** A.P. Capstone Seminar	1 year	10
6652	** A.P. Capstone Research	1 year	10, 11, 12

May be repeated for credit

** University of California & California State University acceptable course

SOCIAL STUDIES

5008 Women's Studies

1 Semester

9, 10, 11,12

Women's Studies is the multidisciplinary study of the social status and societal contributions of women and the relationship between power and gender. Women's Studies also focuses on the roles, experiences, and achievements of women in society. This class will study the role of women in society, politics, film, and literature. You will leave this class understanding how the role of women has changed and influenced societies, in both the past and present.

5030 U.S. History CP

1 year

11,12

An inquiry is undertaken of our political, cultural and social heritage from colonial times to the present. An intriguing panorama of people, trends, issues, problems and events in America is examined and analyzed. The concepts of American history are related to the needs and interests of the students to help them understand the impact of the past as they develop good citizenship. This class meets the State of California History/Social Science State Standards for U.S. History. (University of California & California State University acceptable course)

5033 U.S. History Advanced Placement

1 year

11,12

PREREQUISITE: Above average levels of reading and expression, both verbal and written. Students have better than average grades in previously taken English and social studies courses. **Students must take an entrance exam to be admitted.**

The complex study of United States History designed for the serious and dedicated student. The class is skills-based with an emphasis on written historical analysis. Students will be involved in learning activities that prepare them for the Advanced Placement examination in May. This course is taught with the rigor of a college course with students held to the same level of expectation. (University of California & California State University acceptable course)

5040 U.S. Government & Politics CP

1 semester

12

In this course, students apply knowledge gained in previous years of study to pursue a deeper understanding of the American government. In addition, students compare different systems of government in the world today drawing on American history and the study of other societies. 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. (University of California & California State University acceptable course)

5043 U.S. Government & Politics Advanced Placement

1 semester

12

PREREQUISITE: Factors considered include performance in previous English and Social Science courses, grade point average, previous Honors and/or Advanced Placement course experience, and teacher recommendation.

Students in Advanced Placement American Government will examine, in-depth, six components of the American political system: 1) Constitutional Underpinnings of United States Government, 2) Political Beliefs and Behaviors, 3) Political Parties, Interest Groups, and Mass Media, 4) Institutions of National Government, 5) Public Policy, and 6) Civil Rights and Civil Liberties. Preparation for the A.P. exam in May will be emphasized. This course is taught at the college level with students doing college level work.

(University of California & California State University acceptable course)

5050 Economics CP

1 semester

12

In this one-semester course in economics, students will deepen their understanding of the economic problems and institutions of nation and the world in which we live. Students will learn to make reasoned decisions on economic issues as citizens, workers, consumers, business owners and managers, and members of civic groups. In this course, students should add to the economic understandings they acquired in previous grades and apply tools (such as graphs, statistics, and equations) learned in other subject fields.

(University of California & California State University acceptable course)

SOCIAL STUDIES

Continued

5053 Economics Advanced Placement **1 semester** **12**

PREREQUISITE: Entrance exam required. Students will be required to enroll in A. P. American Government for fall semester. Preparation for the A.P. exam will be emphasized.

This course is divided into two separate quarters. One quarter will focus on Microeconomics: the study of consumers and producers as they function in the larger economic system. The other quarter will focus on Macroeconomics: the study of income and price determination as they relate to the economic system as a whole. This course is taught at the college level with students doing college level work. (University of California & California State University acceptable course)

5013 European History Advanced Placement **1 year** **11,12**

PREREQUISITE: Teacher approval required.

This is a one-year social studies elective course. Students will develop their knowledge and understanding of basic chronology and of the major events and trends in Europe from approximately 1450 to 2000; that is, from the high Renaissance to the recent past. Students will concentrate on three general areas: political and diplomatic history, intellectual and cultural history, and economic history. This course is taught at the college level with students doing college level work. Preparation for the A.P. European History exam will be emphasized. (University of California & California State University acceptable course)

5020 World History & Culture College Prep **1 year** **10,11,12**

In this course, students examine the events that occurred from the late eighteenth century to the present day and analyze the major turning points that shaped the modern world. The year begins with an introduction to the rise of democratic ideas in the Western world and then continues to focus on the expansion of the West and the growing interdependence of people and cultures throughout the world. This class meets the State of California History Social Science State Standards for World History. (UC CSU)
(University of California & California State University acceptable course)

5023 World History Advanced Placement **1 year** **10,11,12**

PREREQUISITE: For sophomore students: a grade of B or higher in Freshmen English Honors or an A in Freshmen English CP; Academic GPA of 3.0 or higher or AP teacher approval. Upperclassmen can take the class for elective credit.

Students will study the history of the world from 8000 B.C.E. to the present day, while analyzing the major events that shaped the modern world. The course is divided into six historical periods and spans multiple geographic locations. Students will be involved in learning activities that prepare them for the Advanced Placement examination in May. Course content is organized using the College Board AP World History curriculum guide and is taught at a college level with students doing college level work with an emphasis on writing. (University of California & California State University acceptable course)

5032 Human Geography Advanced Placement **1 year** **10,11,12**

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. (University of California & California State University acceptable course)

SOCIAL STUDIES

Continued

5060 Psychology

1 semester

11,12

This course provides the students with a general overview of the field of psychology. Students will use a systematic approach to understanding the individual brain and behavior, and gain insight into their own behavior and that of others. An emphasis will be placed on psychological theories, research methods, consciousness, disorders and interpersonal relationships. A strong academic background and well developed critical thinking skills recommended. (University of California & California State University acceptable course.)

5063 Psychology Advanced Placement

1 year

9, 10, 11,12

PREREQUISITE: Average and above average levels of reading and expression, both verbal and written. Students have better than average grades in previously taken English and Social Studies courses.

Psychology is a vibrant, living, and ever-growing science. Although its roots are in the past, it has flourished in the twentieth century. In this course, students learn about the history of Psychology; research techniques; neuroscience, learning theory; sensation, perception, and altered states of consciousness; personality theory; human growth and development, social psychology; and behavior disorders. Students who are successful on the A. P. examination may be awarded college credit and/or advanced placement at the undergraduate level. (University of California and California State University acceptable course)

5079 Sociology 1A

1 semester

11,12

This course offers students an opportunity to investigate the principles of sociology through an academic study of groups, social institutions and systems of control. Students will use a variety of research methods to examine social problems. An emphasis will be placed on cultural diversity, race/ethnic relations, class and gender, and how it relates to the overall structure of society. A strong academic background and well developed critical thinking skills recommended. (University of California & California State University acceptable course)

5090 Ethnic Studies

1 semester

11,12

Ethnic Studies focuses on themes of social justice, social responsibility, and social change. The **course** spans from past to present, from politics to social reform, allowing students to identify similar social patterns and universal qualities present in other societies, including their own. (University of California & California State University acceptable course)

6651 A.P. Capstone: Seminar

1 year

10

AP Seminar is the first course in the AP Capstone program course that engages students in cross-curricular conversations to explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. (University of California & California State University acceptable course)

6652 A.P. Capstone: Research

1 year

10, 11, 12

PREREQUISITE: AP Seminar

AP Research allows students to deeply explore an academic topic, problem, issue, or idea of their individual interest. Students do a year long investigation to address the research question. Through this inquiry, they further the skills they acquire in AP Seminar by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. The course culminates with an academic paper of 4,000-5,000 words and presentation with an oral defense.

SPECIAL EDUCATION

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
0315	English 9 Applied	1 year	9
0320	English 10 Applied	1 year	10
0330	English 11 Applied	1 year	11
0335	English 12 Applied	1 year	12
5044	#Read 180	1 year	9,10
7042	Int Math A Applied	1 year	9,10,11,12
7044	Int Math B Applied	1 year	9,10,11,12
7046	Int Math C Applied	1 year	9,10,11,12
0340	Economics Applied	1 semester	12
0350	Government Applied	1 semester	12
0365	U.S. History Applied	1 year	11, 12
0370	World History Applies	1 year	10, 11, 12
0375	Biology Applied	1 year	9, 10, 11, 12
4103	Earth Science Applied	1 year	9, 10, 11, 12
0410	SH Critical Skills	1 year	9, 10, 11, 12
4030	Health	1 year	9, 10, 11, 12
0235	Study Skills	1 year	9, 10, 11, 12
3619	English Functional Skills	1 year	9, 10, 11, 12
7607	Math Functional Skills	1 year	9, 10, 11, 12
9014	Science Functional Skills	1 year	9, 10, 11, 12
9021	Social Studies Functional Skills	1 year	9, 10, 11, 12

May be repeated for credit

SPECIAL EDUCATION

- | | | | |
|--------------------|---|--------------------------|--------------------------|
| <u>0315</u> | <u>English 9 Applied</u>
This course follows the district's 9 th grade English core curriculum with modifications for individual disabilities. Selections from the district's core 9 th grade literature curriculum will be used when appropriate. | <u>1 year</u> | <u>9</u> |
| <u>0320</u> | <u>English 10 Applied</u>
This course follows the district's 10 th grade English core curriculum with modifications for individual disabilities. Selections from the district's core 10 th grade literature curriculum will be used when appropriate. | <u>1 year</u> | <u>10</u> |
| <u>0330</u> | <u>English 11 Applied</u>
This course follows the district's 11 th grade English core curriculum with modifications for individual disabilities. Selections from the district's core 11 th grade literature curriculum will be used when appropriate. | <u>1 year</u> | <u>11</u> |
| <u>0335</u> | <u>English 12 Applied</u>
This English course follows the district's 12 th grade core curriculum with modifications for individual disabilities. This course has a strong vocational emphasis. Selections from the district's core 12 th grade literature curriculum will be used when appropriate. | <u>1 year</u> | <u>12</u> |
| <u>7042</u> | <u>Int Math A Applied</u>
This course follows the district's core curriculum for the first semester of Integrated Math with modifications for individual disabilities and emphasis on real life problem solving. | <u>1 year</u> | <u>9,10,11</u> |
| <u>7044</u> | <u>Int Math B Applied</u>
This course follows the district's core curriculum for the second semester of Integrated Math with modifications for individual disabilities and emphasis on real life problem solving. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>7045</u> | <u>Int Math 2 Core</u>
This course follows the district's core curriculum for Integrated Math 2 with accommodations for individuals' disabilities and emphasis on real life problem-solving. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>7046</u> | <u>Int Math C Applied</u>
This course follows the district's core curriculum for Integrated Math 2 with modifications for individuals' disabilities and emphasis on real life problem solving. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>0340</u> | <u>Economics Applied</u>
In a one-semester course in economics, students should deepen their understanding of the economic problems and institutions of the nation and world in which they live. They should learn to make reasoned decisions on economic issues. | <u>1 semester</u> | <u>12</u> |
| <u>0370</u> | <u>World History Applied</u>
This course will explore causes and factors influencing major world events from World War I to present time. A strong vocational component allows students to explore and practice prevocational areas involved in the academic and social skills necessary for employment. | <u>1 year</u> | <u>10,11,12</u> |
| <u>0365</u> | <u>U.S. History Applied</u>
This course will focus on the study of major turning points in the twentieth century. | <u>1 year</u> | <u>11,12</u> |
| <u>0350</u> | <u>Government Applied</u>
This course will focus on the area of government and economics as it applies to responsible citizens and the world of work. | <u>1 semester</u> | <u>12</u> |

SPECIAL EDUCATION Continued

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|--------------------|--|----------------------|--------------------------|
| <u>0429</u> | <u>Biology Core</u>
This is a one-year (2 semesters) course exploring concepts of life science as outlined in the district approved course with accommodations for disabled students. This course will introduce basic concepts of biology using a hands-on laboratory approach. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>0375</u> | <u>Biology Applied</u>
This is a one-year (2 semesters) course exploring concepts of life science as outlined in the district approved course with modifications for disabled students. This course will introduce basic concepts of biology using a hands-on laboratory approach. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>4103</u> | <u>Earth Science Applied</u>
This course of study pulls concepts from the district approved core courses for Earth Science and adjusts them to meet the needs of learning disabled students. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>0410</u> | <u>SH Critical Skills</u>
This course is designed to build critical survival skills and improve social development. Students will participate in a variety of social and academic activities with an emphasis on real world applications. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>4030</u> | <u>Health</u>
This course covers all three main areas of health; physical, mental and social. Topics include overall wellness, stress management, nutrition, exercise and body systems; responsible behavior; managing peer pressure, healthy relationships and violence; tobacco, alcohol and drugs; communicable and non-communicable infections and diseases, reproduction and prenatal care; STD/HIV/AIDS; emergency care and preparedness, safety, health and the environment, and community health resources. All areas of focus are aligned with the Health Framework for California School's content standards. In addition to receiving health information, students will also learn study strategies, personal planning and organizational skills to be successful in high school and in life as well. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>0235</u> | <u>Study Skills</u>
Study Skills is designed to transform students with learning differences and challenges into confident, independent learners by enhancing their executive functioning skills. Executive functioning skills facilitate the behaviors required to plan and achieve goals. The fundamental skills related to executive function include proficiency in adaptable thinking, planning, self monitoring, self-control, working memory, time mangagment. | <u>1 year</u> | <u>12</u> |
| <u>3619</u> | <u>English Functional Skills</u>
This course is designed to for students functioning in the well below average range. Course study includes study of basic community and life sight words and the reading of functional documents. Students enrolled in this course are also enrolled in Math FS, Social Studies FS, and Science FS. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>7607</u> | <u>Math Functional Skills</u>
This course is designed for students functioning in the well below average range. Course study includes: time, money, and budget. Students enrolled in this course are also enrolled in English FS, Social Studies FS, and Science FS. | <u>1 year</u> | <u>9,10,11,12</u> |
| <u>9014</u> | <u>Science Functional Skills</u>
This course is designed for students functioning in the well below average range. Course study includes: weather, forces of nature, change over time and properties of objects. Students enrolled in this course are also enrolled in English FS, Math FS, and Social Studies FS. | <u>1 year</u> | <u>9,10,11,12</u> |

SPECIAL EDUCATION

Continued

9021 Social Studies Functional Skills

1 year

9,10,11,12

This course is designed for students functioning in the well below average range. Course study includes: Identifying occupations that people do to manufacture, transport, and market goods and services; overview of common law, identifying landmarks, understanding maps, citizens' responsibilities, current events, and political awareness. Students enrolled in this course are also enrolled in English FS, Math FS, and Science FS.



VISUAL AND PERFORMING ARTS

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
<u>ART</u>			
1010	** Art 1A	1 semester	9,10,11,12
1020	** Art 1B	1 semester	9,10,11,12
1030	** Art 2A	1 semester	10,11,12
1040	** Art 2B	1 semester	10,11,12
1083	** Art History AP	1 year	9,10,11,12
1090	** Ceramics 1A	1 semester	11,12
1095	** Ceramic 1B	1 semester	11,12
1110	** Printmaking 1A	1 year	10,11
1115	** Printmaking 1B	1 year	10,11
2874	** Studio Art AP	1 year	11, 12
<u>DRAMA</u>			
1116	** Drama 1A	1 semester	9,10,11,12
1117	** Drama 1B	1 semester	9,10,11,12
1118	** Drama 2A	1 semester	10,11,12
1119	** Drama 2B	1 semester	10,11,12
<u>MUSIC</u>			
1139	** Music Theory AP	1 year	10,11,12
1140	Beginning Band	1 year	9,10,11,12
1148	Concert Band	1 semester	9,10,11,12
1155	** Orchestra	1 year	9,10,11,12
1156	Auxiliary Band	1 year	9,10,11,12
1157	** Marching Band	1 semester	9,10,11,12
1158	** Jazz Band	1 semester	9,10,11,12
1165	Soprano Glee	1 year	9, 10, 11, 12
1168	Madrigal Singers	1 year	9,10,11,12
1176	** Choir Ensemble	1 year	9,10,11,12
<u>PHOTOGRAPHY</u>			
1180	Yearbook Production	1 year	10,11,12
1209	** Advance Digital Photography	1 semester	10,11,12
1210	** Digital Photography	1 semester	9,10,11,12

** University of California and California State University acceptable course

VISUAL AND PERFORMING ARTS

- 1010 Art 1A** **1 semester** **9,10,11,12**
 This is an introductory course, which includes fundamental elements of art and explores a variety of media and ideas in the field of art. The purpose of the course is to give the student a broad understanding of what art is all about and how it affects our daily lives. Art 1A is a beginning high school level drawing and painting class. Projects made in class that are taken home will be charged a \$5 fee per semester. (California State University & University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill)
- 1020 Art 1B** **1 semester** **9,10,11,12**
PREREQUISITE: Must pass Art 1A with a “C” or better
 A continuing introductory course with emphasis on visual communication using fundamental principles of art and media exploration. Projects made in class that are taken home will be charged a \$5 fee per semester. (California State University & University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill).
- 1030 Art 2A** **1 semester** **10,11,12**
PREREQUISITE: Must pass Art 1A and 1B with a “C” or better in grades 9, 10, 11 or teacher approval required.
 This course will emphasize development of skills in drawing, painting, and designing for the self-motivated and advanced student. Quality techniques and development of individual style will be stressed. Projects made in class that are taken home will be charged a \$5 fee per semester. (California State University & University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill)
- 1040 Art 2B** **1 semester** **10,11,12**
PREREQUISITE: Must pass Art 1A and 1B with a “C” or better in grades 9-11, or teacher approval required.
 This course will continue to emphasize the development of skills in drawing, painting, and design. The course allows students to work on self-initiated projects in order for the art student to develop their own artistic style and to explore various art techniques and processes. Students will also document their work for possible use in future portfolios. Projects made in class that are taken home will be charged a \$5 fee per semester. (California State University & University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill)
- 1083 Art History AP** **1 semester** **9, 10, 11,12**
 AP Art History explores topics such as the nature of art, its uses, its meanings, art making, and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to present, the course develops in-depth and holistic understanding of the history of art. Students learn to apply skills of visual, contextual and comparative analysis to engage with a variety of art forms, constructing and understanding of individual works and the art-making processes and products through history.
- 1090 Ceramics 1A** **1 semester** **11,12**
 Students will be introduced to the use of clay as an art form through hand building and wheel throwing techniques. Projects include a variety of glazing, texturing, assembling, and carving styles. Projects made in class that are taken home will be charged a \$5 fee per semester. (California State University & University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill).
- 1095 Ceramics 1B** **1 semester** **11,12**
PREREQUISITE: Ceramics A with “C” grade or better
 Advanced wheel throwing and hand building techniques will be explored. The effect of different stains, engobes, and slips on glazes and clay bodies will be applied to the projects. Glaze and clay chemistry and kiln-firing techniques will be examined. Projects made in class that are taken home will be charged a \$5 fee per semester. (California State University & University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill)

VISUAL AND PERFORMING ARTS

Continued

<u>1110</u>	<u>Printmaking 1A</u>	<u>1 year</u>	<u>10,11</u>
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PREREQUISITE:. Art 1A and Art 1 B with “C” grade or better

This introductory studio course engages students in historical and contemporary techniques of printmaking and its theory. The course positions drawing and mark-making as fundamental ways to investigate visual culture. Exploring the basic intaglio and relief processes of mono-printing, linocut and collagraph. Students will heighten their sensitivity to line, color, tone, texture, transparency, layout, and overall composition. This course will provide students with an introduction to creative thinking and visual exploration involved in making multiple edition prints and understanding its relevance to art, design, and today's image-based culture.

<u>1115</u>	<u>Printmaking 1B</u>	<u>1 year</u>	<u>10,11</u>
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PREREQUISITE: Printmaking 1 A with "C" grade or better

This studio course engages students in historical and contemporary techniques of printmaking and its theory. The course positions drawing and mark-making as fundamental ways to investigate visual culture. Exploring the basic intaglio and relief processes of mono-printing, linocut and collagraph. Students will heighten their sensitivity to line, color, tone, texture, transparency, layout, and overall composition. This course will provide students with an introduction to creative thinking and visual exploration involved in making multiple edition prints and understanding its relevance to art, design, and today's image-based culture.

2874 Studio Art Advanced Placement	1 semester	10,11,12
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PREREQUISITE: Students must take a minimum of Art 1 and Art 2 as well as teacher approval. Students must be in the 10th, 11th, or 12th grade. AP Studio Art Drawing must be taken for a minimum of two semesters and a maximum of four semesters. Art 2A and 2B are highly recommended prerequisites or co-requisites for this course.

AP Studio Art challenges students to produce a body of college level work to be submitted to the College Board in May. Students can receive college credit for this course depending on the score received from the College Board. This body of work, or AP portfolio, consists of 24 outstanding pieces showing mastery of concept, composition, and technical execution. Students will gain an understanding of artists, art periods, alternative approaches, past and contemporary cultures, and underlying visual issues. AP Studio Art Drawing must be taken for a minimum of two semesters and a maximum of four semesters. Students are required to submit their portfolio to the College Board

<u>1116/1117</u>	<u>Drama 1A/1B</u>	<u>1 year</u>	9,10,11,12
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PREREQUISITE: Must have earned “C” or better in most recent English class or permission of instructor.

Introduction to the various aspects of drama. Students will experience activities in the areas of concentration, pantomime, and improvisation; fundamentals of acting and use of body; theater history and related literature; structure of plays and play production. All performance activities are in-class. (California State University & University of California A-G Fine Arts requirement; meets ½ of requirement if both semesters are taken.)

<u>1118/1119</u>	<u>Drama 2A/2B</u>	<u>1 year</u>	10,11,12
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PREREQUISITE: Teacher approval required. Must have passed Drama 1A/1B with “C” or better.

This is a class for students who already possess a basic knowledge of acting. This course advances the theoretical and practical lessons of beginning acting and explores improvisation, directing, play writing, dramatic criticism and production/management techniques. May be repeated for credit. (California State University & University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill)

VISUAL AND PERFORMING ARTS

Continued

- 1139 Music Theory AP** **1 year** **9,10,11,12**
PREREQUISITE: Teacher approval required. Audition may be required.
 This advanced course teaches a wide array of musical concepts such as music theory, beginning composition, aural skills, dictation, and sight singing. The course objectives come from the AP Music Theory and Composition Course Description published by the College Board. The goal of the course is to develop a student's ability to recognize, understand, analyze, and describe the aspects and processes of music heard or seen in a score and prepare students to take the AP Music Theory exam.
- 1140 Beginning Band** **1 year** **9,10,11,12**
 This introductory course is open to all players who wish to learn an instrument for the first time and/or wish to focus on improving their ensemble playing. Development of basic musicianship and playing skills will be emphasized through performances. Members are required to attend sectionals, extra rehearsals, concerts, and festivals. Outside personal practice and learning of parts is required. This is a two-semester course. May be repeated for credit.
- 1148 Concert Band** **1 semester** **9,10,11,12**
PREREQUISITE: Audition may be required. Concurrent membership in Marching Band or Orchestra is desirable. This ensemble participates in school and district events, sports rallies, and music festivals. Periodic extra-curricular rehearsals. May be repeated for credit.
 May be repeated for credit. (California State University and University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill)
- 1158 Jazz Band** **1 semester** **9,10,11,12**
PREREQUISITE: Audition may be required. Concurrent membership in Marching Band or Orchestra is desirable. This ensemble participates in school and district events, sports rallies, and music festivals.
 For the serious, accomplished instrumental music student. Students must be willing to spend time beyond the regular school day in practices and performances. This band offers an opportunity to play swing, modern jazz and rock music. May be repeated for credit. (California State University and University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill)
- 1155 Orchestra** **1 year** **9,10,11,12**
PREREQUISITE: Teacher approval required. At least 1 year of experience in a performing orchestra.
 This class is designed to provide the performer with an ensemble experience that explores music from the Baroque period to present. Students must have a basic knowledge on a classical string instrument, including: violin, viola, cello, or string bass. Students must be able to attend extra-curricular performances and rehearsals.
 May be repeated for credit. (California State University and University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill)
- 1156 Aux Band** **1 year** **9,10,11,12**
PREREQUISITE: Teacher approval and audition required.
 This class is restricted to members of the color guard (tall flags), shields, and drill team and is designed to provide students with experience on various types of equipment, dance, and choreography. This ensemble competes throughout Southern California during the year, so attendance is of the utmost importance. Students must be willing to consistently attend extra-curricular performances and rehearsals. This ensemble travels on weekends throughout the year. May be repeated for credit. Students may receive P.E. credit for this class.

VISUAL AND PERFORMING ARTS

Continued

- 1157 Marching Band** **1 year** **9,10,11,12**
PREREQUISITE: Teacher approval required. One year of experience in a performing band.
 This class is designed to provide the performer with an ensemble experience that explores music from the Baroque period to present. Students must have a basic knowledge of a classical wind, brass, or percussion instrument. This ensemble competes throughout Southern California during the year, so attendance is of the utmost importance. Students must be willing to attend extra-curricular performances and rehearsals and travel on weekends throughout the year. May be repeated for credit. Students receive P.E. credit. (California State University and University of California A-G Fine Arts requirement; meets ½ of requirement, both semesters must be taken to fulfill).
- 1165 Soprano Glee** **1 year** **9,10,11,12**
PREREQUISITE: Intermediate-advanced level singing (need some experience singing)
 This course is a year long course, and all female choir. It's an intermediate-advanced level singing course meant for girls who have had some experience singing already, but aren't quite ready for the vigor of our Advanced Madrigal course.
- 1168 Madrigal Singers** **1 year** **9,10,11,12**
PREREQUISITE: Audition and director approval
 This is an advanced singing and performance class designed to help students learn about vocal production as well as music notation and theory. Students will learn quality choral literature with a goal of performance. Music literature will be taught in four to six part arrangements. These must show a high level of cooperation as well as maintain a 2.0 GPA and 90% attendance to participate. This course covers the California State Music Content Standards in the area of advanced for grades 9-12. Meets University of California A-G requirements. May be repeated for credit.
- 1176 Choir Ensemble** **1 year** **9,10,11,12**
 No prerequisite required. An intermediate performing chorus for mixed voices. These students will study fundamentals and mechanics of music, as well as perform choral music in a variety of styles and languages. May be repeated for credit (California State University and University of California A-G Fine Arts requirement; meets ½ of requirement—both semesters must be taken to fulfill).
- 1180 Yearbook Production** **1 year** **10,11,12**
PREREQUISITE: Teacher approval required. "B" or better grade in English and teacher interview.
 This course will enable the student to learn the skills involved in producing a yearbook. Abilities such as planning page layouts, writing copy, headlines and captions, cropping pictures, using the computer and selling advertising will be developed through this course and can help prepare a student for a job in any publication field. May be repeated for credit. After school and some Saturday time required.

COLLEGE AND CAREER PREPARATION (CCP) **(FORMERLY REGIONAL OCCUPATIONAL PROGRAM- ROP)**

Fontana Unified School District Regional Occupational Program (CCP) is open to FUSD high school students. **Students may take CCP classes on their campus or another high school campus.** Some courses require that students be juniors or 16 years old (CCP). Courses are designed to provide students with a challenging, relevant curriculum that leads to the mastery of job skills and reinforces academic and workplace skills. Integrated throughout all CCP courses are Academic and Career Technical education standards. Community College credit is available in some courses for completers, if the student completes the course with a B or better. See the CCP Teachers for more details on how to receive this credit.

Our CCP Teachers are fully credentialed teachers in the State of California and have a minimum of 5 years work experience in the field they teach.

For registration and schedule information see your high school counselor, the recruitment placement specialist on your campus or call (909)357-5490.

The following CCP courses will be offered during the 2019-2020 school year at Summit High School. Courses are subject to change.

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
0162	Automotive Systems CCP (Fall)	1 semester	9,10,11,12
0163	Automotive Engine Performance CCP (Spring)	1 semester	9,10,11,12

These classes are subject to change. 9th grade enrollment subject to approval by administration.

COLLEGE AND CAREER PREPARATION (CCP)

0126 Auto Collision Repair CCP

2 years/20 credits

Max Enrollment: 30 Students
Fontana High School

This competency-based course is designed to provide students with the skills to gain entry-level employment in the field of auto body repair. Included in the instruction and practical application is straightening, welding, forming, filling, sanding, and painting automobile bodies. Course completers will develop entry-level skills utilizing classroom, lab training, and cooperative group learning activities. The instruction and skill development will provide students with a foundation for continued training in this field and provide entry-level employment skills in auto body repair and related occupations.

0163 Automotive Engine Performance CCP

1 semester/5 credits

Max Enrollment: 30 Students
 Teacher: **Mr. [Name]** and **Summit High School**

This course provides training specializing in engine tune-up and repair. Instruction includes theory and hands-on experiences focusing on understanding, diagnosing and repairing engines, and related electrical and fuel/emission systems to improve performance. Experiences will be provided using hand tools, power tools, testing and troubleshooting equipment, as well as service manuals. Safety will be taught throughout the course. Students will obtain entry-level skills necessary for employment in automotive service.

0162 Automotive Systems CCP

1 semester/5 credits

Max Enrollment: 30 Students
Kaiser, and **Summit High School**

This course provides instruction and training in automotive system components. Instruction will cover the basic system components such as electronics, fuel systems, power and drive train, lubricating, climate control and emissions. Students will experience proper use of hand tools, power tools, testing and troubleshooting equipment, as well as service manuals. These skills will provide students with a solid foundation for continued training in this field.

0121 Automotive Technician CCP

1 semester/5 credits

Max Enrollment: 30 Students
A.B. Miller High School

This course provides instruction and training for students interested in automotive repair and maintenance. Instruction utilizing hands-on training experiences will include understanding, diagnosing and repairing drive train systems, braking, steering/suspension, heating and air conditioning systems and other automotive system fundamentals. Experience will be provided in using hand tools, power tools, testing and troubleshooting equipment, as well as service manuals. Students that achieve competency in this course will obtain entry-level skills necessary for employment as an automotive service person. These skills will provide students with a solid foundation for continued training in this field.

0069 Careers in Marketing CCP

1 year/20 credits

Max Enrollment: 30 Students
Kaiser High School

Students study marketing fundamentals, including sales and customer service, merchandising, pricing, cash handling, and cash register operations. Students learn current industry methods for shipping, receiving, and inventory control. Activities are designed to develop marketing concepts, such as product promotion, advertising, and visual displays. Other topics include basic economics and human relations. Classroom instruction reinforces leadership and management skills. Students participate in worksite training at various retail locations throughout the community. (Transportation required)

0608 Computer Game Design-Advanced

1 year/10 credits

Max Enrollment: 35 Students
Birch, Jurupa Hills, and Kaiser High School

This course is designed to teach students about the computer game industry from three main areas of focus; design, programming, and business. The students will gain entry-level competency in the skills needed for employment in the computer game industry. Instruction will be provided through programming, art, and design of popular computer games. Course competency is defined as having the ability to describe the computer game development cycle and building a simple computer game.

COLLEGE AND CAREER PREPARATION (CCP)

Continued

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| 0081 | <u>Customer Service Occupations CCP</u> | <u>1 semester/10 credits</u> | Max Enrollment: 30 Students
Birch, Kaiser High School |
| <p>This course provides students with skills and information needed to enter the world of work in the field of customer relations. Emphasis is placed on personal skills, team building, problem solving, effective communication and ethical behaviors. The skills acquired will provide students with a solid base for any occupation such as customer service representative or complaint clerk and provide a solid foundation for continued development.</p> | | | |
| 0094 | <u>Fire Technology CCP</u> | <u>1 semester/10 credits</u> | Max Enrollment: 30 Students
Kaiser High School |
| <p>This course provides training in all aspects of fire behavior, including combustion, fuels, hazardous materials, and various extinguishing agents. Students learn about fire apparatus, tools and equipment, hoses and nozzles, ladders, pumps, and personal protective equipment. Students participate in training in first aid, CPR and rescue practices. Students will participate in worksite training at various fire stations in the community that includes the practical application of skills, including fire station duties, emergency responses and physical fitness. (Transportation required. There is a cost for uniforms, see the CCP Career Placement Specialist for details.)</p> | | | |
| 0170 | <u>Foundations of Information Technology CCP</u> | <u>1 semester/5 credits</u> | Max Enrollment: 30 Students
Birch, Jurupa Hills and Kaiser High School |
| <p>Upon completion of this class, students will be able to identify and perform basic installation of computer components and peripheral devices; install and configure an operating system and software; use basic Internet functions; identify networking and programming tasks and design basic strategies to accomplish desired results. These skills provide students a solid foundation for continued training in computers at the post-secondary level.</p> | | | |
| 4031 | <u>Health Information Technician CCP</u> | <u>1 year/10 credits</u> | Max Enrollment: 30 Students
A.B. Miller and Kaiser High School |
| <p>This course prepares students for entry-level position. Medical records and health information technicians assemble patients' health information including medical history, symptoms, examination results, diagnostic tests, treatment methods, and all other healthcare provider services. Technicians organize and manage health information data by ensuring its quality, accuracy, accessibility, and security. They regularly communicate with physicians and other healthcare professionals to clarify diagnoses or to obtain information. Some medical records and health information technicians' need to have a basic understanding of medical terminology, anatomy and physiology, health data requirements and standards, clinical classification and coding systems, data analysis, health care reimbursement methods, database security and management, and quality improvement methods.</p> | | | |
| 0087 | <u>Landscape Occupations CCP</u> | <u>1 semester/10 credits</u> | Max Enrollment: 30 Students
Citrus High School |
| <p>This course gives students a practical understanding of the nursery, landscape, and horticulture business. Instruction and practical experience in the areas of nursery operations, plant propagation, soil requirements, diseases, pests, weed, plant identification, and landscape design principles are incorporated into the course.</p> | | | |
| 0088 | <u>Law Enforcement-Fundamentals CCP</u> | <u>1 semester/10 credits</u> | Max Enrollment: 30 Students
Kaiser High School |
| <p>This course offers instruction in the theory of law and the criminal justice system, including crime prevention, delinquency, investigation, and traffic control. Course work includes theory and lab activities for learning the process and procedures for gathering and analyzing evidence, conducting criminal investigations, and writing reports. Language arts and math standards are reinforced throughout the course. Students participate in physical fitness, first aid, and CPR training.</p> | | | |

COLLEGE AND CAREER PREPARATION (CCP)
Continued

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| 0084 | <u>Law Enforcement-Advanced CCP</u> | <u>1 semester/10 credits</u> | Max Enrollment: 75 Students
Kaiser High School |
| | PREREQUISITE: Law Enforcement-Fundamentals
Building upon the fundamentals, this course is designed to give students both classroom theory and hands-on experience in law enforcement. Emphasis is placed on effective communication skills, interpersonal skills, personal and professional development, strong academic skills and the use of technology. Students will be required to participate in physical fitness training. | | |
| 0604 | <u>Medical Assisting CCP</u> | <u>1 year/20 credits</u> | Max Enrollment: 25 Students
A.B. Miller and Kaiser High School |
| | PREREQUISITE: Medical Terminology, Application Packet
This course provides the basic skills necessary for employment in a physician's office or medical clinic. Instruction includes training in basic secretarial, financial, accounting, and receptionist duties, as well as the use of office equipment typically found in a medical office environment. The clinical component provides instruction in anatomy and physiology, patient preparation, laboratory and diagnostic procedures, pharmacology, and assisting the physician with minor surgical procedures. Students use medical terminology and abbreviations common to the occupation and appropriate written, verbal, and nonverbal communication skills with colleagues, patients, patient's families, and physicians. | | |
| 4064 | <u>Medical Core 1 CCP</u> | <u>1 year/10 credits</u> | Max Enrollment: 34 Students
A.B. Miller, Fontana, and Kaiser High School |
| | This course is designed for all students seeking a career in the healthcare field. The course is divided into three modules. Module 1: Medical Core focuses on an over view of the healthcare system in the United States, roles and responsibilities of healthcare workers, legal and ethical issues, communications skills, and cultural diversity. Module II will center on the language of healthcare (medical terminology) through the study of anatomy and physiology. A strong foundation in medical terminology is necessary for all students who want a career in the Health Science and Medical Technology Industry Sector. Module III introduces students to the many careers in each of the five pathways: Biotechnology, Diagnostic Services, Health Informatics, Support Services, and Therapeutic Services. Students will explore the various careers, educational requirements, and common skills for each of the pathways. | | |
| 0095 | <u>Medical Terminology CCP</u> | <u>1 semester/5 credits</u> | Max Enrollment: 30 Students
Fontana and Summit High School |
| | This course is a pre-requisite to all medical courses offered in the ROP. By the end of the course, the student will be able to identify, spell, pronounce and define root words, prefixes and suffixes common to medical careers. Upon successful completion, students will be able to use common abbreviations and appropriate reference materials. | | |
| 0099 | <u>Nurse Assistant-Acute Care CCP</u> | <u>1 semester/10 credits</u> | Max Enrollment: 20 Students
Fontana High School |
| | PREREQUISITE: Certified Nurse Assistant, Application Packet
This course is designed to prepare students who are Certified Nursing Assistants for employment in an acute care facility. The competency-based curriculum provides a review of nursing assistant skills with emphasis placed on specialized acute care areas such as medical, surgical, orthopedic, pediatric, and obstetrical units. This course includes both classroom instruction and clinical practice. At the completion of the course, students will demonstrate knowledge of skills required to assist the nurse in providing nursing care and service to the patient in an acute care setting. Basic academic, communication, interpersonal, and problem-solving skills are reinforced throughout the course.
(Transportation may be required) | | |
| 0065 | <u>Nurse Assistant (CNA) CCP</u> | <u>1 semester/10 credits</u> | Max Enrollment: 20 Students
Fontana High School |
| | PREREQUISITE: Medical Terminology
This course prepares students to take the Nurse Assistant Certification Examination. Instruction includes both classroom and mandatory clinical training in patient care procedures, safety, infection control, rehabilitative patient care, and communication with patients, doctors, patient's families and staff. Students must meet minimum training hours in theory and clinical instruction in preparation to meet certification requirements of the California State Department of Health for employment in a long-term health care facility or convalescent hospital setting.
(Transportation may be required) | | |

COLLEGE AND CAREER PREPARATION (CCP)

Continued

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| 8546 | <u>Personal Fitness Trainer CCP</u> | <u>1 semester/10 credits</u> | Max Enrollment: 25 Students |
| | <p>This course is designed to prepare students with entry-level employment skills in the areas of fitness and exercise, physical therapy and athletic training. Instruction will include basic anatomy and physiology, vital signs, first aid, CPR and nutrition for fitness and sports. Specific topics such as training room management, theory and application of exercise (isometric, isotonic, isokinetic), injury prevention and rehabilitative exercises are also taught.</p> | | |
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| 0077 | <u>Professional Dance CCP</u>
PREREQUISITE: Application packet | <u>1 year/20 credits</u> | Max Enrollment: 25 Students
A.B. Miller High School |
| | <p>This course is designed to prepare students for immediate employment in professional dance. Students will explore a variety of dance forms and improvisational movements while observing, analyzing and critiquing their own works and those of others to monitor growth in dance skills and performances. Students will also examine the role of dance in historical and contemporary culture and observe dance using an aesthetic perspective.</p> | | |
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| 6064 | <u>Radio Broadcasting CCP</u> | <u>1 semester/5 credits</u> | Max Enrollment: 30 Students
Jurupa Hills High School |
| | <p>This class introduces students to the concept of operating a radio station. The course emphasizes the basic elements of radio broadcasting and includes topics such as Federal Communication Commission (FCC) Regulations, announcing, reporting, commercial production and basic engineering. Practical experiences will be provided at a local radio station or a student operated radio station. Upon successful completion of the course, the student will be able to continue training at the post-secondary level and/or seek entry-level employment. Achieving course competencies will prepare the student for entry-level employment as an announcer, transmitter operator, audio operator, newscaster and other related radio broadcast occupations.</p> | | |
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| 0166 | <u>Recording Engineering CCP</u>
Prerequisite: Digital Audio Recording II | <u>1 year/ 10 credits</u> | Max Enrollment: 30 Students
Jurupa Hills High School |
| | <p>The Recording Engineering curriculum will include the basic music theory introduction and review, transcribing existing composition, programming sampled sounds, multi-track recording, using MIDI, arrangement, compos-ing, ear training. Students will use theory, sequencing, and notation software. Student will also gain a working knowledge of the equipment, including computer equipment performances per year to help prepare for their recording experience. Students wanting to train as studio musicians learn important aspects of becoming a studio musician, and will be required to do many live performances per year to help prepare for their recording experi-ence. Students gain experience in recording, mixing down, and burning CD music projects by working with analog and digital mixing technology.</p> | | |
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| 0082 | <u>Sports Medicine 1 CCP</u> | <u>1 year/10 credits</u> | Max Enrollment: 30 Students
A.B. Miller, Fontana High School |
| | <p>This class is designed to prepare students with entry-level employment skills in the areas of fitness and exercise, physical therapy, and athletic training. Instruction will include basic anatomy and physiology, vital signs, first aid, CPR and nutrition for fitness and sports. Specific topics such as training room management, theory and application of exercise (isometric, isotonic, isokinetic), injury prevention, and rehabilitative exercises are also taught. The instructor schedules community classroom hours.</p> | | |
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| 0137 | <u>Stagecraft Construction CCP</u> | <u>1 year/20 credits</u> | Max Enrollment: 30 Students
Kaiser, Jurupa Hills and A.B. Miller High School |
| | <p>This course provides instruction and training for students interested in stagecraft construction and technology. Students that achieve competency will be prepared for entry-level employment for positions such as a stagehand, lighting technician, sound technician and set decorator. Instruction and practical experience include stage construction, sound and lighting technology, stage architecture and stage design elements.</p> | | |

COLLEGE AND CAREER PREPARATION (CCP)
Continued

0165 Stagecraft Design CCP

1 year/10 credits

Max Enrollment: 30 Students
Jurupa Hills and Kaiser High School

This course provides instruction and training for students interested in stage design. Students that achieve competency in this course will develop skills in stagecraft design and will be prepared for entry-level employment. Entry-level positions include set decorator, set designer and assistant art director. Instruction and hands-on experience includes set architecture, design elements, stage management, lighting design, costume design and make-up application.

0045 Welding Certification CCP

1 semester/10 credits

Max Enrollment: 30 Students
Fontana High School

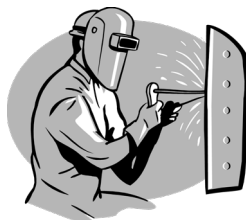
This course is designed for students with some basic welding skills and includes classroom and in-depth practical instruction in oxy-acetylene, metal inert gas, and wire feed welding. Students that achieve competency in this course will be prepared to take the welding certification examination.

0139 Welding Technology CCP

1 semester/10 credits

Max Enrollment: 30 Students
Fontana High School

This course introduces students to various welding techniques and includes classroom and practical instruction in arc, oxy-acetylene, metal inert gas, tungsten inert gas welding, and cutting methods. Students that achieve competency will be prepared for entry-level employment in the welding field. Students can advance to the Welding Certification CCP course to prepare to take the welding certification exam or continue their education and training at a post-secondary institution.



MISCELLANEOUS ASSIGNMENTS

<u>COURSE NUMBER</u>	<u>COURSE TITLE</u>	<u>COURSE LENGTH</u>	<u>GRADE LEVEL</u>
6906	#Academic Decathlon	1 year	9,10,11,12
6910	AVID 1	1 year	9,10,11,12
6920	AVID 2	1 year	9,10,11,12
6930	AVID 3	1 year	9,10,11,12
6940	AVID 4	1 year	9,10,11,12
6999	AVID tutor	1 semester	11,12
6391	Principles of Leadership	1 year	11, 12
6960	Peer Leader 1	1 year	9,10,11,12
6965	#Peer Leader 2	1 year	9,10,11,12
5085	# Student Executive Board	1 year	9,10,11,12
0116	#Work Experience	1 semester	11,12
6970	Peer Tutor	1 year	10,11,12
6998	Student Store	1 year	10,11,12

May be repeated for credit

MISCELLANEOUS ASSIGNMENTS

- 6906 Academic Decathlon** **1 year** **9,10,11,12**
PREREQUISITE: For students who are members of Academic Decathlon Team. Local competition begins at 11th grade level. Open to all students who wish to represent Summit High School as the Academic Decathlon. Students must maintain a 2.0 GPA or better.
 The teams may participate in competitions in both San Bernardino and Orange County. The course will cover the current academic syllabus in the academic areas: Mathematics, Science, History, English Literature, Fine Arts, Speech (prepared and impromptu) interview, Economics, essay composition and the special super quiz designed subject areas. The 9th & 10th grade team will use Health as a topic in lieu of Economics. Team members will be interviewed and videotaped in preparation for the interview portion of the Academic Decathlon.
- 6910 AVID 1 (Advancement Via Individual Determination)** **1 year** **9,10,11,12**
6920 AVID 2
6930 AVID 3
6940 AVID 4
PREREQUISITE: Must be enrolled with AVID Coordinator approval/placed by grade level.
 AVID is a four-year program designed to assist underrepresented students in attaining admission to a 4-year university. Curriculum includes writing, inquiry, collaboration, organization and reading. The first year teaches management. The following years review AVID techniques and focus on college choices and requirements, financial aid, and prep for college exams. All AVID classes have college tutors twice a week for tutorials and go on various field trips to colleges to encourage the students to focus on a 4-year college acceptance.
- 6999 AVID Tutor** **1 semester** **11,12**
PREREQUISITE: AVID teacher/coordinator approval.
 AVID Tutor students learn the AVID methodologies in tutoring and apply them in the classroom by tutoring younger peers in academic subjects. A written reflection notebook is kept to review tutoring progress.
- 6391 Principles of Leadership** **1 year** **11, 12**
 Principles of Leadership (Link Crew) is a two-semester course that combines high-level critical thinking, writing, and analytical skills with mentorship and entrepreneurial project experiences and implementation. Students will participate in research and evaluation, project planning and execution, as well as leadership and critical thinking-based activities in order to further develop these key skills in tandem with mentorship and counseling of fellow students through the Link Crew Program.
- 6960 Peer Leader 1** **1 year** **9,10,11,12**
PREREQUISITE: Enrollment by staff recommendation and instructor approval.
 Students will learn the skills necessary to assist others in discovering choices and making intelligent decisions. Students will gain information about a variety of topics concerning today's youth. Students will assume the role of Peer Leader on campus.
- 6965 Peer Leader 2** **1 year** **9,10,11,12**
PREREQUISITE: Peer Leadership 1 and instructor approval.
 Students will be pro-active on campus as student helpers and role models while gaining knowledge about social issues. May be repeated for credit.
- 6970 Peer Tutor** **1 semester** **11,12**
PREREQUISITE: Students must have earned an A or B in the course in which they are tutoring.
 Peer Tutors work directly with small groups or individual students in academic classes. Their purpose is to help students improve in academic subjects. Peer tutors will be required to document their work through logs, reflective journals, and evaluations. Peer Tutor is not an "a-g" eligible course. Both parent and student must consent with the understanding that this is not an academic course or an academic elective. For elective credit or credit only.

MISCELLANEOUS ASSIGNMENTS CONTINUED

5085 **Student Executive Board**

1 year

9,10,11,12

PREREQUISITE and Statement of Academic Standards: Student must be passing in at least four classes, equivalent to 20 semester units of work and maintain a "C" average the previous semester prior to such activity. In courses at high school where credit or no credit is awarded (student leadership training - Executive Board and Activities Board), a credit grade shall be considered as maintaining eligibility for participation. Eligibility shall be determined by semester grades. A student will be eligible or ineligible for the entire semester. This policy shall be in effect at the end of each semester. (Board Policies, #6121)

Student Executive Board is a training course designed for elected and appointed A.S.B. officers and class officers to learn leadership techniques and apply them in the practical context of school situations. Leadership curriculum is incorporated into the daily routine of the class as students plan activities and hold student council meetings.

0116 **Work Experience**

1 semester

11,12

PREREQUISITE: 16 years of age, junior, and employed with a valid permit.

Work Experience links the academic core curriculum with the work force and promotes students' school-to-career transitions. Students develop skills, habits and attitudes conducive to job success and personal growth, while helping them to choose and prepare for their careers. Students must have a valid work permit, be at least 16 years old, in 11th or 12th grade, and currently employed to participate. Must maintain good grades, behavior and attendance.

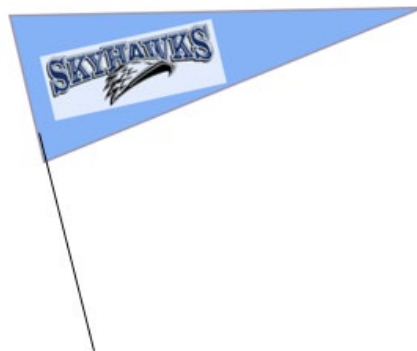
6998 **Student Store**

1 year

10,11,12

PREREQUISITE: ASB Director approval needed.

Students will learn the skills necessary to operate a student store on campus. Students work under the supervision and direction of the ASB director to complete such tasks as: compiling an inventory as well as stocking and selling school merchandise.



COURSES THAT MAY BE TAKEN FOR REPEAT CREDIT

Teacher approval may be required

ENGLISH LANGUAGE LEARNERS

ELD 1
ELD 2
ELD 3
ELD 4

FINE ARTS

Ceramics B
Choir Ensemble
Drama 2A & 2B
Orchestra
TV Production 1 & 2
Yearbook Production

MISCELLANEOUS ASSIGNMENTS

Academic Decathlon
Auxiliary Band
Peer Leader 2
Student Executive Board
Work Experience
Principles of Leadership
Peer Tutor
Student store

PHYSICAL EDUCATION

Adaptive P.E.
Athletics
Auxiliary Band
Jazz Band
Marching Band
Physical Education (PE) 2
Yoga

COLLEGE AND CAREER PREPARATION (CCP)

All Classes

SCHOOL OF BUSINESS AND TECHNOLOGY

Advance Digital Photography
TV Productions 2
Mechatronics
Ethical Hacking 1: Defensive Hardening
Advanced Multi-Media Design & Comm.
Maintenance Light Repair 1
Maintenance Light Repair 2
Maintenance Light Repair 3
Computer Science Applications AP

SPECIAL EDUCATION

Community Services
Reading Improvement
Workability
Work Experience
Read 180

SPECIAL PROJECTS

Applied Technology
Business Education
English
Fine Arts
World Languages
Learning Handicapped
Mathematics
Physical Education
Science