

SECONDARY COURSE CATALOG

7-12



GARDEN GROVE UNIFIED
EDUCATION CENTER

2017-2018

BOARD OF EDUCATION

Vision and Mission

Vision

We are committed to preparing all students to be successful and responsible citizens who contribute and thrive in a diverse society.

Mission

To ensure student success, we will provide a rigorous and supportive academic experience that motivates all learners to meet high expectations.

BOARD OF EDUCATION

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Non-Discrimination Statement

Garden Grove Unified School District prohibits discrimination, harassment, intimidation and bullying in educational programs, activities, or employment on the basis of actual or perceived ancestry, age, color, disability, gender, gender identity, gender expression, nationality, race or ethnicity, religion, sex, sexual orientation, parental, pregnancy, family or marital status, military status or association with a person or a group with one or more of these actual or perceived characteristics.

Contact Information:

Questions or complaints of alleged discrimination, harassment, intimidation, bullying, and equity should be directed to the Executive Director of K-12 Educational Services at (714) 663-6143. Title IX equity and compliance concerns should be directed to the Assistant Superintendent of Personnel Services at (714) 663-6464. Complaints may be mailed to 10331 Stanford Avenue, Garden Grove, CA 92840.

THE GARDEN GROVE WAY



This Course Catalog has been prepared in order to provide schools and students with information regarding course offerings, graduation requirements, and college admission. Courses offered at school sites vary. This Course Catalog is also available on the District Website at www.ggusd.us.

GARDEN GROVE UNIFIED SCHOOL DISTRICT
Office of Secondary Education
Department of 7-12 Instructional Services

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INTERMEDIATE SCHOOLS

ALAMITOS INTERMEDIATE SCHOOL

Christine Pflughoft, Principal
12381 Dale Street
Garden Grove, CA 92841
Phone: (714) 663-6101
FAX: (714) 663-6277

BELL INTERMEDIATE SCHOOL

Matt Lambert, Principal
12345 Springdale
Garden Grove, CA 92845
Phone: (714) 663-6466
FAX: (714) 663-6238

DOIG INTERMEDIATE SCHOOL

Louie Gomez, Principal
12752 Trask Avenue
Garden Grove, CA 92843
Phone: (714) 663-6241
FAX: (714) 636-6438

FITZ INTERMEDIATE SCHOOL

Mischelle Repsher, Principal
4600 McFadden Avenue
Santa Ana, CA 92704
Phone: (714) 663-6351
FAX: (714) 663-6527

IRVINE INTERMEDIATE SCHOOL

Bill Gates, Principal
10552 Hazard
Garden Grove, CA 92843
Phone: (714) 663-6551
FAX: (714) 663-6013

JORDAN INTERMEDIATE SCHOOL

Tracy Conway, Principal
9821 Woodbury
Garden Grove, CA 92844
Phone: (714) 663-6124
FAX: (714) 663-6123

LAKE INTERMEDIATE SCHOOL

Margaret Feliciani, Principal
10801 Oranewood Avenue
Garden Grove, CA 92840
Phone: (714) 663-6506
FAX: (714) 663-6065

MC GARVIN INTERMEDIATE SCHOOL

Tahnee Phan, Principal
9802 Bishop
Westminster, CA 92683
Phone: (714) 663-6218
FAX: (714) 663-6163

RALSTON INTERMEDIATE SCHOOL

Ruth Dietze, Principal
10851 Lampson Avenue
Garden Grove, CA 92840
Phone: (714) 663-6366
FAX: (714) 638-7155

WALTON INTERMEDIATE SCHOOL

Janis Cody, Principal
12181 Buaro Street
Garden Grove, CA 92840
Phone: (714) 663-6040
FAX: (714) 663-6477

HIGH SCHOOLS

BOLSA GRANDE HIGH SCHOOL

Louise Milner, Principal
9401 Westminster Avenue
Garden Grove, CA 92844
Phone: (714) 663-6424
FAX: (714) 663-6029

GARDEN GROVE HIGH SCHOOL

Steve Osborne, Principal
11271 Stanford Avenue
Garden Grove, CA 92840
Phone: (714) 663-6115
FAX: (714) 663-6030

LA QUINTA HIGH SCHOOL

Denise Halstead, Principal
10372 McFadden Avenue
Westminster, CA 92683
Phone: (714) 663-6315
FAX: (714) 663-6046

LOS AMIGOS HIGH SCHOOL

Vicki Braddock, Principal
16566 Newhope Street
Fountain Valley, CA 92708
Phone: (714) 663-6288
FAX: (714) 663-6518

PACIFICA HIGH SCHOOL

Robin Patterson, Principal
6581 Lampson Avenue
Garden Grove, CA 92845
Phone: (714) 663-6515
FAX: (714) 663-6037

RANCHO ALAMITOS HIGH SCHOOL

Mary Jane Hibbard, Principal
11351 Dale Street
Garden Grove, Ca 92841
Phone: (714) 663-6415
FAX: (714) 663-6439

SANTIAGO HIGH SCHOOL

Mike Kennedy, Principal
12342 Trask Avenue
Garden Grove, CA 92843
Phone: (714) 663-6215
FAX: (714) 663-6290

Continuing and Alternative Education

HARE CONTINUATION HIGH SCHOOL

Todd Nirk, Principal
12012 S. Magnolia Street
Garden Grove, CA 92841
Phone: (714) 663-6508
FAX: (714) 663-6510

LINCOLN EDUCATION CENTER

11262 Garden Grove Blvd.
Garden Grove, CA 92843

Adult Education

Connie Van Luit, Director
Phone: (714) 663-6305
FAX: (714) 663-6313

CTE/ROP

Myra Clarke, Director
Phone: (714) 663-6187
FAX: (714) 663-6313

INTERMEDIATE GENERAL INFORMATION

- **Scheduling/Registration for Intermediate School** Sixth grade students are enrolled in the appropriate intermediate school in the spring of each school year following orientation meetings. Seventh grade students are registered for their eighth grade year in the spring of each year on the intermediate school campuses. Parents are encouraged to participate in the registration process by reviewing the course catalog and the school's registration paperwork with their students and by communicating with school personnel.
- **School Day and Attendance** The intermediate school day is made up of six separate instructional periods. Students are expected to attend each of their scheduled classes promptly and regularly. Regular attendance is one of the greatest contributing factors to success in school. Absences should be avoided whenever possible. Homework is an important aspect of the educational experience in a partnership with the teacher, the student, and the parents.
- **Grade Reporting** Grades are reported quarterly at nine-week intervals during the school year. Parents should anticipate these reports and inquire about them if they have not been received within ten school days following the end of each quarter. Report cards issued at the end of the year are mailed home. Information concerning student progress is available upon request in Spanish, Vietnamese, and Korean.

Parents and students are able to monitor progress/grades and attendance daily through the parent and student portals. Access codes for parent and student portals are distributed each year by schools. They are available upon request in each school's main office.

Progress reports are sent home during the fifth week of each quarter indicating noteworthy situations such as failing (F), unsatisfactory (D) grades, or unsatisfactory (U) citizenship or work habit marks. Progress reports also include comments when appropriate.

- **Academic/Citizenship Excellence** Academic excellence is recognized by the publication of an honor roll at each school. To qualify for the honor roll, students must achieve a 3.00 grade average or better on their report card.

Each intermediate school provides extracurricular activities for those students with exceptionally good grades. Students are encouraged to strive for membership in the organizations which sponsor these activities. Each school will inform students of the qualifying requirements. Some schools also provide similar activities for students qualifying for citizenship honors.

INTERMEDIATE SCHOOL STANDARDS AND EXPECTATIONS

Students in grades seven and eight shall:

ACADEMIC:

- Earn and maintain a minimum cumulative 2.0 grade point average.

BEHAVIOR:

- Maintain acceptable behavior and conform to all rules and regulations.

ATTENDANCE:

- Attend school (except for illness) and be punctual every day.

HIGH SCHOOL GENERAL INFORMATION

- **Annual Registration** Students are given the opportunity in the spring of each school year to select courses for the following year. It is important that courses be selected in cooperation with the student's parent, with high school graduation and university A-G requirements, career objectives, and the student's Personal Learning Plan in mind. Course selection represents a commitment on the part of the student that he or she will satisfactorily complete the schedule of classes chosen. Students should check carefully to ensure that they have taken the proper prerequisites for each course selected.
- **Units of Credit** Five units of credit will be earned for each on-campus semester course completed with a passing grade. The maximum number of credits which a student may earn in any one semester shall not exceed 45 in any combination of regular day school classes, ROP, adult education, continuing education, or contract independent study. Exceptions may be made for individual students only in unusual circumstances and when prior written approval is granted by the high school principal. In no instance may a student be permitted to earn more than 15 credits per semester in an approved off-campus program.
- **Grade Reporting** Grades are reported quarterly at nine-week intervals during the school year. Parents should anticipate these reports and inquire about them if they have not been received within ten school days following the end of each quarter. Report cards issued at the end of the year are mailed home. Information concerning student progress is available upon request in Spanish, Vietnamese, and Korean.

Progress reports are sent home during the fifth week of each quarter indicating noteworthy situations such as failing (F), unsatisfactory (D) grades, or unsatisfactory (U) citizenship or work habit marks. Progress reports also include comments when appropriate.

Semester grades and end of year grades are reported on student transcripts. These grades will determine GPA used for college entrance.

Parents and students are able to monitor progress/grades and attendance daily through the parent and student portals. Access codes for parent and student portals are distributed each year by schools. They are available upon request in each school's main office.

- **Repeated Courses** Students may repeat a course to improve a grade of a D; however, duplicate units of credit will not be awarded in the repeated courses. When a course is repeated, the higher grade will be computed into the student's GPA, but the previous course is not removed from the transcript. **Note that students must receive a C or better in A-G course in order to eligible for UC/CSU admissions.**
- **Withdrawal/Removal from a Class** When a student withdraws or is removed from a class after the first three weeks of a semester, a "W/F" semester grade will be assigned.
- **Off-Campus Courses** Students who wish to take off-campus courses, with the exception of ROP, for high school credit must have PRIOR WRITTEN APPROVAL from their high school principal. **This regulation covers courses taken during the summer and/or during the regular school year.** Students wishing to take Community College courses must also fill out the Non-GGUSD Course Enrollment Request Form 9802.110.

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- **Schedule Changes** As indicated in the first paragraph, course selection represents a commitment on the part of the student that he or she will satisfactorily complete the schedule of classes chosen. However, student requests for schedule change are honored for the following reasons only:
 - * Scheduling error (example – enrolled in a course that has already been completed)
 - * Failure to complete a prerequisite course or requirement
 - * Graduation or college or university requirement omitted from schedule
 - * Special programs such as sports, orchestra, band, art, choir, and ROP
 - * Summer school course completion

- **Attendance - Minimum School Day** Regular attendance is one of the greatest contributing factors to success in school. All persons under 18 years of age who have not graduated from high school are required by state law to attend school. Students are expected to attend six class periods daily. A seven period day option is available at some schools. Second semester seniors concurrently enrolled in adult education must be enrolled in four daytime classes at the school of residence. Students are expected to attend each of their scheduled classes promptly and regularly. Absences should be avoided whenever possible.

- **District Non-discrimination Policy** The district maintains a policy of nondiscrimination on the basis of sex, race, color, national origin, or handicap in its educational programs and activities. The Uniform Complaint Officer, 10331 Stanford Avenue, Garden Grove, telephone (714) 663-6143, is the designated administrative officer for the district.

- **Graduation Ceremony Recognition** Seal of Biliteracy, California Scholarship Federation (CSF) Seal Bearer, National Honor Society (NHS), and Golden State Merit Diploma, are special recognitions, which seniors may be granted upon graduation. Please see the school counselor for more information regarding these special programs and the requirements for eligibility.

- **Eligibility for University Admission: A-G Requirements** All students are strongly encouraged to attend 4-year public or private universities following high school. Our State Universities, California State Universities (CSU) and Universities of California (UC), require a certain number and sequence of college-preparatory courses, which are called the A-G requirements. Students must pass these courses with a C or better, in order for a student to be eligible to apply to a CSU or UC. Courses that meet “A-G” subject requirements are identified in this catalog.

Certain courses contain the letters “P” and/or “AP” in the title. The letter “P” is a transcript code which signifies a college-preparatory course that meets the A-G requirements. AP Courses also meet A-G requirements; the Advanced Placement (AP) program allows students to participate in college-level studies while they are still in secondary school. Students can earn college credit by passing the AP Exam associated with each class and can also earn weighted GPA credits. **Courses without a “P” or “AP” do not meet California A-G requirements.**

INTERMEDIATE PROGRAM AND SERVICES

The intermediate school program represents an important phase in a student's educational experience. Assisting students in making the transition from elementary school and preparing them for the high school curriculum are the goals of the instructional program. Skills in reading, writing, literature, mathematics, history/social science, and science are further developed in the required course sequence. Elective courses such as art, music, industrial and applied arts, and home economics serve to broaden the student's educational background. Both required and elective courses are described in the course descriptions section of this catalog. Comprehensive course outlines for all classes are available at each school.

Each intermediate school is staffed with a counselor committed to implementing a comprehensive guidance program. Each student and parent can expect guaranteed services as a result of the program design. The three major program areas are:

- Individual and small group educational and academic career planning
- College/career units taught in grades seven and eight
- Assistance with personal situations requiring individualized help

Intermediate students and parents can also expect the following services:

- Pre-enrollment orientation and transition
- Parent and/or student conferences upon request
- Registration and scheduling
- Proficiency and achievement testing
- Test interpretation
- Special grade checks or progress reports upon request
- Counseling assistance and referral information for special needs

ELIGIBILITY REQUIREMENTS FOR STUDENTS TO PARTICIPATE IN EXTRACURRICULAR OR CO CURRICULAR ACTIVITIES

California law establishes minimum standards for students in grades 7-12 participating in extra-curricular or co-curricular activities. Each quarter students must earn a minimum grade point average (GPA) of 2.0 on a 4.0 point scale. Students must also be showing satisfactory progress toward graduation. Incoming ninth grade students who did not maintain a 2.0 grade point average in the last grading period of the eighth grade school year may be granted eligibility to participate in extra-curricular and co-curricular activities during a probationary period of the first grading period of the ninth grade.

HIGH SCHOOL GUIDANCE PROGRAM AND SERVICES

The counselors in the Garden Grove Unified School District are committed to implementing a comprehensive guidance program. Each student and parent can expect guaranteed services as a result of the program design. The three major areas are:

1. **CAREER AND EDUCATIONAL PLANNING:** Students are assisted in the development of a four-year educational program that maximizes high school opportunities and prepares the student for future success. Areas of discussion include:
 - High school course planning to meet college entrance requirements
 - Opportunities to meet with college representatives on the high school campus
 - Testing information (PSAT, ACT, SAT)
 - Financial aid/scholarship information
 - Assistance with applications, scholarship/admission recommendations
 - College information appropriate to individual goals
 - Regional Occupational Program/ Career Technical Education: career pathways
 - Community college vocational programs and trade/technical school information
 - Military services
2. **GUIDANCE CURRICULUM:** The curriculum will focus on career surveys and an awareness of graduation requirements, college entrance and testing requirements, and career/vocational information.
3. **RESPONSIVE SERVICES:** Assistance and referral information will be provided to students and parents with specific needs including the identification of appropriate agencies.

Students and parents can also expect the following services:

- Development of a Personal Learning Plan
- Pre-enrollment orientation to include the scheduling process and graduation requirements
- Registration, scheduling, program adjustments as needed
- Aptitude and achievement testing, and interest inventory assessment
- Test results interpretation
- Parent conferencing, parent-teacher conference arrangements
- Counseling assistance and referral information for special needs
- Special grade reports provided upon request
- Graduation status reports

INTERMEDIATE SCHOOL COURSE OF STUDY

The intermediate school course of study is described below according to the requirements in each subject.

SUBJECT	DETAILS
ENGLISH	All students are enrolled in English/Language Arts (for two periods in grade seven and for one or two periods in grade eight). English Learners are provided English Language Development (ELD) in grades seven and eight as needed based on each student's CELDT proficiency level.
MATHEMATICS	All students are enrolled in one year of Mathematics in grade seven and one year of Mathematics in grade eight.
SCIENCE	All students are enrolled in one semester of Life Science in grade seven and one year of Physical Science in grade eight.
HISTORY/SOCIAL SCIENCE	All students are enrolled in one semester of World History in grade seven and one year of US History in grade eight.
PHYSICAL EDUCATION	All students are enrolled in one year of Physical Education in grade seven and one year of Physical Education in grade eight.
FINE ARTS/ APPLIED ARTS	All students not in need of intervention may be enrolled in two semesters of fine or applied arts in grade 7 and/or 8. Fine arts include courses in art, music, drama, and journalism. Applied arts include courses in technology, keyboarding, and world language.

INTERMEDIATE STUDENT WORKSHEET

SAMPLE SCHEDULES

All intermediate school students are required to be enrolled in six classes per day. Students are placed at the appropriate level in English and Mathematics based upon test results, evidence of skills acquired in previous grades, and overall performance.

NAME: _____

7TH GRADE SAMPLE SCHEDULE

1 ST SEMESTER	2 ND SEMESTER	1 ST SEMESTER	2 ND SEMESTER
ENGLISH/LANGUAGE ARTS	ENGLISH/LANGUAGE ARTS		
ENGLISH/LANGUAGE ARTS COMPANION	ENGLISH/LANGUAGE ARTS COMPANION		
MATHEMATICS	MATHEMATICS		
LIFE SCIENCE	WORLD HISTORY		
PHYSICAL EDUCATION	PHYSICAL EDUCATION		
COMPANION OR ELECTIVE	COMPANION OR ELECTIVE		

8TH GRADE SAMPLE SCHEDULE

1 ST SEMESTER	2 ND SEMESTER	1 ST SEMESTER	2 ND SEMESTER
ENGLISH/LANGUAGE ARTS	ENGLISH/LANGUAGE ARTS		
PHYSICAL SCIENCE	PHYSICAL SCIENCE		
MATHEMATICS	MATHEMATICS		
PHYSICAL EDUCATION	PHYSICAL EDUCATION		
UNITED STATES HISTORY	UNITED STATES HISTORY		
COMPANION OR ELECTIVE	COMPANION OR ELECTIVE		

HIGH SCHOOL PLANNING GUIDE FOR EIGHTH GRADE STUDENTS

In the spring of the eighth grade year, students will be pre-registered to enter high school for the following school year.

Planning for high school includes:

- A chart outlining graduation requirements with an explanation of how to earn credits toward graduation
- Model programs designed to meet the district's graduation requirements
- Visitations by high school counselors to intermediate schools each spring to conduct a pre-registration and orientation
- Each high school conducts orientations either in the spring or prior to school in the fall for incoming ninth grade students and their parents
- All eighth grade students will visit their school of residence the second semester of their eighth grade year.

GARDEN GROVE UNIFIED SCHOOL DISTRICT
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HIGH SCHOOL GRADUATION REQUIREMENTS

Graduation will be authorized by the Board of Education, and a diploma will be granted to all students who have acquired 220 units of credit from the adopted Course of Study during grades 9-12 in any comprehensive High School. Under no circumstances will a student be allowed to participate in the graduation ceremony unless he/she has completed all graduation requirements satisfactorily. Note that meeting the high school graduation requirements does not necessarily meet the college entrance requirements, as additional A-G courses may be needed. The 220 units of credits shall include the following:

SUBJECT	MINIMUM REQUIRED CREDITS	DETAILS
English	40	Students are required to be enrolled in English courses through grade 12. Four years of English are required to graduate from the Garden Grove Unified School District. Students not proficient in English will be enrolled in an appropriate English Language Development (ELD) program. ELD students are required to take 40 credits of ELD and/or English. If a student has been enrolled solely in the ELD program, he/she must successfully complete Level C in order to graduate.
History/ Social Science	30	The History/Social Science requirement of 30 credits includes: One year (10 credits) of World History to be taken 9 th or 10 th grade; one year (10 credits) of U.S. History to be taken in 11 th grade; one year (10 credits) of Civics/Economics to be taken in 12 th grade.
Mathematics	30	Students are required to complete 30 credits of mathematics, including successful completion of Algebra 1P to graduate. Successful completion of Algebra 1P is a California State requirement. Students enrolling in High School in a math course with Algebra as a prerequisite can meet this requirement with a successful completion of Algebra 2.
Science	20	The Science requirement is 20 credits. Students must complete 10 credits of a Life Science course and 10 credits of a Physical Science course to graduate.
Fine Arts/ Applied Arts	10	The Fine Arts/Applied Arts requirement includes 10 credits selected from the following areas: Fine Arts – Art, Music, Speech, and Drama; Applied Arts including ROP.
Physical Education	20	The Physical Education requirement is 20 credits to be completed in grades 9 and 10. Education Code, Section 51241, allows the principal, under special circumstances, to grant a 10 th grade student exemption from courses in physical education for up to two years. For example, a 10 th grade student whose program is too restrictive to allow the selection of a desired elective may delay taking the second required P.E. class until the 11 th or 12 th grade. All students must successfully complete 20 credits of physical education to graduate. <i>Two-Year Exemptions:</i> <i>With the student's consent, the Superintendent or designee may exempt a student from physical education courses for any two years during grades 10-12 provided the student has satisfactorily met at least five of the six standards of the state's physical fitness test in grade 9. (Education Code 51241)</i>
Health	2.5	The Health Education State Requirement, which includes Family Life, is required of all students. Health Education is a semester course.
Electives	67.5	The graduation requirements include successful completion of 67.5 elective credits. These electives should be selected according to the student's Personal Learning Plan with post-high school goals in mind. These elective credits are made up from academic courses (World Language, third and fourth year of Science, fourth year of Math), or additional P.E., Fine Arts, and Career Technical Education courses. 2.5 credits of the semester Health Education course count toward the elective requirement.
TOTAL CREDITS	220*	

**Students graduating from Hare High School are required to complete 200 credits including the four Core Content Areas, Fine Arts, Health, and a total of 67.5 credits of Electives and/or Physical Education.*

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**PROGRAM EXAMPLES DESIGNED TO MEET
DISTRICT GRADUATION AND A-G REQUIREMENTS**

The sequence below shows various options for coursework throughout high school. Each student will complete a four year plan on the California Colleges Guidance Initiative website identifying the sequence of courses needed to graduate and meet UC/CSU A-G requirements.

Subject	9 th GRADE	10 th GRADE	11 th GRADE	12 th GRADE
English Language Arts	English 1P/ English 1H	English 2P/ English 2H	English 3P/ English 3H/ AP Language and Composition	English 4P/ English 4P ERWC/ AP Literature and Composition
Math	One of the following: Algebra 1P, Geometry P, Algebra 2P, or Algebra 2/Trig	Next course in sequence: Geometry P, Algebra 2P, Algebra 2/Trig, Trig/Prob & Statistics, or Pre-Calculus	Next course in sequence: Algebra 2P, Advanced Algebra w/Trig, Trig/Prob & Statistics, Pre- Calculus, Calculus AB AP, or Statistics AP	Next course in sequence: Advanced Algebra w/Trig, Trig/Prob & Statistics, Pre- Calculus, Calculus AB AP, Calculus BC AP or Statistics AP
Science	Biology P Health Education-State Requirement Physical Science P (earth), Biology AP, Anatomy/ Physiology P, Chemistry P, Chemistry AP, Physics P, Physics 1 AP, Physics C AP, or Environmental Science AP			
World Language	World Language (Level 1 or 2)	World Language (Level 2 or 3)		Fine and/or Applied Arts, World Language (Level 3, 4, or AP) Visual and Performing Arts requirement as prescribed by UC/CSU
Social Science	World History H Human Geography AP	World History P/ World History H/ World History AP	US History P/ US History AP	Civics P/ Economics P/ Civics AP/ Economics AP
Electives/ Fine Arts/ PE	Elective (Fine Arts) – Dance, Drama/ Theater, Music, and Visual Arts /Physical Education/	Physical Education, Visual and Performing Arts requirement as prescribed by UC/CSU		Elective, Visual and Performing Arts requirement as prescribed by UC/CSU

HIGH SCHOOL STUDENT WORKSHEET

TO DEVELOP A PERSONAL LEARNING PLAN

- Review graduation and A-G requirements.
- Include all coursework required for graduation and prerequisites for your future educational or career goals.
- Check with your counselor or the college websites for detailed admission requirements for specific colleges or universities (generally referred to as the “A-G” subject requirements) and for high school prerequisites in your major field.

Post-Graduation

Name: _____ Goal: _____

9 th Grade			10 th Grade	
1 st Semester	2 nd Semester		1 st Semester	2 nd Semester

11 th Grade			12 th Grade	
1 st Semester	2 nd Semester		1 st Semester	2 nd Semester

COLLEGE INFORMATION

The chart below compares the median salaries of adults based on their level of education. College graduates (Bachelor's Degree) have the potential to earn more than twice the income of those with just a high school diploma. Bachelor's Degrees can be earned at any public (UC or CSU) or private 4-year university.

Level of Education	Income*
Without high school diploma	\$ 23,664 a year
With high school diploma	\$ 32,544 a year
Some College or Associate Degree	\$ 38,304 a year
College Degree (Bachelors)	\$ 54,576 a year
Master's Degree	\$ 64,368 a year
Doctoral Degree	\$ 77,904 a year

*US Bureau of Labor Statistics

COLLEGE FINANCIAL AID

Paying for college is possible for all students! Financial aid programs provide support for students to help meet the costs of obtaining a college education. Funding for such programs is provided by the federal and state governments, the individual colleges and universities, and a variety of other public and private sources.

Financial aid is split up into two categories based on the reason the money is awarded:

1. **Achievement-based aid** is awarded to students who have a special characteristic, skill, talent, or ability. Typically achievement-based aid is in the form of scholarships.
2. **Need-based aid** is provided to students who demonstrate financial need. Most financial aid, particularly public-funded aid, is awarded on the basis of financial need determined through the application process and in accordance with a prescribed federal formula.

4 Basic Types of Financial Aid Programs Available	
Grants Federal or state gift assistance with no obligation for work or repayment	Loans Providing funds now, but with a future repayment obligation
Scholarships Gift assistance with no obligation for work or repayment	Work-Study Part-time work while attending the institution

Most often, financial aid will come in the form of a package consisting of a combination of the different types of aid available. The combination of aid offered depends on the availability of funds, eligibility, the timeliness with which the application process is completed, and the student's year in school.

For more information on federal financial aid, visit: <http://www.fafsa.ed.gov/>
Visit the university websites for more information on possible sources of funding.

ENTRANCE REQUIREMENTS FOR COLLEGES AND UNIVERSITIES

All students are **strongly** encouraged to attend 4-year public or private universities following high school. Our State Universities, Cal State Universities and Universities of California, require a certain number and sequence of courses, which are called the A-G requirements (see below). Students must pass these courses with a C or better, in order for a student to be eligible to apply to a CSU or UC.

REQUIRED "A-G" COURSES
<p>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.</p>
<p>b. English – 4 YEARS REQUIRED Four years of college-preparatory English that include frequent and regular writing, and reading of classic and modern literature. One year of ELD C can be used to meet this requirement.</p>
<p>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.</p>
<p>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.</p>
<p>e. Language 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 taken in eighth grade that your high school accepts as equivalent to its own World Language courses can be used to meet this requirement</p>
<p>f. Visual and Performing Arts (VPA) – 1 YEAR REQUIRED A single yearlong approved arts course from a single VPA discipline: dance, drama/theater, music or visual art.</p>
<p>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).</p>

The pages that follow provide more specifics on the admission requirements for University of California, California State University, private Universities, and Community Colleges.

UNIVERSITY OF CALIFORNIA (UC)

For more information, visit: <http://www.universityofcalifornia.edu>

Campus Locations: Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, Santa Barbara, Santa Cruz, San Diego, and San Francisco (upper divisions School of Dentistry, Medicine and Nursing). All of the campuses adhere to the same admissions guidelines and high academic standards; yet each one has its own distinct character. Among the campuses there are five medical schools, three law schools, and a school of veterinary medicine, as well as professional schools of business administration, education, engineering, oceanography, and many others. Over 350 major academic areas of study can be found within the university system. The University of California admits the top 12.5% of California high school graduates.

UC Admission Requirements

To be eligible for admission to the University as a freshman, a student must meet the (1) subject requirement, (2) scholarship requirement, and (3) examination requirement described below.

1. Subject Requirement

To satisfy this requirement, a student must have successfully completed a specific sequence of high school courses (“A-G” REQUIREMENTS) in the subjects listed on the previous page.

2. Scholarship Requirement

The scholarship requirement defines the grade point average (GPA) students must attain in the “A-G” subjects and the SAT Reasoning Test (or ACT) and SAT Subject Test scores students must earn to be eligible for admission to the University.

- **GPA:** Earn a grade point average (GPA) of 3.0 or better in the “A-G” courses with no grade lower than a “C.”
- **Exams:** Meet the examination requirement by taking the ACT WITH Writing or SAT Reasoning Test with writing by December of your senior year. The UC system does not require SAT Subject Tests, but certain programs on some campuses recommend them, and you can use subject tests to satisfy the “A-G” requirements.
- **Grades:** Grades earned in “A-G” subjects taken in the ninth grade are not used to calculate a student’s grade-point average for admission. However, these courses are used to meet the Subject Requirement if they are completed with a grade of “C” or better.
- **D and F Grades** - D and F grades in the “A-G” courses must be repeated or in a small number of instances, cleared through other means. Consult with your counselor to determine how these grades can be improved and how the University will use them in evaluating your scholarship record. Grades will not be used for repeated courses in which you initially earned a grade of “C” or better.
- **University Certified Honors Level and Advanced Placement Courses** - The University wants to encourage students to take demanding, advanced academic courses in high school in order to strengthen the student’s preparation for university work and increase the chance for success in college. The university will give extra weight to the grades earned in up to eight semesters (40 credits) of work in courses that are certified by the high school Advanced Placement or select “Honor” level. In computing the GPA for admission, grades in these courses will be counted as follows: A=5 points, B=4 points, and C=3 points. (Grades of “D” are NOT assigned extra points.) College level courses in the “A-G” college - preparatory subjects that are transferable to the university are also assigned honors grade points.

3. **Examination Requirement**

To satisfy this admission requirement, a student must submit scores from the standardized tests described below. If a student is applying for admission to the fall term, these tests must be taken by December of the senior year, preferably earlier, to ensure that their application receives prompt and full consideration. Many students complete their initial testing in May and June of the junior year. If a student does not take the tests, or if the scores are not reported directly to the admissions office, admission to the University may be delayed or even denied.

The following tests are required of all freshman applicants:

One test, either “a” or “b”:

a. **SAT Reasoning Test**

Critical reading, writing, and mathematics scores from one test date are added together.

b. **ACT Assessment** (American College Test) plus writing

The composite score from the ACT assessment plus the ACT writing test.

APPLYING TO UNIVERSITY OF CALIFORNIA

Students should complete the Undergraduate Application Form available at www.universityofcalifornia.edu/apply. A student may apply to as many as nine of the University campuses (all except San Francisco) on one application and choose a different major or program for each one selected. The online application opens October 1 for the fall term filing period.

Cost

The cost of attending a University of California campus is based on a student’s academic program, place of residence, life-style, and campus location. There are required fees for the nine-month academic year. The educational fee is the same on all campuses, but the University registration fee and campus student fees vary. Please refer to the university’s website for updated information on fees. These fees are subject to change based upon the adopted state of California budget. **Note:** The costs for room and board, books and supplies, transportation and personal expenses are additional factors in the student’s total school budget.

Application Period

To make sure that a student will be considered for admission to the campus of his/her choice and to the major or program of study he/she wants to pursue, the application should be completed online during the appropriate Priority Filing Period shown below. In addition, test scores and other documents must be sent to the admissions office. (Do not send a transcript until requested to do so by the campus.) It is also very important to file during this period if the student plans to apply for financial aid, on-campus housing, or other special programs where early application is important.

All UC Campuses

Fall Quarter:	File November 1 to November 30 of senior year
Winter Quarter:	File July 1 - 31 of senior year
Spring Quarter:	File October 1 - 31 of senior year

Applications can be completed beginning August 1, but cannot be submitted before November 1. Applications must be submitted by the last day for each filing period listed above. Most campuses do not accept applications after this date. **Note:** On some university campuses, certain schools and colleges may not accept applications for admission to the winter or spring terms. Check with the admissions office at the campus the student wants to attend before the filing period.

CALIFORNIA STATE UNIVERSITIES (CSU)

For more information, visit: <http://www.calstate.edu/admission/>

The CSU is the largest, one of the most diverse, and one of the most affordable systems of senior higher education in the United States (23 campuses, 405,000 students). The CSU system offers more than 1,400 Bachelor's and 500 Master's degree programs in over 200 subject areas. The CSU system is designed to provide quality education to Californians through broad liberal education with preparation for specific professional and occupational goals. The CSU system admits the upper one-third of California high school graduates. **Campus Locations:** Bakersfield, California Maritime Academy, Cal Poly-Pomona, Cal Poly-San Luis Obispo, Channel Islands, Chico, Dominguez Hills, Eastbay, Fresno, Fullerton, , Humboldt, Long Beach, Los Angeles, Monterey Bay, Northridge, Sacramento, San Bernardino, San Diego, San Francisco, San Jose, San Marcos, Sonoma, and Stanislaus.

CSU Admission Requirements

A student will qualify for regular admission as a first-time freshman if he/she:

- is a high school graduate,
- has a qualifiable eligibility index (determined using "A-G" GPA and college entrance examinations), and
- has met or will have completed with a grade of "C" or better in the A-G courses which total 15 units (150 credits). (Same as University of California)

NOTE: You may be required to meet higher admission requirements for "impacted" programs or campuses. The CSU designates major programs as impacted when more applications are received in the initial filing period from CSU eligible applicants than can be accommodated by the campuses. All CSU campuses are impacted except Bakersfield, Channel Islands, Dominguez Hills, East Bay, Maritime Academy and Stanislaus.

1. **High School Subject Requirements**

First-time freshmen applicants will need to meet the grade point average/test score requirements (eligibility index) and, in addition, must have completed with grades of "C" or better the A-G requirements (on page 18 of this booklet).

2. **Examination Requirement**

All freshmen applicants with a combined 10th, 11th, and 12th grade academic GPA between 2.00 and 2.99 are required to submit scores from either one of the two national testing programs before eligibility for admission to the University can be determined.

Select from either a or b:

a. SAT Reasoning Test 1

The Critical Reading and Mathematics test scores are added together. Scores from the writing section are not used for admission purposes to the CSU. If an applicant submits multiple score reports, the highest total score earned in each single sub score of the examination is used.

b. ACT Assessment (American College Test)

The sum scores for the English, math, reading, and science scores is the sum score for ACT that is used for admission to the CSU. The CSU does not require the score from the writing test for admission purposes.

3. **Eligibility Index**

The Eligibility Index Table shows the combination of test scores and averages required to meet minimum eligibility requirements. You can calculate your eligibility index by multiplying your grade point average by 800 and adding your total score on the SAT Reasoning Test. Or, if you took the ACT, multiply your grade point average by 200 and add ten times the ACT composite score.

If you apply for admission before you graduate from high school, you should compute your GPA using grades earned in A-G courses completed after the 9th grade. Do not include grades you expect to earn in courses during the remainder of 12th grade.

- As a California high school graduate you need a minimum eligibility index of 2900 using the SAT I or 694 using the ACT.

Note: This index number is subject to change as the New SAT I has three sub scores instead of only two.

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CSU ELIGIBILITY INDEX - CALIFORNIA RESIDENTS

Eligibility Index Table for Residents of California or Graduates of California High Schools								
GPA	ACT Score	SAT Score	GPA	ACT Score	SAT Score	GPA	ACT Score	SAT Score
<i>3.0 and above qualifies for any score</i>								
2.99	10	510	2.66	17	780	2.33	23	1040
2.98	10	520	2.65	17	780	2.32	23	1050
2.97	10	530	2.64	17	790	2.31	24	1060
2.96	11	540	2.63	17	800	2.30	24	1060
2.95	11	540	2.62	17	810	2.29	24	1070
2.94	11	550	2.61	18	820	2.28	24	1080
2.93	11	560	2.60	18	820	2.27	24	1090
2.92	11	570	2.59	18	830	2.26	25	1100
2.91	12	580	2.58	18	840	2.25	25	1100
2.90	12	580	2.57	18	850	2.24	25	1110
2.89	12	590	2.56	19	860	2.23	25	1120
2.88	12	600	2.55	19	860	2.22	25	1130
2.87	12	610	2.54	19	870	2.21	26	1140
2.86	13	620	2.53	19	880	2.20	26	1140
2.85	13	620	2.52	19	890	2.19	26	1150
2.84	13	630	2.51	20	900	2.18	26	1160
2.83	13	640	2.50	20	900	2.17	26	1170
2.82	13	650	2.49	20	910	2.16	27	1180
2.81	14	660	2.48	20	920	2.15	27	1180
2.80	14	660	2.47	20	930	2.14	27	1190
2.79	14	670	2.46	21	940	2.13	27	1200
2.78	14	680	2.45	21	940	2.12	27	1210
2.77	14	690	2.44	21	950	2.11	28	1220
2.76	15	700	2.43	21	960	2.10	28	1220
2.75	15	700	2.42	21	970	2.09	28	1230
2.74	15	710	2.41	22	980	2.08	28	1240
2.73	15	720	2.40	22	980	2.07	28	1250
2.72	15	730	2.39	22	990	2.06	29	1260
2.71	16	740	2.38	22	1000	2.05	29	1260
2.70	16	740	2.37	22	1010	2.04	29	1270
2.69	16	750	2.36	23	1020	2.03	29	1280
2.68	16	760	2.35	23	1020	2.02	29	1290
2.67	16	770	2.34	23	1030	2.01	30	1300
						2.00	30	1300
<i>Below 2.0 does not qualify for regular admission For admissions purposes, the CSU uses only the SAT scores for mathematics and critical reading.</i>								

APPLYING TO CALIFORNIA STATE UNIVERSITY

Students are encouraged to apply as soon as possible between October 1 and November 30 of the preceding school year for fall semester/quarter enrollment. Although some campuses continue to accept applications after the initial filing period, applicants to “impacted” programs or campuses **must** apply during the priority filing period (**October 1 - November 30**). When instructed to do so by the campus, students should request that their transcripts be sent to each campus to which they have applied. Students should apply online at www.californiacolleges.edu.

Cost

The cost of attending a California State University campus is based on a student’s academic program, place of residence, life-style, and campus location. There are required fees for the nine-month academic year. The educational fee is the same on all campuses, but the university registration fee and campus student fees vary. Please refer to the university’s website for updated information on fees. These fees are subject to change based upon the adopted state of California budget. **Note:** The costs for room and board, books and supplies, transportation and personal expenses are additional factors in the student’s total school budget.

PRIVATE/INDEPENDENT COLLEGES AND UNIVERSITIES

For more information, visit: <http://www.aiccu.edu>

Examples in our area include: the University of Southern California, Pepperdine University, Chapman University, Biola University, Azusa Pacific University, and Vanguard University (more than 70 different campuses statewide).

The word “independent” identifies a school which has no direct financial link to the state system of education. Independent means that the schools are largely free of governmental direction as they plan their futures. Each has its own special character and strengths. Some independent colleges and universities provide specialized professional or vocational training to prepare the student for a particular job or occupation. Others may offer a broad background in a variety of disciplines and some are major research universities. Most campuses offer a traditional four-year undergraduate curriculum. Some offer a two-year curriculum, while others offer a unique night and weekend curriculum. The independent colleges and universities in California include over 70 campuses with over 350 majors. Over 233,000 students, over 20% of California’s undergraduates and graduate students, attend independent schools.

Private/Independent School Admission Requirements

For admission to most four-year independent colleges or universities, the student must meet certain subject, scholastic, and testing requirements. Although admission requirements differ somewhat from school to school, the student who meets the requirements for admission to the University of California will be eligible for admission to most independent colleges and universities. Individual college websites should be consulted for more exact information. For this additional help, be sure to see a high school counselor at an early date. To learn more about college choices in the independent sector you can check out their website at www.aiccumentor.org. In order to explore independent colleges outside of California students and parents can search colleges through the College Board website at www.collegeboard.org.

Costs

The cost of tuition and fees for attending a private, independent college or university varies. Approximately 80% of the full-time undergraduate students attending independent colleges received some type of grant assistance. Please refer to the private or independent college or university’s website for updated information on fees. These fees are subject to change based upon the adopted state of California budget.

Curriculum

Major areas of study vary from institution to institution. Some are highly specialized; others offer over one hundred twenty-five major academic areas of study from accounting to zoology. Consult the individual college website and see your counselor.

Application Period

Application filing periods vary from school to school. Generally, applications should be completed by January 1 of the year preceding enrollment for the fall semester or quarter. The student will need to obtain applications and other enrollment information, including application filing deadline, from the campus of choice at a date early in the fall semester of the senior year.

COMMUNITY COLLEGES

For more information, visit <http://cocco.edu>

(Examples: Coastline College, Golden West College, Orange Coast College, Santa Ana College)

Community Colleges should be considered by students not able to be admitted to a 4-year university (UC, CSU, Private School). The Community College provides:

- general education for all students
- a two-year Associate of Arts degree in a wide variety of career programs and academic disciplines
- occupational-technical education for students seeking employment skills training (Certificate of Achievement programs)
- lower division study including Associates Degree leading to transfer to a baccalaureate (four-year) degree institution
- remedial education for students who are not prepared to meet the demands of college level instructional programs (basic learning services)
- education for the disadvantaged
- lifelong education for residents of the community including cultural enrichment opportunities
- programs of retraining through vocational education
- recreational and co-curricular programs and community services

California Community Colleges Admission Requirements

Any high school graduate or the recipient of a Certificate of Proficiency or adults 18 years of age or older may attend the community college. Upon approval of the high school principal, and students may be granted permission to take classes, while enrolled in high school.

Cost

A fee per unit is charged each semester. Fees are subject to change. Please refer to the college website for updated information on fees. These fees are subject to change based upon the adopted state of California budget.

Career Programs

Numerous career programs can be pursued at the community college. Each program offers a Certificate of Achievement which may satisfy employment requirements and be useful in securing a job.

Application Period

The second semester of the senior year is the appropriate application period for most community colleges.

NCAA REQUIREMENTS FOR COLLEGE/UNIVERSITY BOUND FRESHMAN ATHLETES NCAA Division 1 Academic Eligibility Requirements

In order to be eligible to practice or compete in inter-collegiate athletics and to receive an athletic financial aid award as a “qualifier”, the NCAA requires college freshmen to meet the following specific requirements:

1. He/she must graduate from high school and have a 16 course **CORE CURRICULUM** grade point average and a combined score on the SAT verbal and math sections or a combined score from the four individual tests on the ACT based on the index scale below. When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency.

2. The core curriculum of at least 16 specific academic core courses (as opposed to vocational, personal service, remedial, special education, or physical education course) must include:

CORE COURSES	Division I	Division II
English	4 years	3 years
Mathematics: (Algebra I or higher)	3 years	2 years
Natural/Physical Science: (1 year of lab if offered by high school)	2 years	2 years
Additional English, Mathematics, or Natural/Physical science	1 year	3 years
Social Science	2 years	2 years
Additional Academic Electives: (from any area above, foreign language or comparative religion/philosophy)	4 years	4 years

NOTE: Students who are highly motivated athletes and who wish to satisfy NCAA requirements should work closely with their counselors in developing their four-year program.

3. Be sure to look at your high school’s List of NCAA Courses on the NCAA Eligibility Center’s website (www.eligibilitycenter.org).

4. Students must be certified by the NCAA Initial-Eligibility Clearinghouse. See you counselor for a “Student Release Form,” or visit the NCAA website at www.ncaa.org

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NCAA Index Scale

(Effective August 1, 2016)

Core GPA	SAT Verbal and math)	ACT (Sum of scores)	Core GPA	SAT Verbal and math)	ACT (Sum of scores)
3.550 & above	400	37	2.750	720	59
3.525	410	38	2.725	730	59
3.500	420	39	2.700	730	60
3.475	430	40	2.675	740-750	61
3.450	440	41	2.650	760	62
3.425	450	41	2.625	770	63
3.400	460	42	2.600	780	64
3.375	470	42	2.575	790	65
3.350	480	43	2.550	800	66
3.325	490	44	2.525	810	67
3.300	500	44	2.500	820	68
3.275	510	45	2.475	830	69
3.250	520	46	2.450	840-850	70
3.225	530	46	2.425	860	70
3.200	540	47	2.400	860	71
3.175	550	47	2.375	870	72
3.150	560	48	2.350	880	73
3.125	570	49	2.325	890	74
3.100	580	49	2.300	900	75
3.075	590	50	2.299	910	76
3.050	600	50	2.275	910	76
3.025	610	51	2.250	920	77
3.000	620	52	2.225	930	78
2.975	630	52	2.200	940	79
2.950	640	53	2.175	950	80
2.925	650	53	2.150	960	81
2.900	660	54	2.125	970	82
2.875	670	55	2.100	980	83
2.850	680	56	2.075	990	84
2.825	690	56	2.050	1000	85
2.800	700	57	2.025	1010	86
2.775	710	58	2.000	1020	86

GARDEN GROVE UNIFIED SCHOOL DISTRICT
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CALENDAR FOR PARENTS AND COLLEGE BOUND STUDENTS
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S = Student Responsibility P = Parent Involvement Recommended

	ACTIVITY	GRADE LEVEL			
		9	10	11	12
AUGUST	Pick up class schedule. Develop an understanding of <ul style="list-style-type: none"> • Graduation requirements and A-G requirements • College/career/recognition program requirements • Testing (college admission/AP) 	S/P	S/P	S/P	S/P
SEPTEMBER	Join CSF (California Scholarship Federation), if eligible. You must join four semesters to become a seal bearer at commencement and to receive CSF seal on your diploma.		S	S	S
	Obtain an ROTC scholarship application in the Career Center.				S
	Finalize 1 st , 2 nd , and 3 rd choices: college campus/majors				S
	Register online for ACT/SATI/SATII, if needed			S	S
	Participate in extra-curricular activities: some colleges consider evidence of talent and leadership.	S	S	S	S
	Contact your ROP Career Specialist or your counselor to sign up for ROP/CTE course(s).	S	S	S	S
	College application materials are available online				S
OCTOBER	Register for the PSAT. The PSAT is offered only in October. No “makeup” PSAT is available. Freshmen pay a registration fee. Sophomores and Junior registration fees are paid by the district.	S	S	S	
	Ask for necessary letters of recommendation. (private colleges or scholarships)				S
	Begin scholarship search.			S	S
	UC applicants: draft, rewrite, and finalize essays. CSU may begin October 1 to apply on-line				S
	Submit ROTC scholarship application(s)	S/P	S/P	S/P	S/P
	Attend district “College Information Night”	S/P	S/P	S/P	S/P
NOVEMBER	Apply on-line to UC/CSU (by November 30)				S/P
	Military Academy goal? Contact an academy representative to review plans.			S/P	S/P

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DECEMBER	Visit college campus over vacation.	S/P	S/P	S/P	S/P
	Attend Financial Aid Workshop				S/P
JANUARY	Submit on-line FAFSA beginning January 1 as there is limited funding (March 2 deadline)				S/P
FEBRUARY	Check last semester grades and join CSF, if eligible	S	S	S	S
	Register online for ACT/SAT I/SAT II and complete secure report.			S/P	
	Have transcripts sent to requesting colleges/universities.				S
MARCH	Register online for ACT/SAT I/SAT II and complete secure report.			S/P	
	Write to senators/congressmen for academy nomination.			S/P	
APRIL	Register online for SAT II subject exams if related to your major.	S/P	S/P	S/P	S/P
	Review new scholarships online.			S	S
	Attend the national college fair (date/location to be announced)	S/P	S/P	S/P	
MAY/JUNE	Notify your counselor of scholarships/awards received.				S
	Notify registrar to send June transcript to college you will attend.				S
	Take Advanced Placement Exams.	S	S	S	S
	Take ACT and/or SAT admission tests.			S	
SUMMER	Visit college campuses.	S/P	S/P	S/P	
	Obtain ROTC scholarship application at the recruiting office.			S/P	
	Get a head-start – earn degree credit at the community college.		S	S	S
	Save your summer employment earnings for college.		S	S	S

CONTACT YOUR COUNSELOR FOR ADDITIONAL INFORMATION

INTERMEDIATE COURSES



ACADEMIC ELECTIVES

ACADEMY

Year course open to grades 7 and 8

Prerequisites: None

Academy is a year-long intervention class designed for identified at-risk students. Students selected will typically be those performing at or above the basic band of performance on CA standardized tests and having completed grade 6 or 7 with GPAs below 2.0. The class is designed to support students in the successful completion of A-G courses by teaching students requisite self-regulatory skills. The self-regulatory focus includes, but is not limited to the development of literacy, communication, collaboration and non-cognitive skills. A sufficient number of college tutors will be available in the Academy class to facilitate access to rigorous curriculum. The course provides students with strategic and ongoing progress monitoring and coaching due to low and academic performance in the previous school year.

Academy Class 7 (IC0201/2)

Year course open to grades 7

Required or elective: Elective; may be repeated

Academy Class 8 (IC0101/2)

Year course open to grades 8

Required or elective: Elective; may be repeated

AVID

AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society. The basis for instruction is a strong, relevant writing and reading curriculum with an additional focus on inquiry, organization and collaboration. A sufficient number of college tutors will be available in the AVID class to facilitate access to rigorous curriculum. AVID program implementation and student progress are monitored through AVID Data System and Illuminate, and results are analyzed to ensure success. AVID's goal is to prepare students for rigorous high school course work, meeting A-G College requirements.

AVID 7 (IC0071/2)

Year course open to grades 7

Required or elective: Elective; may be repeated

AVID 8 (IC0081/2)

Year course open to grades 8

Required or elective: Elective; may be repeated

AVID Excel (Alamitos, Doig, Fitz, and Irvine; Intermediate Schools only)

AVID Excel is an elective support class for Long-Term English Language Learners enrolled in general education ELA courses. The AVID Excel course will develop LTEL students' academic vocabulary across content areas, academic reading, writing, speaking, research, self-advocacy, and study skills. A sufficient number of college tutors will be available in the AVID Excel class to facilitate access to rigorous curriculum. Students will learn about the A-G course sequence and develop an academic plan that will chart their academic course for college preparation. The students in AVID Excel will join AVID 9 in high school.

AVID Excel 7 (IC0171/2)

Year course open to grades 7

Required or elective: Elective; may be repeated

AVID Excel 8 (IC0181/2)

Year course open to grades 8

Required or elective: Elective; may be repeated

Speech (IC0020)

Semester course open to grades 7 and 8

Required or elective: Elective; may **not** be repeated

Prerequisites: None

This course introduces students to the field of speech by developing skills in-group interaction, individual presentations, public speaking, and oral interpretation. Students enhance their communication skills and build confidence and poise in speaking.

Writing (IC0011/2)

Year course open to grade 7

Required or elective: Elective; may **not** be repeated

Prerequisites: None

Placement is based on objective multiple measures criteria

This year-long course is a single-period class which focuses on the following literacy strands: writing applications, writing strategies, and writing conventions using the state adopted, board approved text. A variety of research-based learning strategies and teaching methodologies will be implemented to meet the needs of all students.

ART

The art curriculum is designed to develop student skills in the areas of visual arts and applied arts. Courses are planned with emphasis on individualized instruction. As a part of course requirements, selected student artwork is used in exhibits and art shows throughout the school year. Aesthetic valuing includes critiques both oral and written. Successful completion of these semester courses satisfies the fine arts requirement.

Introduction to Art (IA0010)

Semester course open to grades 7 and 8

Required or elective: Elective; may **not** be repeated

Prerequisites: None

Introductory course in drawing, painting, and 3-D design. Emphasis is on developing skills including perspective, figure drawing, color theory, color and design theory, and painting techniques. Aesthetic valuing, art history, critical analysis, interpretation, evaluation, and vocabulary are discussed and applied to artwork.

Crafts A (IA0210)

Semester course open to grades 7 and 8

Required or elective: Elective; may **not** be repeated

Prerequisites: Introductory Art

Emphasis is on the development of various types of crafts, including three-dimensional forms, design, and the use of various materials and tools. Aesthetic valuing, history, critical analysis, interpretation, evaluation, and vocabulary are discussed and applied to artwork.

Crafts B (IA0220)

Semester course open to grade 8

Required or elective: Elective; may **not** be repeated

Prerequisites: Introductory Art **and** Crafts A

Skills learned in Crafts A are further developed in this course.

Emphasis is on enhancing concepts of aesthetics, critical analysis and evaluation during critiques both oral and written.

Drawing and Painting A (IA0110)

Semester course open to grades 7 and 8

Required or elective: Elective; may **not** be repeated

Prerequisites: Introductory Art or permission

Students learn to draw and paint using various media and techniques. Skills developed include freehand drawing, perspective, figure drawing, color theory, and painting techniques. Students learn about artists, their contributions, and cultures. Evaluation and aesthetic valuing continue to be emphasized during oral and written critiques.

Drawing and Painting B (IA0120)

Semester course open to grade 8

Required or elective: Elective; may **not** be repeated

Prerequisites: Introductory Art and Drawing and Painting A

Skills learned in Drawing and Painting A are further developed in this course. Emphasis is enhancing aesthetics, critical analysis, and evaluation during critiques both oral and written.

Advanced Art (IA0020)

Semester course open to grades 7 and 8

Required or elective: Elective; may be repeated

Prerequisites: Introductory Art

This course provides study in drawing, painting, lettering, composition, and three-dimensional design. It is designed to further develop artistic skills and the appreciation of art. It prepares prospective art majors for further high school studies. Students continue to build on concepts of aesthetics, evaluation, and interpretation.

Photography (IA0310)

Semester course open to grades 7 and 8

Required or elective: Elective; may **not** be repeated

Prerequisites: None

This introductory course includes the history of photography and provides the student with a variety of experiences in basic photography. Skills learned include, use of the camera, composition and design, printing, and mounting of photographs. Strategies to evaluate, analyze and interpret work will be presented.

BUSINESS TECHNOLOGY

The business education curriculum is designed to develop a student's skill in computer keyboarding. Successful completion of one of these semester courses satisfies the applied arts requirement.

Keyboarding (IB0010)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: None

This course will develop alphanumeric competency in keyboarding using the touch system. The course will emphasize formatting skills required for college and career including correspondence, outlines, tables, and research papers. This course will also introduce students to the basic computer literacy skills that include word processing, database, spreadsheet, Internet/email, desktop publishing, and presentations.

Computer Applications 1 (IB0020)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: Keyboarding

This course will develop the basic computer literacy skills that include word processing, database, spreadsheet, Internet/email, desktop publishing, and presentations. Word processing, spreadsheets, and data base concepts will be emphasized.

Exploring Computer Technology (IB0030)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: Keyboarding

Key elements of this course include using multiple search engines to do Internet research, formatting, email for communication, presentation software, and multimedia presentations.

Computer Essentials 1 (IB2010)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: None

This course emphasizes touch-typing review, Microsoft Word basic application skills, Business Document formatting, and Basic Slide presentation formatting with PowerPoint. This course is intended to be an introductory computer summary course which will teach the students the skills needed to work in other high school classes including skills needed outside of high school in a work based environment or in a College/Technical school environment.

Computer Essentials 2 (IB2020)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: Computer Essentials I/Teacher approval

Computer Essentials 2 emphasizes the use of Spreadsheet Software, Desktop Publishing with Word and Publisher, Advanced Presentation Software, Database Software, and Office Integrated Projects and Activities. This course is intended to be an advanced computer summary course. Is intended to be an advance computer summary course which will teach students the skills needed to work in other high school classes including skills needed outside of high school in a work based environment or in a college/Technical school environment.

CAREER AND TECHNICAL EDUCATION

CTE-STEAM Lab (IT1131/2)

Year course open to grades 7 and 8

Required or elective: Elective

Students will explore a contemporary curriculum of technological content and scientific inquiry through the balanced use of multimedia, online curriculum and assessments, and hands-on, project-based learning activities. Students get rigorous and relevant experiences through activity-, project-, and problem-based learning. They use industry-leading technology to solve problems while gaining skills in communication, collaboration, critical-thinking, and creativity. Course work is experiential and designed to develop knowledge, skills, and interest in science, technology, and digital media arts and promote college and career awareness.

ENGLISH/LANGUAGE ARTS

In grade 7, students are enrolled in two periods of English Language Arts, including a core English Language Arts class and an English Language Arts Companion class. In grade 8, students are enrolled in one period of core English Language Arts and *might* be enrolled in a second period of English Language Arts Companion. Placement is determined by multiple measures including, but not limited to, district benchmarks and the District Writing Assessment.

English Language Arts integrates reading, writing, listening and speaking, and language while using the state-approved, board-adopted textbook, HMH *Collections*. Through a variety of research-based instructional strategies, students read complex texts, both literary and informational, while exploring Essential Questions and

Universal Concepts. Students' critical thinking skills are reinforced using research-based reading, writing, and language strategies. Additionally, students' technological and collaborative skills are fostered through digital and online opportunities. Student needs are met through differentiated instructional strategies and tools.

SEVENTH GRADE COURSES

English/Language Arts 7 Intermediate

Year course open to grade 7

Required or elective: Required of students as a grade level course

The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Teachers strategically differentiate instruction to meet the needs of all students.

Intermediate 7I 1 (IE0011/2) single period may be paired with one of the following:

Intermediate 7I 1E (IE0731/2)

Intermediate 7I 1ER (IE0741/2)

Intermediate 7I 1R (IE0751/2)

English 7I 1A (IE0721/2)

7I 1E: This is a second period of English Language Arts for students who are classified as English Learners (ELs) reading at grade level. The focus of this course is to provide explicit English Language Development instruction to foster oral and written academic language fluency, grounded in text. Instructional practices with which students engage to support language acquisition are Systematic ELD and Learning to Write experiences, including multiple opportunities for informal and formal writing. Students are provided multiple opportunities to speak and write, with timely and explicit academic language and conventions feedback.

7I 1ER: This is a second period of English Language Arts for students who are classified as English Learners (ELs) reading below grade level. The focus of this course is to develop reading comprehension skills and provide explicit English Language Development instruction to foster oral and written academic language fluency, grounded in text. Students develop and practice reading comprehension skills, including predicting, making inferences, questioning, summarizing, and making generalizations. Instructional practices, with which students engage to support reading fluency and comprehension, as well as language acquisition, are Systematic ELD, Writing to Learn, and multiple opportunities for reading, speaking, and formal/informal writing with timely and explicit academic language and conventions feedback.

7I 1R: This is a second period of English Language Arts for students who are not classified as English Learners and who are reading below grade level. The focus of this course is to develop reading fluency, as well as comprehension skills, including predicting, making inferences, questioning, summarizing, and making generalizations. Instructional practices with which students engage to support reading fluency and comprehension are Constructing Meaning, Writing to Learn, and multiple opportunities for reading, speaking, and formal/informal writing with timely and explicit academic language and conventions feedback.

7I 1A: The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using a variety of complex texts. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of

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both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Students engage in advanced critical analysis in order to generate sophisticated interpretation of text. Teachers strategically differentiate instruction to meet the needs of all students.

English/Language Arts 7 Advanced 1 (IE0311/2)

Year course open to grade 7

(District-established, objective multiple-measure criteria will be used to determine student placement)

The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Students engage in advanced critical analysis in order to generate sophisticated interpretation of text. Teachers strategically differentiate instruction to meet the needs of all students.

Reading (IE1001/2) Reading 1 (IE1011/2) Reading 2 (IE1021/2) Reading 3 (IE1031/2) Reading 4 (IE1041/2)

Year course open to grade 7 and 8

Required or elective: Required of students who meet the following prerequisites/placement criteria

Prerequisites: 6th grade overall reading score on report card / 6th grade overall writing score on report card

This is a two-period block, year-long course in which the Inside Reading program is faithfully implemented. Placement will be based on district benchmarks, reading test, and Comprehensive Language Assessment (CLA) data.

EIGHTH GRADE COURSES

English/Language Arts 8 Intermediate 1 (IE0411/2)

Year course open to grade 8

The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Teachers strategically differentiate instruction to meet the needs of all students.

Intermediate 8I 1E (IE0831/2) second period

Intermediate 8I 1ER (IE0841/2) second period

Intermediate 8I 1R (IE0851/2) second period

8I 1E: This is a second period of English Language Arts for students who are classified as English Learners (ELs) reading at grade level. The focus of this course is to provide explicit English Language Development instruction to foster oral and written academic language fluency, grounded in text. Instructional practices with which students engage to support language acquisition are Systematic ELD and Learning to Write experiences, including multiple opportunities for informal and formal writing. Students are provided multiple opportunities to speak and write, with timely and explicit academic language and conventions feedback.

8I ER: This is a second period of English Language Arts for students who are classified as English Learners (ELs) reading below grade level. The focus of this course is to develop reading comprehension skills and provide explicit English Language Development instruction to foster oral and written academic language fluency, grounded in text. Students develop and practice reading comprehension skills, including predicting, making inferences, questioning, summarizing, and making generalizations. Instructional practices, with which students engage to support reading fluency and comprehension, as well as language acquisition, are Systematic ELD, Writing to Learn, and multiple opportunities for reading, speaking, and formal/informal writing with timely and explicit academic language and conventions feedback.

8I 1R: This is a second period of English Language Arts for students who are not classified as English Learners and who are reading below grade level. The focus of this course is to develop reading fluency, as well as comprehension skills, including predicting, making inferences, questioning, summarizing, and making generalizations. Instructional practices with which students engage to support reading fluency and comprehension, are Constructing Meaning, Writing to Learn, and multiple opportunities for reading, speaking, and formal/informal writing with timely and explicit academic language and conventions feedback.

English/Language Arts 8 Advanced 1 (IE0611/2)

Year course open to grade 8

(District-established, objective multiple-measure criteria will be used to determine student placement)

The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Students engage in advanced critical analysis in order to generate sophisticated interpretation of text. Teachers strategically differentiate instruction to meet the needs of all students.

Reading (IE1001/2) Reading 1 (IE1011/2) Reading 2 (IE1021/2) Reading 3 (IE1031/2) Reading 4 (IE1041/2)

Year course open to grade 7 and 8

Required or elective: Required of students who meet the following prerequisites/placement criteria

Prerequisites: 6th grade overall reading score on report card / 6th grade overall writing score on report card

This is a two-period block, year-long course in which the Inside Reading program is faithfully implemented. Placement will be based on district benchmarks, reading test, and/or Comprehensive Language Assessment (CLA) data.

7-8 ENGLISH ELECTIVE COURSES

DRAMA:

Drama A (IE0910)

Semester course open to grades 7 and 8

Required or elective: Elective; may **not** be repeated

Prerequisites: None

This course introduces students to the field of drama by providing experiences in acting, interpretive reading, and development of voice articulation and speech skills. Students have the opportunity to participate in short plays and to become involved in play production.

Drama B (IE0920)

Semester course open to grades 7 and 8

Required or elective: Elective; may be repeated

Prerequisites: Drama A

This course expands on the skills learned in Drama A. Topics studied include theater terminology, the structure

of plays, types of plays, characterization, stage design, lighting, sets, and makeup. Students gain experience in individual character portrayal and in play production.

JOURNALISM:

Journalism A (IE0930)

Semester course open to grades 7 and 8

Required or elective: Elective; may **not** be repeated

Prerequisites: English teacher recommendation; grade of "C" or better in English

This course introduces students to the field of journalism by developing journalistic techniques and writing styles. Students learn to obtain facts, evaluate them carefully, and report them accurately.

Journalism B (IE0940)

Semester course open to grades 7 and 8

Required or elective: Elective; may be repeated

Prerequisites: Journalism A; English teacher recommendation; grade of "C" or better in English

The school newspaper and yearbook are written, published, and distributed in this course. Attention is given to staff organization and duties, newspaper terminology, journalistic styles, conducting interviews, preparing news articles, and writing editorials.

ENGLISH LANGUAGE DEVELOPMENT **(ELD)**

Students identified as English Learners on the home language survey will be placed in the appropriate ELD classes based on their CELDT score and years of residence in the U.S.A. English Learners have equitable access to a broad range of high quality, standards-aligned instructional resources. There is a well-articulated curriculum designed to be rigorous, meaningful, interesting, and rich. Teachers in ELD classes model research-based instructional strategies which enhance student learning. The goal for English learners is to achieve and sustain high levels of academic, linguistic, and multicultural competency. All courses are aligned with the California State Standards for English Language Development.

ELD Basics (ID0011/2) (2 period block)

Year course open to grades 7 and 8

Required or elective: Required of students meeting placement criteria

This two-period ELD language arts course is designed as an intensive introduction to English. Emphasis is placed on the acquisition of basic communication skills and vocabulary development. Students acquire these skills through the use of materials and instructional strategies that incorporate listening, speaking, reading, and writing.

Basics Content Vocabulary (ID0021/2) (1 period)

Year course open to grades 7 and 8

Required or elective: Required of students enrolled in ELD Basics

Content/Vocabulary is a beginning content area (mathematics) course for students who have been identified as English Language Learners. Emphasis is placed on selected newcomer ELD standards through the study of key mathematical concepts.

ELD A (ID0111/2) (2 period block)

Year course open to grades 7 and 8

Required or elective: Required of students meeting placement criteria

This two-period ELD language arts course is designed for those students who do not speak English as a native language and require intensive instruction in English. Emphasis is placed on the acquisition of English through the use of materials and instructional strategies that incorporate listening, speaking, reading, and writing.

Level A Content Vocabulary (ID0521/2) (1 period)

Year course open to grades 7 and 8

Required or elective: Required of students enrolled in ELD A

Content/Vocabulary is a beginning content area (history/social science and science) course for students who have been identified as English Language Learners. Emphasis is placed on selected beginning and early intermediate ELD standards through a more advanced study of history and science vocabulary and key concepts.

ELD B (ID0211/2) (2 period block)

Year course open to grades 7 and 8

Required or elective: Required of students meeting placement criteria

This two-period ELD course is designed to continue English language development. Students continue to develop listening and speaking skills and expand their reading and writing skills.

HISTORY/SOCIAL SCIENCE

All seventh grade students will be enrolled in one semester of World History 7. All eighth grade students will be enrolled in one year of United States History 8. Both courses are aligned with the History/Social Science Content Standards.

World History 7 (IH0010)

Semester course open to grade 7

Required or elective: Required for all seventh grade students

Prerequisites: None

This course extends the student's understanding of history and geography with a major focus on social, cultural, and technological change during the period A.D. 500 to 1789. Topics will include the fall of Rome, growth of Islam, Middle-Ages in Africa, China, Japan, and Europe, early civilizations of the Americas, European Renaissance, Reformation, Exploration, and Enlightenment. The importance of geography receives emphasis in all units of world history instruction.

World History 7 PreAP (IH0040)

Semester course open to grade 7

Required or elective: Required for all seventh grade students

Prerequisites: None

This course extends the student's understanding of history and geography with a major focus on social, cultural, and technological change during the period A.D. 500 to 1789. Topics will include the fall of Rome, growth of Islam, Middle-Ages in Africa, China, Japan, and Europe, early civilizations of the Americas, European Renaissance, Reformation, Exploration, and Enlightenment. The importance of geography receives emphasis in all units of world history instruction. The course provides an intellectually rigorous environment for students who desire or require academic extension to express and challenge their thinking. The scope and sequence ensures critical thinking, high-level questioning and intellectual investigation threaded throughout multiple modes of instruction and discussion.

United States History 8 (IH0111/2)

Year course open to grade 8

Required or elective: Required for all eighth grade students

Prerequisites: None

This course extends the student's knowledge of American heritage, institutions, geography, and culture, beginning with a review of exploration and colonization, American independence, the development of the Constitution, and the structure of the federal government. The primary focus of study will be the nineteenth century. Major topics will include nationalism, manifest destiny, westward movement, Native American cultures, sectionalism, Civil War and Reconstruction, and industrialization. Linking past to present, the student sees that American democracy expands through increased civil rights and greater citizen participation.

United States History 8 PreAP (IH0921/2)

Year course open to grade 8

Required or elective: Required for all eighth grade students

Prerequisites: None

This course extends the student's knowledge of American heritage, institutions, geography, and culture, beginning with a review of exploration and colonization, American independence, the development of the Constitution, and the structure of the federal government. The primary focus of study will be the nineteenth century. Major topics will include nationalism, manifest destiny, westward movement, Native American cultures, sectionalism, Civil War and Reconstruction, and industrialization. Linking past to present, the student sees that American democracy expands through increased civil rights and greater citizen participation. The course provides an intellectually rigorous environment for students who desire or require academic extension to express and challenge their thinking. The scope and sequence ensures critical thinking, high-level questioning and intellectual investigation threaded throughout multiple modes of instruction and discussion.

MATHEMATICS

All students are enrolled in one year of Mathematics in grade seven and one year in grade eight. Placement is determined by the District Placement Matrix.

Math 7 (IM0031/2)

Year course open to grade 7

Required or elective: Required

Prerequisites: Placement will be determined by District Placement Matrix

This course will focus on four critical areas:

- Understanding of and applying proportional relationships.
- Operations with rational numbers and working with expressions and linear equations.
- Solving problems involving scale drawings and informal geometric constructions and working with two and three dimensional shapes.
- Drawing inferences about populations based on samples.

Math 7 Companion (IM0041/2)

Year course open to grade 7

Required or elective: Elective for students who meet the prerequisite/placement criteria

Prerequisites: Placement will be determined by District Placement Matrix

This course will offer support to students currently enrolled in Math 7 by following the cluster level emphases as outlined in the Mathematics Framework. This course will include hands-on, instructional approaches and reinforce prerequisite skills and concepts. The major goal of this course is to assist students in developing skills necessary to meet the 7th grade Mathematics content standards.

Math 8 (IM0131/2)

Year course open to grades 7 and 8

Required or elective: Required

Prerequisites: Placement will be determined by District Placement Matrix

This course will focus on three critical areas:

- Formulating and reasoning about expressions and equations and solving linear equations.
- Grasping the concept of a function and using functions to describe quantitative relationships
- Analyzing figures using distance, angle, similarity and congruence and understanding and applying the Pythagorean Theorem.

Students also work towards fluency with solving simple sets of two equations with two unknowns by inspection.

Math 8 Companion (IM0141/2)

Year course open to grade 8

Required or elective: Elective for students who meet the prerequisite/placement criteria

Prerequisites: Placement will be determined by District Placement Matrix

This course will offer support to students currently enrolled in Math 8 by following the cluster level emphases as outlined in the Mathematics Framework. This course will include hands-on, instructional approaches and reinforcing prerequisite skills and concepts. The major goal of this course is to assist students in developing skills necessary to meet the 8th grade Mathematics content standards.

Algebra 1 (P) (IM0111/2)

UC/CSU: c

Year course open to grades 7 and 8

Required or elective: Required

Prerequisites: Placement will be determined by District Placement Matrix.

This course focuses on:

- Reasoning about structure to define and make sense of rational exponents and explore the algebraic structure of the rational and real number systems.
- Solving absolute value equations, linear inequalities and systems of linear equations
- Building functions in a modeling context and solve problems related to the resulting functions with a focus on linear, simple exponential and quadratic equations.
- Using more formal means of assessing how a model fits data (regression, graphical representations).

The major goal of this course is to assist students in developing skills necessary to meet the Algebra content standards. Successful completion of Algebra 1 will satisfy the state mandated Algebra high school graduation requirement.

Algebra 1 Companion Class (IM0121/2)

Year course open to grade 8

Required or elective: Elective for students who meet the prerequisite/placement criteria.

Prerequisites: Placement will be determined by District Placement Matrix.

This course will offer support to students concurrently enrolled in Algebra 1P. This course will have an Algebra Review/Preview format.

Geometry (IM0311/2)

UC/CSU: c

Year course open to grade 8

Required or elective: Required

Prerequisites: Successful completion of Algebra 1P. Placement will be determined by District Placement Matrix and confirmation

This course will introduce students to formal geometric proofs and the study of plane figures, culminating in the study of right triangle trigonometry and circles. Students explore probability concepts and use probability in real world situations.

MUSIC

All students, beginners, as well as advanced, are encouraged to enroll in classes in instrumental and choral music. As students work together for a performance goal, they become more self-disciplined, creative, appreciative, and responsible. An active choral and instrumental school program provides an environment where the intellect is challenged and creativity is explored. All groups will have the opportunity to perform at various school and community functions. Successful completion of one of these year courses satisfies the fine arts requirement.

CHORAL PROGRAM

Tenor Chorus (IU1051/2)

Year course open to grades 7 and 8; semester entry permitted with permission of instructor

Required or elective: Elective; may be repeated

Prerequisites: None

This course is designed for the beginning vocalist. Students learn correct vocal production with consideration for the changing voice. Note reading, some music theory, and part-singing are emphasized. The group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Treble Chorus 1 (IU1101/2)

Year course open to grades 7 and 8; semester entry permitted with permission of instructor

Required or elective: Elective; may be repeated

Prerequisites: None

This course is designed for the beginning vocalist. Vocal techniques, basic music theory, and note reading are emphasized. The group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Treble Chorus 2 (IU1151/2)

Year course open to grades 7 and 8; semester entry permitted with permission of instructor

Required or elective: Elective; may be repeated

Prerequisites: Successful audition by instructor

This course is designed for the advanced vocalist. Music theory, part-singing, various choral techniques, balance, and blend are emphasized. The group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Beginning Mixed Chorus (IU1201/2)

Year course open to grades 7 and 8; semester entry permitted with permission of instructor

Required or elective: Elective; may be repeated

Prerequisites: None

This course is designed for mixed voices (high and low). Vocal technique and fundamentals of music are emphasized. Beginning level choral literature is presented. This group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Advanced Mixed Chorus (IU1251/2)

Year course open to grades 7 and 8; semester entry permitted with permission of instructor

Required or elective: Elective; may be repeated

Prerequisites: Successful audition by instructor

This course is designed for the advanced vocalist. Music theory, part-singing, various choral techniques, balance, and blend are emphasized. The group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Vocal Ensemble (IU1301/2)

Year course open to grades 7 and 8; semester entry permitted with permission of instructor

Required or elective: Elective; may be repeated

Prerequisites: Successful audition by instructor

This advanced choir is designed for the outstanding vocalist. The emphasis of this course is a cappella (without accompaniment) singing. Proper vocal production, sight-singing, music theory, and choral style are stressed. This group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

INSTRUMENTAL PROGRAM

Beginning Band (IU2051/2)

Year course open to grades 7 and 8; semester entry permitted with permission of instructor

Required or elective: Elective; may be repeated

Prerequisites: None

This is an introductory course in how to play a band instrument. It is designed for students who have had little or no formal music instruction. Lessons are offered on flute, oboe, clarinet, bassoon, saxophone, trumpet, French horn, trombone, baritone, tuba, and percussion. Correct playing position, characteristic tone quality, basic note reading, rhythmic value, appropriate vocabulary, and instrument care are stressed. This group performs at school concerts. Performance participation is required.

Intermediate Band (IU2101/2)

Year course open to grades 7 and 8; semester entry permitted with permission

Required or elective: Elective; may be repeated

Prerequisites: Successful audition by instructor

This course builds upon the skills learned in Beginning Band. Emphasis is placed on playing technique, music reading, appropriate music literature, tone production, rhythmic values, and necessary vocabulary. The group performs at school concerts. Performance participation is required.

Concert Band (IU2151/2)

Year course open to grades 7 and 8; semester entry permitted with permission of the instructor

Required or elective: Elective; may be repeated

Prerequisites: Successful audition by instructor

This course is designed for the advanced band student who wishes to continue musical growth with a focus on ensemble performance. The instrumentalist continues to build principles of musicianship, harmonic and rhythmic fundamentals, appropriate vocabulary, and ensemble skills through appropriate music literature. This group performs at district music festivals, school and community concerts, and other approved. Performance participation is required.

Beginning Guitar (IU2401/2) (Bell and Jordan Intermediate School)

Year course open to grades 7 and 8; Semester entry permitted with permission of the instructor

Required or elective: Elective; may be repeated

Prerequisites: None

This is an introductory course in playing the guitar. Students learn simple rhythms, melodies, chords, strums, and note reading.

Beginning Instruments (IU2451/2)

Year course open to grades 7 and 8; semester entry permitted with permission of instructor

Required or elective: Elective; may be repeated

Prerequisites: None

This is an introductory course in how to play an instrument. It is designed for students who have had little or no formal music instruction. Lessons are offered on a wide variety of instruments.

Beginning Strings (IU2501/2)

Year course open to grades 7 and 8; semester entry permitted with permission of the instructor

Required or elective: Elective; may be repeated

Prerequisites: None

This is an introductory course for students who have had little or no former training on violin, viola, cello, or string bass. Emphasis is placed on correct playing position, note reading, care of instrument, tone production, pitch, rhythmic values, and music vocabulary.

Intermediate Strings (IU2551/2)

Year course open to grades 7 and 8; semester entry permitted with permission of the instructor

Required or elective: Elective; may be repeated

Prerequisites: None

This course is designed for the intermediate string student who wishes to continue to develop as a string player with a focus on ensemble performance. Emphasis is placed on note reading, music theory, ensemble skills, and intonation. The ensemble performs at district festivals, school and community concerts, and other approved venues. Performance participation is required.

Advanced Strings (IU2601/2)

Year course open to grades 7 and 8; semester entry permitted with permission of the instructor

Required or elective: Elective; may be repeated

Prerequisites: Successful audition by instructor

This course is designed for the advanced string student who wishes to continue music growth with a focus on the ensemble performance. Emphasis is placed on tone production, rhythmic values, bow technique, intonation, blend and balance, and music theory. Concepts of shifting and vibrato will be introduced. Standard orchestra literature is performed. This ensemble performs at district festivals, school and community concerts, and other approved performances. Performance participation is required.

PHYSICAL EDUCATION

Physical Education courses in the intermediate school are designed to develop a physically educated person who has mastered the necessary movements to participate confidently in many different forms of physical activities, values physical fitness, and who understands that both are closely related to health and well-being. It also includes the Life Skills program.

Physical Education 7 (IP0071/2)

Year course open to grade 7

Required or elective: Required

Prerequisites: None

This course introduces the policies and procedures in the physical education program and helps students make a successful transition from elementary to intermediate school physical education. Students develop proficiency in movement skills and an understanding of the fundamentals of movement and the principles of physical fitness. The seventh grade student meets challenges and makes decisions both individually and in groups primarily through individual and dual sports and physical activities. Students will also participate in state-mandated California Physical Fitness testing in physical fitness areas.

Physical Education 8 (IP0081/2)

Year course open to grade 8

Required or elective: Required

Prerequisites: None

This course leads to enhanced movement skills, movement knowledge, and personal and social development. Students develop and improve their levels of fitness by participating in moderate to vigorous physical activity. The eighth grade student works as a team member to solve problems. The emphasis in eighth grade physical education is more toward team sports and offensive and defensive strategies.

SCIENCE

Students are required to take one semester of Life Science in grade seven, which includes the Family Life unit and one year of Physical Science in grade eight which includes the Life Skills program, an HIV/AIDS unit, and substance abuse unit.

Life Science 7 (IS0010)

Semester course open to grade 7

Required or elective: Required

Prerequisites: None

This survey course focuses on teaching scientific knowledge and process skills through investigation and experimentation. Focus topics include cellular biology, genetics, and evolution.

Life Science 7 PreAP (IS0040)

Semester course open to grade 7

Required or elective: Required

Prerequisites: None

This course focuses on teaching scientific knowledge and process skills through investigation and experimentation. Focus topics include cellular biology, genetics, and evolution. The course provides an intellectually rigorous environment for students who desire or require academic extension to express and challenge their thinking. The scope and sequence ensures critical thinking, high-level questioning and intellectual investigation threaded throughout multiple modes of instruction and discussion.

Physical Science 8 (IS0111/2)

Year course open to grade 8

Required or elective: Required

Prerequisites: None

This survey course focuses on teaching scientific knowledge and process skills through investigation and experimentation. Focus topics include basic principles of chemistry, physics, and astronomy.

Physical Science 8 PreAP (IS0921/2)

Year course open to grade 8

Required or elective: Required

Prerequisites: None

This course focuses on teaching scientific knowledge and process skills through investigation and experimentation. Focus topics include basic principles of chemistry, physics, and astronomy. The course provides an intellectually rigorous environment for students who desire or require academic extension to express and challenge their thinking. The scope and sequence ensures critical thinking, high-level questioning and intellectual investigation threaded throughout multiple modes of instruction and discussion.

Discovery Science (IS1010)

Semester course open to grades 7 or 8

Required or elective: Elective

Prerequisites: None

The objectives of this class are to pique interest of investigative science with a more specific goal of promoting awareness of environmental issues through real world investigations. This class will provide students with the knowledge and skills needed to analyze, investigate, and offer solutions focusing on environmental problems.

WORLD LANGUAGES

Heritage Spanish 1 P (IW1521/2) (Alamitos, Doig, Fitz, Lake, Ralston, Walton)

Yearlong course open to grade 8

Required or elective: Elective

Prerequisites: None

This course is designed to meet the language needs of heritage Spanish speakers. Students who have oral Spanish skills will continue oral language development and will develop reading and writing skills. Appropriate usage in practical situations, literature, cultural information, and grammatical issues are presented. Students will be placed in Heritage Spanish 1 based on an assessment of Spanish skills and the needs of the student.

Spanish 1 P (IW1421/2) (Bell)

Yearlong course open to grade 8

Required or elective: Elective

Prerequisites: None

The first level of a modern world language develops basic skills in listening, speaking, reading and writing in the target language. A study of the culture(s) is incorporated into the course.

Vietnamese 1 P (IW1711/2) (Irvine, Jordan, McGarvin, Walton)

Yearlong course open to grade 8

Required or elective: Elective

Prerequisites: None

The first level of a modern world language develops basic skills in listening, speaking, reading and writing in the target language. A study of the culture(s) is incorporated into the course.

NON-DEPARTMENTAL COURSES

Digital Tech Literacy (IN1130)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: Permission

The purpose of Digital Technology Literacy is to provide an integrated and introductory course focusing on the core knowledge, competencies and skills necessary to succeed in a technological society. The standards-based curriculum focuses on the development and application of technology, including creating computer generated documents, multi-media presentations (e.g. PowerPoint, podcast, Garage Band, iPhoto, iMovie etc.), and safe and ethical practices in technology. The course incorporates and applies cross-curricular literacy and performance skills such as reading comprehension, writing, collaboration and oral presentations.

Library Practice (IN1140)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: Permission

The purpose of this course is to offer students an opportunity for a library work experience. Students develop such work habits as accuracy, promptness, and courtesy. Emphasis is placed on becoming familiar with books and library tools, shelving books and magazines, alphabetizing and filing, mending books, processing new books, and charging desk procedures.

Office Practice (IN1150)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: Permission

The purpose of this course is to help students learn proper business etiquette and fundamental office procedures. Attention is given to filing procedures, answering the telephone, and the responsibilities of a receptionist.

Student Government (IN1070)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: None (Limited to officers and student council representatives)

This course helps students develop skills in leadership, student government, parliamentary procedure, constitution writing, finances, job training, and using school resources.

Student Tutor (IN1160)

Semester course open to grades 7 and 8

Required or elective: Elective

Prerequisites: Approval by site administrator

Under the supervision of a classroom teacher, the student helps other students who are younger or less skilled. Emphasis is placed on promptness, courtesy, the ability to accept and follow directions, and a willingness to help others.

Study Skills (IN2170/1/2)

Semester course open to grades 7 and 8

Required or elective: Elective

This course promotes study habits and skills to be successful in all content areas. The primary focus of the class is to familiarize students with learning tools and strategies to ensure success in core academic and elective classes.

Young Living (IN1980)

Semester course open to grades 7 and 8

Required or elective: Elective; may not be repeated

Prerequisites: None

This exploratory course provides students with the opportunity to investigate topics in consumer education and money management, careers, personal development and care, self-concept, personal relationships, child care, and foods including nutrition, safety, and preparation.

SPECIAL EDUCATION

ELIGIBILITY FOR SPECIAL EDUCATION SERVICES:

A student shall be eligible for special education services when he/she has one or more area(s) of significant deficit or need, which adversely affects his/her performance in general education classes. The disability(ies) may be categorized as intellectual disability, speech and language impairment, orthopedic impairment, specific learning disability, autism, hard of hearing, visual impairment, other health impairment, deaf-blindness, traumatic brain injury, deafness, emotional disturbance, or multiple disability. A student's disability can be considered mild/moderate or moderate/severe. After a multidisciplinary assessment, an Individualized Education Program (IEP) Team determines if a student is eligible for services in the least restrictive environment. These settings include:

RESOURCE SPECIALIST PROGRAM (RSP):

This program is designed to supplement the regular program to meet the needs of eligible students who require instructional support through special education. The student typically attends general education classes for the majority of the instructional day.

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SPECIAL DAY CLASSES (SDC: MM, MS, ED):

These programs are provided for students who typically require greater support throughout their instructional day in special education. This placement occurs only after an IEP team has determined that the student's needs are such that educational benefit cannot be achieved in general classes (with the use of supplementary aids and services) or with Resource Specialist Program (RSP) support. Types of Special Day Classes offered in the district include those for students with mild to moderate (MM), moderate to severe (MS) disabilities, and emotional disturbance (ED).

SPECIAL CENTERS:

Special centers are available for students whose educational/social/medical needs cannot be met on general campus sites.

The entire provision for special education services is documented in the Individualized Education Program (IEP).

DESIGNATED INSTRUCTION AND SERVICES (DIS):

Specialized services are provided to any student in general or special education classes when an IEP team determines this educational need and are available to qualified students.

Some of the DIS services available are:

Adapted Physical Education	Home/Hospital Instruction
Audiological Services	Orientation and Mobility Instruction
Occupational Therapy	Psychological Services
Counseling	Speech and Language Services
Health and Nursing Services	Vision Services
Physical Therapy	Educationally Related Mental Health Services

COURSE OF STUDY:

Students receiving special education services may take a combination of general education course offerings and special education courses to meet the required six-period schedule. All special education courses are based on the state standards and are designed to meet the individual needs of students through Specialized Academic Instruction.

The following courses meet the corresponding requirements that are necessary for successful completion of the intermediate school program:

ENGLISH/LANGUAGE ARTS**English/Language Arts SE**

The English Language Arts SE program utilizes a state-adopted, board-approved intervention program. This program is designed to help students begin to close the gap between intensive students and their peers who are at grade level. Each level of the program provides a variety of leveled accessible texts supporting students from the early stages of reading and oral language production by building phonemic awareness to more complex levels of decoding, reading comprehension, and writing.

Year course open to grades 7 and 8 (two-period block)

Required or elective: Required

Prerequisite: Identified as an individual with exceptional needs and has qualified for the reading intervention placement exam.

(IY1011/2) English/Language Arts 1 SE

(IY1021/2) English/Language Arts 2 SE

(IY1031/2) English/Language Arts 3 SE

(IY1041/2) English/Language Arts 4 SE

Special Education

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Functional Language Arts SE (IY9111/2)

Year course open to grade 7 and 8

Prerequisite: Identified as an individual with moderate-severe exceptional needs

ELECTIVES

Resource Center SE

Resource Center is an elective support class designed to accompany RSP or MM Students enrolled in General Education A-G courses. The class supports students in the successful completion of rigorous A-G courses by teaching students the self-regulatory skills necessary to navigate general education courses successfully in order to enhance opportunities in selecting post-secondary educational options. The course also provides students with appropriate monitoring and support per each student's IEP.

Students will participate two days a week in activities that support their success in the general education setting (note taking strategies, interacting with text, time management, collaborative group work), two days a week in tutorials, and one day a week on goal setting, skill streaming, and possible selves.

Resource Center SE (IY8201/2)

Year course open to grades 7 and 8

Required or elective: Elective upon placement

Prerequisite: Placement by an IEP Team

Resource Center Visual Impairment (IY8301/2)

Semester course open to grades 7 and 8

Required or elective: Elective upon placement

Prerequisite: Identified as an individual with exceptional needs

Functional Life Skills SE (IY9611/2)

Semester course open to grade 7 and 8

Prerequisite: Identified as an individual with moderate-severe exceptional needs

Functional Career/Vocational Education SE (IY9711/2)

Semester course open to grade 7 and 8

Prerequisite: Identified as an individual with moderate-severe exceptional needs

Functional Community-Based Instruction SE (IY9811/2)

Semester course open to grade 7 and 8

Prerequisite: Identified as an individual with moderate-severe exceptional needs

HISTORY-SOCIAL SCIENCE

United States History 8 SE (IY3801/2)

Year course open to grade 8

Required or elective: Required

Prerequisite: Identified as an individual with mild to moderate exceptional needs

World History 7 SE (IY3700)

Semester course open to grade 7

Required or elective: Required

Prerequisite: Identified as an individual with mild to moderate exceptional needs

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Functional Social Science SE (IY9311/2)

Semester course open to grade 7 and 8

Prerequisite: Identified as an individual with moderate-severe exceptional needs

MATHEMATICS**Math 7 SE (IY2311/2)**

Year course open to grades 7 (SE students only)

Required or elective: Required

Prerequisite: Identified as an individual with mild to moderate exceptional needs

Math 8 SE (IY2321/2)

Year course open to grade 8 (SE students only)

Required or elective: Required

Prerequisite: Identified as an individual with mild to moderate exceptional needs

Functional Math SE (IY9211/2)

Year course open to grade 7 and 8

Prerequisite: Identified as an individual with moderate-severe exceptional needs

PHYSICAL EDUCATION**Adapted Physical Education SE (IY8101/2)**

Year course open to grades 7 and 8

Required or elective: Required upon placement

Prerequisite: Placement by an IEP Team

SCIENCE**Life Science SE (IY4700)**

Semester course open to grade 7

Required or elective: Required

Prerequisite: Identified as an individual with mild to moderate exceptional needs

Physical Science SE (IY4801/2)

Year course open to grade 8

Required or elective: Required

Prerequisite: Identified as an individual with mild to moderate exceptional needs

Functional Science SE (IY9411/2)

Semester course open to grade 7 and 8

Prerequisite: Identified as an individual with mild to moderate exceptional needs

INTERMEDIATE LISTING

BY DEPARTMENT

ACADEMIC ELECTIVES

IC0201/2 Academy Class 7
IC0101/2 Academy Class 8
IC0071/2 AVID 7
IC0081/2 AVID 8
IC0171/2 AVID Excel 7
IC0181/2 AVID Excel 8
IC0020 Speech
IC0011/2 Writing

ART

IA0020 Advanced Art
IA0210 Crafts A
IA0220 Crafts B
IA0110 Drawing and Painting A
IA0120 Drawing and Painting B
IA0010 Introduction to Art
IA0310 Photography

BUSINESS TECHNOLOGY

IB0020 Computer Applications 1
IB2010 Computer Essentials 1
IB2020 Computer Essentials 2
IB0030 Exploring Computer Technology
IB0010 Keyboarding

CAREER AND TECHNICAL EDUCATION

IT1131/2 CTE-STEAM Lab

ENGLISH/LANGUAGE ARTS

IE0910 Drama A
IE0920 Drama B
IE0011/2 English/Language Arts 7 Intermediate 1
IE0721/2 English 7I 1A
IE0731/2 English 7I 1E
IE0741/2 English 7I 1ER
IE0751/2 English 7I 1R
IE0311/2 English/Language Arts 7 Advanced 1
IE0411/2 English/Language Arts 8 Intermediate 1
IE0831/2 English 8I 1E
IE0841/2 English 8I 1ER
IE0851/2 English 8I 1R
IE0611/2 English/ Language Arts 8 Advanced 1
IE0930 Journalism A
IE0940 Journalism B
IE1001/2 Reading

IE1011/2 Reading 1
IE1021/2 Reading 2
IE1031/2 Reading 3
IE1041/2 Reading 4

ENGLISH/LANGUAGE DEVELOPMENT

ID0021/2 Basics Content Vocabulary
ID0011/2 ELD Basics
ID0111/2 ELD A
ID0211/2 ELD B
ID0521/2 Level A Content Vocabulary

HISTORY/SOCIAL SCIENCE

IH0111/2 United States History 8
IH0921/2 United States History 8 PreAP
IH0010 World History 7
IH0040 World History 7 PreAP

MATHEMATICS

IM0031/2 Math 7
IM0111/2 Algebra 1 (P)
IM0131/2 Math 8
IM0121/2 Algebra 1 Companion Class
IM0311/2 Geometry (P)
IM0041/2 Math 7 Companion
IM0141/2 Math 8 Companion

MUSIC

IU1251/2 Advanced Mixed Chorus
IU2601/2 Advanced Strings
IU2051/2 Beginning Band
IU2401/2 Beginning Guitar
IU2451/2 Beginning Instruments
IU1201/2 Beginning Mixed Chorus
IU2501/2 Beginning Strings
IU2151/2 Concert Band
IU2101/2 Intermediate Band
IU2551/2 Intermediate Strings
IU1051/2 Tenor Chorus
IU1101/2 Treble Chorus 1
IU1151/2 Treble Chorus 2
IU1301/2 Vocal Ensemble

PHYSICAL EDUCATION

IP0071/2 Physical Education 7
IP0081/2 Physical Education 8

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SCIENCE

IS1010 Discovery Science
IS0010 Life Science 7
IS0040 Life Science 7 PreAP
IS0111/2 Physical Science 8
IS0921 Physical Science 8 PreAP

WORLD LANGUAGES

IW1421/2 Spanish 1 (P)
IW1521/2 Heritage Spanish 1 (P)
IW1711/2 Vietnamese 1 (P)

NON-DEPARTMENTAL COURSES

IN1130 Digital Tech Literacy
IN1140 Library Practice
IN1150 Office Practice
IN1070 Student Government
IN1160 Student Tutor
IN2170/1/2 Study Skills
IN1980 Young Living

SPECIAL EDUCATION

ENGLISH/LANGUAGE ARTS

IY1011/2 English/Language Arts 1 SE
IY1021/2 English/Language Arts 2 SE
IY1031/2 English/Language Arts 3 SE
IY1041/2 English/Language Arts 4 SE
IY9111/2 Functional Language Arts SE

ELECTIVES

IY8201/2 Resource Center SE
IY8301/2 Resource Center Visual Impairment
IY9711/2 Functional Career/Vocational
Education SE
IY9811/2 Functional Community-Based
Instruction SE
IY9611/2 Functional Life Skills SE

HISTORY-SOCIAL SCIENCE

IY3801/2 United States History 8 SE
IY3700 World History 7 SE
IY9311/2 Functional Social Science SE

MATHEMATICS

IY2311/2 Math 7 SE
IY2321/2 Math 8 SE
IY9211/2 Functional Math SE

PHYSICAL EDUCATION

IY8101/2 Adaptive Physical Education SE

SCIENCE

IY4700 Life Science SE
IY4801/2 Physical Science SE
IY9411/2 Functional Science SE

HIGH SCHOOL COURSES



ENGLISH LANGUAGE ARTS

Students are required to be enrolled in the English course sequence in grades 9, 10, 11, and 12. Placement is determined by multiple measures including, but not limited to, district benchmarks and the District Writing Assessment. Failed courses should be repeated as soon as possible following the failure. California State Universities and the Universities of California require a certain number and sequence of courses during the four years of high school. This sequence, entitled the A-G requirements, requires students to pass each ELA course with a C or better to earn the B requirement. Please see page 18 for specific details on A-G requirements and application eligibility.

Additionally, the Advanced Placement (AP) Program is a cooperative educational endeavor which allows students to participate in college-level studies while still in secondary school. Courses with a “P” or “AP” meet the California A-G requirements.

English Language Arts integrates reading, writing, listening and speaking, and language while using the state-approved, board-adopted textbook, HMH *Collections*. Through a variety of research-based instructional strategies, students read complex texts, both literary and informational, while exploring Essential Questions and Universal Concepts. Students’ critical thinking skills are reinforced using research-based reading, writing, and language strategies. Additionally, students’ technological and collaborative skills are fostered through digital and online opportunities. Student needs are met through differentiated instructional strategies and tools.

NINTH GRADE COURSES (10 Credits Required In Grade 9)

English 1 (P) (HE0011/2)

UC/CSU: **b**

Year course

Credits: 10

Maximum credits: 10

This course meets entrance requirements for the University of California and California State University. The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Teachers strategically differentiate instruction to meet the needs of all students. **(Not a weighted class)**

English 1 Honors (P) (HE0021/2)

UC/CSU: **b**

Year course

Credits: 10

Maximum credits: 10

District-established, objective multiple-measure criteria will be used to determine student placement. This course meets entrance requirements for the University of California and California State University. The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types. Students engage in advanced critical analysis in order to generate sophisticated interpretation of text. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Teachers strategically differentiate instruction to meet the needs of all students. **(Not a weighted class)**

TENTH GRADE COURSES
(10 Credits Required In Grade 10)**English 2 (P) (HE0111/2)**UC/CSU: **b**

Year course

Credits: 10

Maximum credits: 10

This course meets entrance requirements for the University of California and California State University. The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Teachers strategically differentiate instruction to meet the needs of all students. **(Not a weighted class)**

English 2 Honors (P) (HE0121/2)UC/CSU: **b**

Year course

Credits: 10

Maximum credits: 10

District-established, objective multiple-measure criteria will be used to determine student placement. This course meets entrance requirements for the University of California and California State University. The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types. Students engage in advanced critical analysis in order to generate sophisticated interpretation of text. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Teachers strategically differentiate instruction to meet the needs of all students. **(Not a weighted Class)**

ELEVENTH GRADE COURSES
(10 Credits Required In Grade 11)**English 3 (P) (HE0211/2)**UC/CSU: **b**

Year course

Credits: 10

Maximum credits: 10

This course meets entrance requirements for the University of California and California State University. The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Teachers strategically differentiate instruction to meet the needs of all students. **(Not a weighted class)**

English 3 Honors (P) (HE0221/2)UC/CSU: **b**

Year course

Credits: 10

Maximum credits: 10

District-established, objective multiple-measure criteria will be used to determine student placement. This course meets entrance requirements for the University of California and California State University. The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze,

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synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types. Students engage in advanced critical analysis in order to generate sophisticated interpretation of text. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state standards. Teachers strategically differentiate instruction to meet the needs of all students. **(Weighted Class)**

English Language and Composition AP (P) (HE0231/2)

UC/CSU: **b**

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing and the rhetorical analysis of nonfiction texts. Additionally, the course aligns to introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing. In May, students have an opportunity to take the AP English Language and Composition exam given by the College Board and receive college credit if passing scores are achieved. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

TWELFTH GRADE COURSES

(10 Credits Required In Grade 12)

Effective Communication (HE0341/2)

UC/CSU: **None**

Year course

Credits: 10 Maximum credits: 10

Effective Communication is a standards-based course that satisfies the graduation requirement for 4th year English utilizing state-adopted board-approved textbook. The essential skills of listening, speaking, reading, writing, critical thinking, problem solving, and technological skills are emphasized for success in the work place or community college. A major goal of this course is to assist students to acquire and/or perfect those skills that will be most useful in their career paths.

English 4 (P) – Expository Reading and Writing Course (ERWC) (HE0351/2)

UC/CSU: **b**

Year course

Credits: 10 Maximum credits: 10

The goal of the Expository Reading and Writing Course (ERWC) is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of 12 rigorous instructional modules, students in this year-long, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. ERWC aligns with the California State Standards for English Language Arts and Literacy, addresses critical academic literacy challenges identified by the CSU English Placement Test Committee, and successfully prepares students to meet the academic demands and expectations of college and university faculty. Students identified as “Standard Met: Conditionally Ready for CSU or participating CCC college-level English courses” must continue preparation in the 12th grade by taking an approved English course and earn a grade of “C” or better. The University of California (UC) has approved the ERWC for area B credit (of the A-G requirements), and the Course meets college preparatory requirements for both the UC and the CSU. **(Not a weighted class)**

English 4 (P) (HE0311/2)

UC/CSU: **b**

Year course

Credits: 10 Maximum credits: 10

This course meets entrance requirements for the University of California and California State University. The goal of this course is to integrate the following English Language Arts domains: reading, writing, speaking and listening, and language using the state-adopted, board-approved textbook. This course provides ample opportunities to analyze, synthesize, and evaluate universal concepts through the close reading of both literary and informational texts. Additionally, students utilize the writing process to generate narrative, informative/explanatory, and argumentative text types in order to enhance their writing fluency and effectiveness. Students consistently engage in a variety of research-based instructional strategies to meet the rigorous demands of the state. **(Not a weighted class)**

English Literature and Composition AP (P) (HE0331/2)

UC/CSU: **b**

Year course

Credits: 10 Maximum credits: 10

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Additionally, the course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing. In May, students have an opportunity to take the AP English Language and Composition exam given by the College Board and receive college credit if passing scores are achieved. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

ENGLISH ELECTIVE COURSES

English electives **do not** satisfy the English graduation requirements; however, they may be taken as enrichment to the core program.

Forward 1 (HE0611/2) (1 period)

UC/CSU: **None**

Year course open to grades 9 and 10

Credits: 10 Maximum credits: 10

This course is designed to build the skills necessary to support the demands of the ELA core class. Students develop reading comprehension skills, including word analysis, fluency, vocabulary development, and textual response and analysis. Additionally, the course is designed to promote Scholarly Habits as a means to cultivate self-regulatory and goal-setting skills. Instructional strategies include close reading, academic speaking and writing opportunities, and the production of formal writing pieces (e.g. argumentative, informative/explanatory, and narrative).

Forward 2 (HE0621/2) (1 period)

UC/CSU: **None**

Year course open to grade 10

Credits: 10 Maximum credits: 10

This course is designed to build the skills necessary to support the demands of the ELA core class. Students develop reading comprehension skills, including word analysis, fluency, vocabulary development, and textual response and analysis. Additionally, the course is designed to promote Scholarly Habits as a means to cultivate self-regulatory and goal-setting skills. Instructional strategies include close reading, academic speaking and writing opportunities, and the production of formal writing pieces (e.g. argumentative, informative/explanatory, and narrative).

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DRAMA:

Drama is designed as an introduction to the world of theater. Through participation in acting exercises, theater games, monologues, and scenes from plays, students learn acting techniques and stage terminology as well as gain confidence and stage presence. In the advanced drama classes, students produce full-length dramatic productions for public presentation. Stage Production focuses on stage design, lighting, set construction, and makeup. Drama courses are also listed in the Career Pathway Electives section of this Course Catalog.

Drama 1 (P) (HE1511/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Drama 2 (P) (HE1521/2)

UC/CSU: f*, g

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Drama 3 (P) (HE1531/2)

UC/CSU: f*, g

Year course open to grades 11 and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Drama 4 (P) (HE1541/2)

UC/CSU: f*, g

Year course open to grade 12; semester entry permitted

Credits: 10 Maximum credits: 10

Stage Production (P) (HE1561/2)

UC/CSU: f*

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 30

JOURNALISM:

Journalism 1 acquaints students with the many aspects of news writing. News interviews, editorials, features, and sports writing are all emphasized. Accuracy and proper attribution are stressed with detailed attention given to grammar, punctuation, spelling, and newspaper style. Journalism 2, 3, and 4 focus on writing, editing, publishing, and distributing the student newspaper. These A-G courses meet the UC/CSU "G" subject requirement for visual or performing arts when BOTH semesters are completed consecutively.

Journalism 1 (P) (HE1811/2)

UC/CSU: g

Semester or year course (depending on school site) open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Journalism 2 (P) (HE1861/2)

UC/CSU: g

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Journalism 3 (P) (HE1871/2)

UC/CSU: g

Year course open to grades 11 and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Journalism 4 (P) (HE1881/2)

UC/CSU: g

Year course open to grade 12; semester entry permitted

Credits: 10 Maximum credits: 10

MEXICAN AMERICAN LITERATURE:**Mexican American Literature and Culture (P) (HE1590) (GGHS, LAHS, RAHS) UC/CSU: g**

Semester course open to grades 9, 10, 11, 12;

Credits: 5 Maximum credits: 5

This course will familiarize students with Mexican American Literature and cultural production as it relates to its historical context. Course material will draw from various genres and historical periods to exhibit the rich contribution that Mexican American and Chicana/o creative voices and lived experiences lent to U.S. and global culture.

PUBLICATIONS:

The school's yearbook is designed, published, and sold in this course. Students must be able to assume responsibility, meet deadlines, develop consistent work habits, and work effectively with others. Theme, layout, picture schedules, advertising promotions, financial accounting, copy writing, art design, photography, and record maintenance are key components.

Publications (HE1711/2) UC/CSU: None

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

SPEECH:

Speech 1 provides opportunities for students to study the principles of effective speech composition and delivery. Students are introduced to the basic skills of public speaking, oral interpretation, and debating techniques. The advanced courses develop techniques learned in Speech 1 as well as encourage students to focus on areas of speech in which they are most proficient and interested. Interscholastic competition in speech and debate is also encouraged.

Speech 1 (HE1611/2) UC/CSU: None

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Speech 2 (HE1621/2) UC/CSU: None

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Speech 3 (HE1631/2) UC/CSU: None

Year course open to grades 11 and 12; semester entry permitted

Credits: 10 Maximum credits: 10

Speech 4 (HE1641/2) UC/CSU: None

Year course open to grade 12; semester entry permitted

Credits: 10 Maximum credits: 10

The Craft of Poetry and Story (P) (HE1580) UC/CSU: g

Course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

Prerequisites: English 1 or Teacher/Counselor recommendation with student input

This course will emphasize creative writing skills as students first read and analyze the diction, syntax, mood, style, and pacing of texts, and the work through the writing process focusing on their own poetry and narratives. Major course goals include the completion of the writing process on several poems and short stories, completion of a portfolio with final drafts, and a final gallery of completed projects.

The Craft of Narrative and Plays (P) (HE1570)

UC/CSU: g

Course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

Prerequisites: English 1 or Teacher/Counselor recommendation with student input

This course will emphasize creative writing skills as students first read and analyze the diction, syntax, mood, style, and pacing of texts, and the work through the writing process focusing on their own short stories and plays. Major course goals include the completion of the writing process on several genre pieces, completion of a portfolio with final drafts, and a final film of student-written skits.

ENGLISH LANGUAGE DEVELOPMENT **(ELD)**

Students identified as English Learners on the home language survey will be placed in the appropriate ELD classes based on the Department of 7-12 Instruction Placement Guidelines. English Learners have equitable access to a broad range of high quality, standards-aligned instructional materials. There is a well-articulated curriculum designed to be rigorous, meaningful, interesting, and rich. The goal for English Learners is to achieve and sustain high levels of academic, linguistic, and multicultural competency. All courses are aligned with the California state standards for English Language Development. The “b” of the A-G requirements must be met with four years of English/Language Arts including no more than one year of ELD (level C or higher only).

ELD Basics Content Vocabulary (HD0031/2) (1 period)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Required or elective: Required of students enrolled in ELD Basics

Credits: 10 Maximum credits: 10

Content Vocabulary is a beginning content area (mathematics) course for students who have been identified as English Language Learners. Emphasis is placed on selected newcomer ELD standards through the study of key mathematical concepts.

ELD A Content Vocabulary (HD0131/2) (1 period)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Required or elective: Required of students enrolled in ELD A

Credits: 10 Maximum credits: 10

Content Vocabulary is a beginning content area (history/social science and science) course for students who have been identified as English Language Learners. Emphasis is placed on selected emerging ELD standards through a more advanced study of history and science vocabulary and key concepts.

ELD Basics (HD0011/2) (HD0021/2) (2 period block)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 20 Maximum credits: 20 (10 credits English; 10 credits Elective)

This two-period ELD language arts course is designed as an intensive introduction to English. Emphasis is placed on the acquisition of basic communication skills and vocabulary development. Students acquire these skills through the use of materials and instructional strategies that incorporate listening, speaking, reading, and writing. Students should also be enrolled in Basics Content Vocabulary.

ELD A (HD0111/2) (HD0121/2) (2 period block)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 20 Maximum credits: 20 (10 credits English; 10 credits Elective)

This two-period ELD language arts course is designed for those students who do not speak English as a native language and require intensive instruction in English. Emphasis is placed on the acquisition of English through

the use of materials and instructional strategies that incorporate listening, speaking, reading, and writing. Students should also be enrolled in Level A Content Vocabulary.

ELD B (HD0211/2) (HD0221/2) (2 period block)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 20 Maximum credits: 20 (10 credits English; 10 credits Elective)

This two-period ELD course is designed to continue to develop listening, speaking, reading, and writing skills in English through the use of a variety of instructional materials and strategies

ELD C (P) (HD0311/2) (1 period)

UC/CSU: b

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

One year of this course can be used toward the B of the California A-G requirements.

This course promotes English language acquisition with an emphasis on the development and enhancement of academic language skills. Students continue to develop listening and speaking skills. Reading and writing skills are expanded through a wide variety of materials and instructional strategies.

HISTORY/SOCIAL SCIENCE

History and social science courses provide students with the knowledge and understanding of history, geography, economics, political science, psychology, sociology, and the humanities. A firm grounding in these disciplines prepares students for effective citizenship in a diverse and democratic society. All courses give special emphasis to the development and improvement of reading, writing, and critical thinking skills. Courses are listed in the required sequence. Our State Universities, California State Universities and Universities of California, require a certain number and sequence of courses called the A-G requirements. (A – History/ Social Science) Students must pass these courses with a C or better, see page 18 for specific details on A-G requirements, in order for a student to be eligible to apply. The Advanced Placement (AP) Program is a cooperative educational endeavor which allows students to participate in college-level studies while they are still in secondary school. Courses without a “P” or “AP” do not meet California A-G requirements.

Civics (P) (HH0210)

UC/CSU: a

Semester course open to grade 12

Credits: 5 Maximum credits: 5

This course emphasizes the principles of American democracy and the processes of representative government.

The study of civics prepares students to vote, reflect on the responsibilities of citizenship, and participate in community activities. Topics include the Constitution and Bill of Rights, **History/Social Science** other foundational documents, the courts, legislative and executive branches of government, state and local government, comparative governments, and contemporary social issues.

Civics Honors (P) (HH0220)

UC/CSU: a

Semester course open to grade 12

Credits: 5 Maximum credits: 5

District-established, objective multiple-measure criteria will be used to determine student placement.

This honors level course includes all major topics of the regular Civics course, but differs from the regular course both in terms of extended content and higher expectations for student achievement. Students are expected to investigate more thoroughly the functioning of both formal and informal political groups and governmental and legal institutions. Supplementary reading is required in both primary and secondary sources. Students are required to demonstrate more advanced analysis of assignments in class discussions, written reports, and a comprehensive written final examination.

(Not a weighted class)

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United States Government and Politics (Civics) AP (P) (HH0230) UC/CSU: **a**

Semester course open to grade 12

Credits: 5 Maximum credits: 5

This course will give students an analytical perspective on government and politics in the United States. Students will study in depth the various institutions, groups, beliefs, and ideas that constitute American politics. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

Economics (P) (HH0310) UC/CSU: **g**

Semester course open to grade 12

Credits: 5 Maximum credits: 5

This course deals with ways in which goods and wealth are produced, distributed, and used. The various related problems of supply and demand, labor and management, money and banking, credit, the business cycle, government controls, comparative economic systems, and international trade policies are among the topics studied. Special emphasis is given to the fundamental concepts of microeconomics and macroeconomics. Students learn the application to economics of statistics, measurement concepts, graphs, charts, ratios, percentages, and index numbers.

Macroeconomics AP (P) (HH0330) UC/CSU: **g**

Semester course open to grade 12

Credits: 5 Maximum credits: 5

This course is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places emphasis on the study of national income and price-level determination and familiarizes students with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

United States History (P) (HH0111/2) UC/CSU: **a**

Year course open to grades 11 and 12 (Recommended for grade 11)

Credits: 10 Maximum credits: 10

This course begins with a selective review of United States history emphasizing two major themes: the nation's beginnings as influenced by the enlightenment and its ethical and democratic ideas in the 18th century, and the industrial transformation of the new nation in the 19th century before, during, and after the Civil War. The main focus of attention for the course is an examination of the major turning points in American history during the 20th century: The Progressive Era, The Jazz Age, The Great Depression, World War II, the Cold War, The Civil Rights Movement, constitutional issues, environmental protection, global perspectives, international relations, and the reflections of 20th century events in the arts, literature, and media. The importance of geography is included in the study of United States history.

United States History AP (P) (HH0131/2) UC/CSU: **a**

Year course open to grades 11 and 12 (Recommended for grade 11)

Credits: 10 Maximum credits: 10

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students will learn how to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

World History (P) (HH0011/2) UC/CSU: **a**

Year course open to grades 10, 11, and 12 (Recommended for grade 10)

Credits: 10 Maximum credits: 10

In this course, students examine major turning points in the shaping of the modern world from 1789 to the

present. The course begins with a study of major unresolved problems of the modern world. This study is followed by a review of earlier world history emphasizing the evolution of democratic ideas, principles, and practices. Other topics studied include: the industrial revolution, rise of imperialism and colonialism, World War I and its consequences, totalitarian governments in Nazi Germany and Stalinist Russia, nationalism as it has developed in the former Soviet Union and China, in Israel and Syria, in Ghana and South Africa, and in Mexico and Brazil. The importance of geography receives emphasis in all units of world history instruction.

World History Honors (P) (HH0021/2)

UC/CSU: a

Year course open to grades 9, 10, 11, and 12 (Recommended for grade 10)

*Open to students in grade 9 who wish to take European History AP in grade 10

Credits: 10 Maximum credits: 10

District-established, objective multiple-measure criteria will be used to determine student placement.

This honors level course includes all major topics of the World History course, but differs from the regular course both in terms of extended content and of higher expectations for student achievement. Students are expected to delve further into historical problems and do supplementary reading in both primary and secondary sources. Students are required to demonstrate more advanced analysis of assignments in class discussions, written reports, and a comprehensive final examination. Special attention is given to continuity and change in the shaping of the modern world from 1789 to the present. The importance of geography receives emphasis in all units of world history instruction. **(Not a weighted class)**

World History AP (P) (HH0031/2)

UC/CSU: a

Year course open to grades 10, 11, and 12 (Recommended for grade 10)

Credits: 10 Maximum credits: 10

This course is designed to develop greater understanding of the evolution of global processes in interaction with different types of human societies. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

SOCIAL SCIENCE ELECTIVE COURSES**Cultural Geography (HH0560)**

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course will focus on the study of the world's peoples, places, and environments, with emphasis on world regions. Spatial concepts of geography will be used as a framework for **History/Social Science** studying interactions between humans and their environments. Using geographic resources, students will employ inquiry, research, and technology skills to ask and answer geographic questions.

European History AP (P) (HH0411/2)

UC/CSU: a, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is designed to study European History since 1450 and introduces students to cultural, economic, political, and social developments that have played a fundamental role in shaping today's world. The course is designed to develop an understanding of some of the principal themes in modern European history and to develop an ability to analyze historical evidence and historical interpretation. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

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Human Geography AP (P) (HH0421/2)

UC/CSU: a, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

AP Human Geography is a yearlong course that focuses on the distribution, processes, and effects of human populations on the planet. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their applications. Case studies from around the globe are compared to the situation in both the United States and locally. **(Weighted Class)**

Mexican American History (P) (HH0570) (BGHS, GGHS, LAHS, RAHS, SHS)

UC/CSU: g

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

This course will emphasize the history of Mexican Americans in U.S. History over the past 300 years. The course will study patterns of immigration, geography, politics, trade, economics, culture, folk lore, the civil rights movement, the voting rights act, unions, and the current role of Mexican Americans in present day society.

Psychology (P) (HH0530)

UC/CSU: g

Semester course open to grades 10, 11 and 12

Credits: 5 Maximum credits: 5

This course studies the patterns of human behavior, the individual and society, mental health, the psychology of learning, human development, personality, social influences, and practical applications of psychology.

Psychology AP (P) (HH0541/2)

UC/CSU: g

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

Sociology (P) (HH0510)

UC/CSU: g

Semester course open to grades 11 and 12

Credits: 5 Maximum credits: 5

This course studies the development, organization, and change processes within human social groups. Topics include culture and social structure, socialization of the individual; inter group relations, social institutions, and modernization.

Vietnamese American History (P) (HH0580) (BGHS, GGHS, LQHS, RAHS)

UC/CSU: g

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course covers the history of Vietnam and the history of those Vietnamese individuals who either chose or were forced to leave their homeland and resettle in the United States and other foreign countries during the late 20th century. The course will also incorporate geography, culture, and belief systems, and will utilize primary sources and first-hand accounts of the people who experienced this extraordinary mass movement of an entire people group. A main focus of this course will be reading and analyzing the oral histories given by Vietnamese individuals who shared experiences such as war, upheaval, escape by boat, and resettlement.

MATHEMATICS

The mathematics courses offered range from Algebra 1P to college level mathematics. In order to graduate, students must complete 30 credits in mathematics and successfully complete an Algebra 1 course.

Ninth grade placement in math classes will be determined by the District Placement Matrix. Placement in grades ten, eleven, and twelve is determined by the District Placement Matrix.

California State Universities and Universities of California, require a certain number and sequence of courses called the A-G requirements. Students must pass these courses with a “C” or better, (see page 19 for specific details on A-G requirements,) in order for a student to meet these A-G requirements and be eligible to apply. The Advanced Placement (AP) Program is a cooperative higher education endeavor which allows students to participate in college-level studies while they are still in secondary school. Courses without a “P” or “AP” do not meet California A-G requirements.

Intervention Math 9 (HM0031/2)

UC/CSU: **None**

Year course open to grade 9

Credits: 10 Maximum credits: 10

This is a bridge math course for students who are not ready for Algebra 1P in the 9th grade. This course will focus on foundational mathematical skills. (Credits earned in Intervention Math 9 will fulfill part of the 30 credits in mathematics necessary for graduation.)

Algebra 1 (P) (HM0011/2)

UC/CSU: **c**

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course focuses on:

- Reasoning about structure to define and make sense of rational exponents and explore the algebraic structure of the rational and real number systems.
- Solving absolute value equations, linear inequalities and systems of linear equations
- Building functions in a modeling context and solve problems related to the resulting functions with a focus on linear, simple exponential and quadratic equations.
- Using more formal means of assessing how a model fits data (regression, graphical representations).

The major goal of this course is to assist students in developing skills necessary to meet the algebra content standards. Successful completion of Algebra 1 will satisfy the Algebra high school graduation requirement.

Algebra 1P Companion Class (HM0021/2)

UC/CSU: **None**

Year course open to grades 9

Elective Credits: 10 Maximum credits: 10

Placement: Concurrent enrollment in Algebra 1P

This elective course will offer support to students concurrently enrolled in Algebra 1P. This course will have an Algebra Review/Preview format and will focus on assisting students with their math skills through alternative methods of instruction such as the use of technology, manipulatives, individualized instruction, and interactive teaching units. This is an elective course and does not fulfill part of the 30 credits in mathematics required for graduation.

Accounting Using Algebraic Concepts (HM0611/2)

UC/CSU: **None**

Year course open to grade 12

Credits: 10 Maximum credits: 10

Placement: Successful completion of Algebra 1P

This course introduces students to accounting and fundamental business procedures, interpretation of financial reports and use of various business forms. The procedures presented will serve as a sound background for

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employment in an office, as a small business owner, and as preparation for college. (Credits earned in Accounting Using Algebraic Concepts will fulfill part of the 30 credits in mathematics necessary for graduation.)

Geometry (P) (HM0111/2) **UC/CSU: c**

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Placement: 9th grade: placement for students who successfully completed Algebra 1P in the 8th grade will be determined by district placement matrix
10th, 11th, and 12th grade: successful completion of Algebra 1P

This course will introduce students to formal geometric proofs and the study of plane figures, culminating in the study of right triangle trigonometry and circles. Students explore probability concepts and use probability in real world situations.

Geometry Companion Class (HM0121/2) **UC/CSU: None**

Year course open to grades 9, 10, 11, and 12

Elective Credits: 10 Maximum credits: 10

Placement: Concurrent enrollment in Geometry

This elective math course will offer support to students concurrently enrolled in Geometry. This course will have a Geometry Review/Preview format. Lessons will incorporate strategies to help students become self-regulated learners.

Algebra 2 (P) (HM0211/2) **UC/CSU: c**

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Placement: 9th grade: placement for students who successfully completed Geometry in the 8th grade will be determined by district placement matrix
10th, 11th, 12th grade: successful completion of Geometry

This course builds on content and learning from previous courses. The sequence from variable to equation to function is extended into using functions (polynomial, rational radical, and trigonometric) as models for a number of applied settings. Students' statistics knowledge is extended to understand normal distribution and to make inferences based on sampling, experiments and observational studies. The major goal of this class is to help students develop their organizational ability to solve mathematical problems and to prepare them to continue their studies in mathematics.

Algebra 2/Trigonometry (P) (HM0231/2) **UC/CSU: c**

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Placement: 9th grade: placement for students who successfully completed Geometry in the 8th grade will be determined by district placement matrix
10th, 11th, 12th grade: successful completion of Geometry and district placement matrix

This accelerated course includes all concepts in Algebra 2 (P) as well as extending and connecting algebraic and geometric concepts to topics in probability and statistics, trigonometry and discrete math. The major goal of the class is to help students develop their organizational ability to solve mathematical problems and to prepare them to continue their studies in mathematics.

Advanced Algebra and Trigonometry (P) (HM0261/2) **UC/CSU: c**

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Prerequisite: Placement for students who successfully completed Algebra 2 will be determined by district placement matrix

Advanced Algebra and Trigonometry is designed to provide 11th and 12th graders who would like to take another

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year of mathematics, and who completed Algebra 2. This course will prepare students for Pre-Calculus and the college math placement exam.

Trigonometry (P) (HM0310)

UC/CSU: c, g

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

Placement: Placement will be determined by district placement matrix

This semester course is designed as an introduction to topics of trigonometry with a focus on preparing students who will continue their study in mathematics. Students will develop and extend their skills in working with trigonometric functions and their applications.

Probability and Statistics (P) (HM0510)

UC/CSU: c, g

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

Placement: Placement will be determined by district placement matrix

This semester course is designed as an introduction to Probability and Statistics with a focus on preparing students who will continue their study of college level mathematics. Students will develop and extend their skills in working with data exploration, graph analysis, functions and models, simulations, distributions, and normal distributions.

Probability and Statistics AP (P) (HM0521/2)

UC/CSU: c, g

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Placement: Successful completion of Algebra 2 or higher

This course is designed to assist students to observe patterns and departures from patterns, to decide what and how to measure, to produce models using probability and simulation, and to confirm models. The goal of AP Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Another goal is to prepare students to be successful on the Advanced Placement Statistics examination. **(Weighted class)**

Pre-Calculus (P) (HM0401/2)

UC/CSU: c, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Placement: Successful completion of Algebra 2/Trig **or** Algebra 2 **and** Trigonometry

This course is designed to assist students in developing an understanding of analytic geometry, elementary functions, probability and statistics, linear algebra, sequences and series, and introductory differential calculus. The major goal of the class is to prepare students for college-level courses.

Calculus AB AP (P) (HM0421/2)

UC/CSU: c, g

Year course open to grades 10, 11 and 12

Credits: 10 Maximum credits: 10

Placement: Successful completion of Pre-Calculus

This course is designed as an introduction to analysis including functions, limits, differentiation, the definite integral, techniques of integration, and applications. The course includes topics covered in the AB Calculus Advanced Placement examination. The major goal of AP Calculus AB is to assist students in developing the basic concepts and rules of calculus, preparing students for college-level courses in mathematics and science, and preparing students to be successful on the AB Calculus Advanced Placement examination. **(Weighted class)**

Calculus BC AP (P) (HM0431/2)

UC/CSU: c, g

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Placement: Successful completion of Calculus AB

This course is designed as a continuation of analysis including functions, limits, differentiation, the definite

integral, techniques of integrating, and applications. It includes an introduction to the calculus of parametrically defined functions, vector functions and their derivatives, and a complete study of sequences and series. The major goal of AP Calculus BC is to assist students in developing the basic concepts and rules of calculus, preparing students for college-level courses in mathematics and science, and preparing students to be successful on the BC Calculus Advanced Placement examination. **(Weighted class)**

MATHEMATICS ELECTIVE COURSES

Computer Science A AP (P) (HM0711/2)

UC/CSU: **g**

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Placement: Successful completion of Algebra 1P

This course is designed to develop an understanding of programming methodology using a case study approach. Operating systems and programming language structure are explored. The course includes those topics covered in the Advanced Placement Examination A for computer science. The goals of AP Computer Science A (P) are to provide the basic concepts and rules of general programming techniques and methodologies and to prepare students to be successful on the Advanced Placement Examination A for Computer Science. **(Weighted class)**

Computer Science Principles AP (P) (HM1991/2)

UC/CSU: **g**

Year course open to grades 10, 11, 12

Credits: 10 Maximum Credits: 10

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. This course can be a student's first course in computer science or a capstone course in an Engineering pathway. The course aligns with CSTA 3B standards and helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation.

Exploring Computer Science (P) (HM0701/2)

UC/CSU: **g**

Year-long course open to grades 9, 10, 11, 12

Credits: 10 Maximum Credits: 10

Exploring Computer Science consists of six units of study in the following areas: human-computer interaction, problem-solving, web design, programming, computing and data analysis, and robotics. The course is designed around a framework of both computer science content and computational practice. Assignments and instruction are contextualized to be socially relevant and meaningful for diverse students. Units utilize a variety of tools and platforms and culminate in collaborative final projects.

PHYSICAL EDUCATION

A full year of physical education is required in grade nine. Physical Education is also required in grade 10, but Education Code, Section 51241, allows the principal, under certain circumstances, to grant a 10th grade student exemption from courses in physical education for up to two years. For example, a 10th grade student whose program is too restrictive to allow the selection of a desired elective may delay taking the second required physical education class until the 11th or 12th grade. A minimum of 20 credits must be successfully completed, but a maximum of 40 credits may be applied toward the 220 credits required for graduation.

Two-Year Exemptions:

With the student's consent, the Superintendent or designee may exempt a student from physical education courses for any two years during grades 10-12 provided the student has satisfactorily met at least five of the six standards of the state's physical fitness test in grade 9. (Education Code 51241)

Physical Education

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Physical Education 9 (HP1091/2)

UC/CSU: None

Year course open to grade 9

Credits: 10 Maximum credits: 10

Students achieve movement skills necessary for participation in a variety of physical activities. Personalized fitness programs for a healthy life-style with major emphasis on fitness concepts, team sports, and aquatics are developed.

Physical Education 10, 11, and 12 (HP1101/2)

UC/CSU: None

Year course open to grade 10, 11, and 12

Credits: 10 Maximum credits: 30

This course provides tenth, eleventh, and twelfth grade students with a selection of physical activities for the pursuit of individual excellence in team and individual sports and for the development of health related and athletic skills. Special emphasis is placed on the development, improvement, and maintenance of physical fitness and an understanding of exercise physiology.

AJROTC (HP1131/2)

UC/CSU: None

(Army Junior Reserve Officers' Training Corps) (Santiago High School only)

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 40

The Army JROTC program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. Instructional components include leadership training, health and physical fitness (including standards of the President's Physical Fitness program), first aid, map reading, key concepts of United States history, and American citizenship. Students enrolled in the Army JROTC program may receive physical education credit.

NJROTC (HP1161/2)

UC/CSU: None

(Navy Junior Reserve Officers' Training Corps) (Pacifica High School only)

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 40

The Navy JROTC program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. Instructional components include leadership training, health and physical fitness (including standards of the President's Physical Fitness program), first aid, map reading, key concepts of United States history, and American citizenship. Students enrolled in the Navy JROTC program may receive physical education credit.

Physical Education Beginning Dance Choreography and Production (HP1051/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 5 or 10 Maximum credits: 40

This course emphasizes fundamental techniques required for performance groups: basic dance techniques and movement, various styles and forms (ballet, jazz, modern dance, and musical theater), and movement patterns incorporating basic marking maneuvers. This course also provides an opportunity for students to perform before an audience. Performance participation may be required.

Physical Education Intermediate Dance Choreography and Production (HP1041/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 5 or 10 Maximum credits: 40

This course builds on the skills and knowledge built in Beginning Dance Choreography and Production and is appropriate for the less experienced dance student who wishes to continue artistic growth in dance. The student continues to build on basic dance techniques and movement while developing artistic expression. Performance participation may be required.

Physical Education Advanced Dance Choreography and Production (HP1061/2) UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 5 or 10 Maximum credits: 40

Opportunities are provided for dance students to develop self-expression, self-realization, to attain recognition, and to develop desirable concepts and attitudes through aesthetic activities association with dance in regard to music, theater, design, and art. The course provides an opportunity for students to perform before an audience. Performance participation may be required.

SCIENCE

The science curriculum provides a broad spectrum of course offerings which allow students to become scientifically literate. The science requirement is a minimum of 20 credits (10 credits Physical Sciences and 10 credits Life Sciences).

Our California State Universities and Universities of California, require a certain number and sequence of courses called the A-G requirements. Students must pass these courses with a C or better, see page 18 for specific details on A-G requirements, in order for a student to be eligible to apply. The Advanced Placement (AP) Program is a cooperative educational endeavor which allows students to participate in college-level studies while they are still in secondary school. Courses without a “P” or “AP” do not meet California A-G requirements. **All Lab Science Courses require that students have completed or are currently enrolled in Algebra 1.**

Health Education-State Requirement (HN0910/1/2) UC/CSU: None

Semester course open to 9th, 10th, 11th, or 12th grade students.

Credits: 5 (2.5 toward Health Graduation Requirement and 2.5 toward Elective Credits)

This course deals with a wide variety of health related topics including family life and HIV/AIDS education

Biology (P) (HS0011/2) UC/CSU: d, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is designed to give students an introduction to the basic concepts and principles of biology and to prepare students for further study in biological science.

Biology Honors (P) (HS0021/2) UC/CSU: d, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

The Honors Biology course is designed to be the equivalent of the general Biology course at an accelerated level. The course is divided into three broad content areas: molecular and cellular, genetics and evolution, and organisms and populations. These areas will be investigated with more laboratory exploration. In addition, the units will include supplementary reading and writing assignments. This will prepare the student for the AP Biology course. **(Not a weighted class)**

Biology AP (P) (HS0031/2) UC/CSU: d, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Prerequisite: Completion Biology (P) and Chemistry (P)

The Advanced Placement Biology course is designed to be the equivalent of a general biology course at the college level. The course teaches students about the core scientific principles, theories, and processes governing living organisms, biological systems, and natural phenomena. Course content is designed to prepare students to take the Advanced Placement Examination in Biology. **(Weighted Class)**

Physical Science (with a focus on Earth Science) (P) (HS0141/2)

UC/CSU: g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is designed to give students the opportunity to learn chemistry and physics concepts. Students study the interrelationships of these concepts as well as the dynamic Earth processes. This course does **not** meet the “d” requirement for UC schools.

Anatomy and Physiology (P) (HS0311/2)

UC/CSU: d, g

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Prerequisites: Completion Biology (P)

This course is designed to study the anatomy and physiology of the human body. Students study the different systems of the human body and how they interact.

Chemistry (P) (HS0111/2)

UC/CSU: d, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Chemistry is the study of atomic and molecular structure, physical changes, chemical reactions and their energy relationships, incorporating qualitative and quantitative analysis of data.

Chemistry Honors (P) (HS0121/2)

UC/CSU: d, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Prerequisites: Completion of Biology (P)

The Honors Chemistry course is designed to be the equivalent of the general Chemistry course at an accelerated level. The course covers the same topics as traditional Chemistry; however there will be an emphasis on acceleration of material, labs, formal type lab reports, open ended labs, and research projects. This will prepare the student for the AP Chemistry course.

(Not a weighted class)**Chemistry AP (P) (HS0131/2)**

UC/CSU: d, g

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Prerequisite: Completion of Chemistry (P) and Algebra 2 (P) or higher math

The Advanced Placement Chemistry course is designed to be the equivalent of a general chemistry course at the college level. The course is about the fundamental concepts of chemistry such as structure and states of matter, intermolecular forces, reactions, and how to use chemical calculations to solve problems. The course content is designed to prepare students to take the Advanced Placement Examination in Chemistry. **(Weighted Class)**

Physics (P) (HS0211/2)

UC/CSU: d, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Prerequisites: Concurrent enrollment in Algebra 2 or Algebra 2/Trig or higher math

Physics is the active pursuit of understanding the fundamental natural laws that describe the interactions between matter and energy.

Physics 1 AP (P) (HS0261/2)

UC/CSU: d, g

Year course open to grades 10, 11, 12

Credits: 10 Maximum credits: 10

Prerequisites: Concurrent enrollment or successful completion of Algebra 2/Trig

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AP Physics 1 is the first half of a two year course covering all topics in a typical college level introductory physics course (AP Physics 2 is the second half of the course). This first year is dedicated to the study of classical mechanics in addition to heat and thermodynamics. A working knowledge of algebra and basic trigonometry is required for the course. Understanding of the basic principles of selected topics and the ability to apply these principles in the solution of problems is the major focus of the course. **(Weighted Class)**.

Physics 2 AP (P) (HS0271/2)

UC/CSU: **d, g**

Year course open to grades 10, 11, 12

Credits: 10 Maximum credits: 10

Prerequisites: Successful completion of AP Physics 1

AP Physics 2 is the second half of a two year course covering all topics in a typical college level introductory physics course (AP Physics 1 is the first half of the course). This second year is dedicated to the study of electricity and magnetism, waves, optics, and atomic physics. A working knowledge of algebra and basic trigonometry is required for the course. Understanding of the basic principles of selected topics and the ability to apply these principles in the solution of problems is the major focus of the course. **(Weighted Class)**.

Physics C Electricity and Magnetism and Mechanics AP (P) (HS0231/2)

UC/CSU: **d, g**

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Prerequisites: Concurrent enrollment or successful completion of Calculus

First semester: Electricity and Magnetism will provide students with a learning experience equivalent to that of a semester-long, calculus-based college course in physics that includes a laboratory component. Introductory differential and integral calculus is used throughout the course and on the AP Physics C Exams. **(Weighted Class)**

Second semester: Mechanics is a calculus-based college course in physics that includes a laboratory component. The course is devoted to Newtonian mechanics. Introductory differential and integral calculus is used throughout the course and on the AP Physics C Exams.

Physics C Mechanics AP (P) (HS0241/2)

UC/CSU: **d, g**

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Prerequisites: Concurrent enrollment or successful completion in Calculus

The year-long course on mechanics is a calculus-based college course in physics that includes a laboratory component. The course is devoted to Newtonian mechanics. Introductory differential and integral calculus is used throughout the course and on the AP Physics C Exams Mechanics Exam. **(Weighted Class)**

Physics C Electricity and Magnetism AP (P) (HS0251/2)

UC/CSU: **d, g**

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Prerequisites: Concurrent enrollment or successful completion in Calculus

The year-long course on electricity and magnetism will provide students with a learning experience equivalent to calculus-based college course in physics that includes a laboratory component. Introductory differential and integral calculus is used throughout the course and on the AP Physics C Magnetism Exam. **(Weighted Class)**

Environmental Science AP (P) (HS0321/2)

UC/CSU: **d, g**

Year course open to grades 10, 11 and 12

Credits: 10 Maximum credits: 10

Prerequisite: Algebra 1 (P) and 2 years of lab science (one life science and one physical science)

The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The course is designed to prepare students to take the Advanced Placement Examination in Environmental Science. **(Weighted Class)**

WORLD LANGUAGES

The primary purpose of World Language study is to acquire oral fluency, listening, reading, and writing skills in the target language. Our State Universities, California State Universities and Universities of California, require a certain number and sequence of courses called the A-G requirements. To meet the University of California (UC) entrance requirements and the California State University (CSU) entrance requirements, students must earn a minimum of 20 credits in the same world language. In addition, the University of California and California State University recommend three years of World Language study (30 credits). Students must pass these courses with a C or better, see page 18 for specific details on A-G requirements, in order for a student to be eligible to apply. The Advanced Placement (AP) Program is a cooperative educational endeavor which allows students to participate in college-level studies while they are still in secondary school. Courses without a “P” or “AP” do not meet California A-G requirements.

Enrollment in World Language is not dependent upon a student's English/Language Arts grade or teacher recommendation. In many instances the World Language is a student's primary language. Research shows that increasing the fluency in a student's primary language increases their fluency in their second language (ex. English/Language Arts). With teachers’ using the Communicative Approach, students will be exposed to a variety of listening comprehension opportunities, including a variety of the target language’s vocabulary and usage. Students will be encouraged to speak the target language, mimicking what they hear from their teachers and other sources of auditory in-put. Based on the listening and speaking opportunities, students will also learn to read and write in the target language, as appropriate to their level. Content, communication, culture, structures and settings are delineated in the 2009 California World Language Content Standards.

Students who demonstrate proficiency in English and a language other than English may be eligible for the Seal of Bi-Literacy in different ways. They can take four years (40 credits) in the same World Language with an overall grade point average of 3.0 or higher, or by passing an AP (World Language) exam with a 3 or higher, or by passing the SAT II foreign language exam with a score of 600 or higher. Seniors will be required to submit an application for the seal. For more information, please speak to a school counselor.

SPANISH

<u>Spanish 1</u> (P)	(HW1411/2) (all comprehensive High Schools)	UC/CSU:	e
<u>Spanish 2</u> (P)	(HW1421/2) (all comprehensive High Schools)	UC/CSU:	e, g
<u>Spanish 3</u> (P)	(HW1431/2) (all comprehensive High Schools)	UC/CSU:	e, g
<u>Spanish 4</u> (P)	(HW1441/2) (all comprehensive High Schools)	UC/CSU:	e, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 per course Maximum credits: 10 per course

<u>Spanish Language AP</u> (P) (HW1481/2) (all comprehensive High Schools)	UC/CSU:	e, g
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Year course open to grades 9, 10, 11 and 12

Credits: 10 per course Maximum credits: 10 per course

Prerequisite: Completion of previous levels of language, if applicable

The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

<u>Spanish Literature AP</u> (P) (HW1461/2) (LAHS, LQHS, PHS, RAHS)	UC/CSU:	e, g
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Year course open to grades 10, 11 and 12

Credits: 10 per course Maximum credits: 10 per course

Prerequisite: Completion of Spanish Language AP

The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

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HERITAGE SPANISH

The Heritage Spanish program is designed to meet the language needs of heritage Spanish speakers. Students who have oral Spanish skills will continue oral language development and will develop reading and writing skills. Appropriate usage in practical situations, literature, cultural information, and grammatical issues are presented. The program consists of two instructional levels. Students will be placed in Heritage Spanish 1 and 2 based on an assessment of Spanish skills and the needs of the student.

Heritage Spanish 1 (P) (HW1521/2) (all comprehensive High Schools) UC/CSU: e, g

Note: Completion of this A-G course with a grade of “C” or better meets the two years of the Language Other Than English (LOTE) UC/CSU “E” subject requirement.

Heritage Spanish 2 (P) (HW1531/2) (all comprehensive High Schools) UC/CSU: e, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Note: Completion of this A-G course with a grade of “C” or better meets the three years of the Language Other Than English (LOTE) UC/CSU “E” subject requirement.

FRENCH

French 1 (P) (HW1111/2) (BGHS, LQHS, LAHS, SHS) UC/CSU: e

French 2 (P) (HW1121/2) (BGHS, LQHS, LAHS, SHS) UC/CSU: e, g

French 3 (P) (HW1131/2) (BGHS, LQHS, LAHS, SHS) UC/CSU: e, g

French 4 (P) (HW1141/2) (BGHS, LQHS, LAHS, SHS) UC/CSU: e, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 per course Maximum credits: 10 per course

French Language AP (P) (HW1161/2) (BGHS, LAHS, LQHS) UC/CSU: e, g

Year course open to grades 11 and 12

Credits: 10 per course Maximum credits: 10 per course

The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

GERMAN

German 1 (P) (HW1211/2) (PHS) UC/CSU: e, g

German 2 (P) (HW1221/2) (PHS) UC/CSU: e, g

German 3 (P) (HW1231/2) (PHS) UC/CSU: e, g

German 4 (P) (HW1241/2) (PHS) UC/CSU: e, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 per course Maximum credits: 10 per course

German Language AP (P) (HW1261/2) (PHS) UC/CSU: e, g

Year course open to grades 11 and 12

Credits: 10 per course Maximum credits: 10 per course

The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

VIETNAMESE

Vietnamese 1 (P) (HW1711/2) (All Comprehensive High Schools) UC/CSU: e

Vietnamese 2 (P) (HW1721/2) (All Comprehensive High Schools) UC/CSU: e, g

Vietnamese 3 (P) (HW1731/2) (All Comprehensive High Schools) UC/CSU: e, g

Vietnamese 4 Honors (P) (HW1751/2) (BGHS, GGHS, LQHS, RHS, SHS) **(Weighted Class)** UC/CSU: e, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 per course Maximum credits: 10 per course

LATIN

<u>Latin 1 (P) (HW1311/2) (GGHS)</u>	UC/CSU:	e
<u>Latin 2 (P) (HW1321/2) (GGHS)</u>	UC/CSU:	e, g
<u>Latin 3 (P) (HW1331/2) (GGHS)</u>	UC/CSU:	e, g
<u>Latin 4 Honors (P) (HW1351/2) (GGHS) (Weighted Class)</u>	UC/CSU:	e, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 per course Maximum credits: 10 per course

Prerequisites: Levels 2, 3, and 4 require successful completion of the previous level.

These courses introduce the student to the language through selected classical Latin readings from elementary to advanced levels. Emphasis is placed on the grammar and structure of Latin, English words derived from Latin, contributions of Roman culture to our civilization, and readings from various Latin authors.

ELECTIVES

ACADEMIC

ACADEMY

Academy is a year-long intervention class designed for identified at-risk students concurrently enrolled in at least one A-G course. Students selected will typically be those performing above the basic band of performance on standardized tests and having completed grade 8 or 9 with GPAs between 1.0 and 2.0. The class is designed to support students in the successful completion of A-G courses by teaching students requisite self-regulatory skills. The self-regulatory focus includes, but is not limited to the development of literacy, communication, collaboration and non-cognitive skills. A sufficient number of college tutors will be available in the Academy class to facilitate access to rigorous curriculum. The course provides students with strategic and ongoing progress monitoring and coaching due to low production and academic performance in the previous school year.

<u>Academy Class (HC0501/2)</u>	UC/CSU:	None
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Year course open to grades 11-12

Credits: 10 Maximum credits: 10 per year (maximum 40)

<u>Academy Class 09 (HC0301/2)</u>	UC/CSU:	None
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Year course open to grade 9

Credits: 10 Maximum credits: 10 per year (maximum 40)

<u>Academy Class 10 (HC0311/2)</u>	UC/CSU:	None
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Year course open to grade 10

Credits: 10 Maximum credits: 10 per year (maximum 40)

AVID

AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society. The basis for instruction is a strong, relevant writing and reading curriculum with an additional focus on inquiry, organization and collaboration. A sufficient number of college tutors will be available in the AVID class to facilitate access to rigorous curriculum. AVID program implementation and student progress are monitored through AVID Data System and Illuminate, and results are analyzed to ensure success. Students who complete AVID can count the A-G course toward one year of the "G" subject requirement.

<u>AVID 9 (P) (HC1091/2) (available - grade 9)</u>	UC/CSU:	g
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Year course open to grade 9

Credits: 10 Maximum credits: 10

AVID 10 (P) (HC1101/2) (available - grade 10)

UC/CSU: g

Year course open to grade 10

Credits: 10 Maximum credits: 10

AVID 11/Junior Seminar (P) (HC1111/2) (available - grade 11)

UC/CSU: g

Year course open to grade 11

Credits: 10 Maximum credits: 10

AVID 12/Senior Seminar (P) (HC0121/2) (available - grade 12)

UC/CSU: g

Year course open to grade 12

Credits: 10 Maximum credits: 10

PEER TUTOR

Peer Tutor (HC0201/2)

UC/CSU: None

Semester course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Students will assist teachers with academic instruction in a classroom environment when appropriate. Responsibilities include providing academic assistance to students who are struggling with the course material and working with small groups of students during guided practice or independent practice sessions.

Applied Arts

Child Understanding and Observation (HF1460)

UC/CSU: None

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

This course prepares students to understand children and their physical, mental, emotional, and social growth. The course is designed to teach responsible parenting, effective interaction with children and prepare students for careers in child development and education.

Life After High School 1 (HF2010)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course is designed to equip students with the essential skills for living. It will focus on managing personal, family, and work responsibilities. It will provide students with the opportunity to obtain life management skills and provide career development activities through instruction in the seven family and consumer studies content areas. These areas are child development, consumer education, family living and parenting education, fashion and apparel, foods and nutrition, housing and furnishings, and individual and family health. This course provides rigorous, standards-driven instruction, integrates the core academic and career-technical concepts, and contributes significantly to students' academic achievement.

Life After High School 2 (HF2020) Prerequisite: Life After High School 1

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course is designed to equip students with the essential skills for personal living after high school. It will focus on managing personal, family, and work responsibilities. It will provide students with the opportunity to obtain life management skills and provide career development activities through instruction in the family and consumer studies content areas. These areas are child development, consumer education, family living and parenting education, and housing and furnishings. This course provides rigorous, standards-driven instruction, integrates the core academic and career-technical concepts.

Preparation for Adult Living (HF1170)

UC/CSU: None

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum Credits: 5

This course provides students with skills, knowledge, and attitudes to understand goals and decision-making, value and function of families, management of conflicts and crises, changing roles and responsibilities, communication skills, use of community resources, establishment and maintenance of relationships, and needs and contributions of exceptional family members.

Visual Arts

Visual Art curriculum is designed to provide a means of creative expression and communication for the unique aptitudes of the individual student. In all art courses the significance of artistic judgment and critique are explored and then applied to the development of individual student artwork. Selected students' artwork will be displayed at various district and countywide competitions and exhibits. To meet the University of California (UC), and the California State University (CSU) entrance requirements, students must earn 10 credits in the Visual or the Performing Arts in a course indicated below as a "P" or "AP". Our State Universities, California State Universities and Universities of California, require a certain number and sequence of courses called the A-G requirements. Students must pass these courses with a C or better, see page 18 for specific details on A-G requirements, in order for a student to be eligible to apply. The Advanced Placement (AP) Program is a cooperative educational endeavor which allows students to participate in college-level studies while they are still in secondary school. Courses without a "P" or "AP" do not meet California A-G requirements.

The Art of Animation (P) (HA1621/2)

UC/CSU: f

Year course open to grade 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Using classical, pencil-based techniques, and/or 3-D computer programs, students will identify and apply the basic principles of the mechanics of movement in the creation of personal artwork and animation including the production of human and animal life drawings. The history and background of the animation industry and art form will be explored and analyzed.

Art Appreciation and History (P) (HA1111/2)

UC/CSU: f

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students learn to recognize, discuss, and analyze art from contemporary, historic, and prehistoric cultures. This course is designed to allow students to develop a basis for making judgments about art, form, content, technique, and purpose. Students are required to demonstrate their knowledge of the subject during oral critiques and writing assignments which require critical analysis.

Art Appreciation and History AP (P) (HA1121/2)

UC/CSU: f, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students survey the history of art from cave paintings to contemporary artwork. Focus is on the development of critical thinking skills, vocabulary, and writing skills, while exposing students to key works of art in a wide variety of cultures. Students analyze common characteristics of visual arts evident across time and among cultural groups to formulate analysis, evaluations, and interpretations of meaning. The course is designed to prepare students to take the Advanced Placement Examination. **(Weighted Class)**

Art Crafts 1A/1B (P) (HA1191/2)

UC/CSU: f*

Year course open to grades 9, 10, 11 and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students develop skills in a variety of media which may include clay, plastics, wood, fiber, fabric or metal. Students gain an understanding of the creative abilities of other cultures while developing objective criteria for analysis, interpretation, and evaluation of artwork through written and oral critique.

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Art Crafts 2 (P) (HA1221/2) Prerequisite: Arts Crafts 1A/1B

UC/CSU: f*, g

Year course open to grades 9, 10, 11 and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students further refine and develop design and manipulative skills learned in Art Crafts I. Focus is on how to broaden and enhance insight into aesthetic response and creativity. During critiques both oral and written, students make refined judgments of the creative process in their own artwork and that of others.

Art Crafts 3 (P) (HA1231/2) Prerequisite: Art Crafts 2

UC/CSU: f*, g

Year course open to grades 9, 10, 11 and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students further refine and develop design and manipulative skills learned in Art Crafts I and II. Focus is on how to broaden and enhance insight into aesthetic response and creativity. During critiques both oral and written, students make refined judgments of the creative process in their own artwork and that of others.

Art Projects (P) (HA1131/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 30

Students work independently on individual projects under the direction of the instructor. This is a special class designed for advanced art students who are self-directed, imaginative, and have learned the necessary art skills to work independently. Emphasis is placed on making imaginative, refined, and increasingly subtle discriminations in the creative process. Students make refined judgments and enhance aesthetic response to their own work and that of others.

Ceramics 1 (P) (HA1841/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students are introduced to cultural, historical and contemporary techniques fundamental to the use of clay, glaze, and the kiln. Students plan, design, and create ceramic projects using these techniques. Emphasis is on hand-building. Students are given appropriate vocabulary and design fundamentals to help develop aesthetic perception and analytical abilities.

Ceramics 2 (P) (HA1851/2) Prerequisite: Ceramics 1

UC/CSU: f*, g

Year course open to grades 11 and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students receive continuing and enhanced experiences in ceramics including, advanced design, broader technical skill, a wider use of tools, materials and subject matter. This advanced course provides more emphasis on wheel throwing. As students are exposed to a wider range of artwork, evaluation techniques and aesthetic responses involving their own work are enriched. Exposure to ceramic works of other cultures continues.

Commercial Art 1 (P) (HA1311/2)

UC/CSU: f*

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students are introduced to commercial design concepts and are assigned individual and/or group projects. Students are made aware of the wide variety of careers available in commercial art and are introduced to software such as, Photoshop or Illustrator. Emphasis is on rendering for reproduction. Historic and contemporary design concepts and how they apply to commercial art techniques are introduced. Evaluation techniques, appropriate vocabulary and aesthetic perception are discussed and learned.

Commercial Art 2 (P) (HA1321/2) Prerequisite: Commercial Art 1

UC/CSU: f*, g

Year course open to grades 11 and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students create and design advanced artwork geared toward commercial/industrial uses in group and/or individual

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projects. Students use symbols and graphic images to express emotional impact. Emphasis is on rendering for reproduction. Evaluation techniques, appropriate vocabulary and aesthetic perception continue to be enhanced. Opportunities to enter district and county competitions are available.

Commercial Art 3 (P) (HA1331/2) Prerequisite: Commercial Art 2 UC/CSU: f*, g

Year course open to grade 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students create and design more refined work focusing on commercial/industrial uses in group and/or individual projects. Analysis, evaluation, appreciation skills will be emphasized. Opportunities to enter competitions are available. Students are expected to create a career specific portfolio.

Computer Graphics 1 (P) (HA1041/2) UC/CSU: f

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course emphasizes the computer in developing an understanding of the use of technology in visual communications. Specific topics include creating color and image, video imaging, three-dimensional imaging, layout design, computer animation, and presentation concepts. Vocabulary and evaluation are discussed.

Computer Graphics 2 (P) (HA1051/2) Prerequisite: Computer Graphics 1 UC/CSU: f, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students improve skills in the use of technology in visual communication. Computer animation, electronic imaging equipment, and interactive multimedia are components of the course. Skills in analysis, evaluation, and synthesis are emphasized.

Computer Graphics 3 (P) (HA1061/2) Prerequisite: Computer Graphics 2 UC/CSU: f, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course provides students with advanced skills in the use of technology in visual communication. Students access the Internet for research in art images, apply the computer in advertising, computer animation, and build an individual portfolio. More refined skills in analysis, criticism, and appreciation are developed.

Digital Video/Film Production 1 (P) (HA1161/2) UC/CSU: f

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students learn to appreciate film arts through creative video production. Students learn and use the specialized vocabulary of film and television to express themselves clearly and concisely in writing about film arts. Students develop ideas individually or in groups, composing outlines and proposals, scripts, and storyboards for their projects. Video projects based on student scripts in several genres or formats and live television shows in a variety of formats will be written and produced.

Digital Video/Film Production 2 (P) (HA1171/2) UC/CSU: f, g

Prerequisite: Digital Video/Film Production 1

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Using skills and knowledge acquired in Digital Video/Film Production I, students discover and develop their own unique style of creative expression through the art of film processes. Students continue to learn to appreciate film arts through creative video production. The framework of the course is an ongoing study of the art of filmmaking and the creative process that precedes any artistic, film product. Students learn and use the specialized vocabulary of film arts to express themselves clearly and concisely in writing scripts depicting various film genres, storyboards, and their initial proposals. Students write and produce live television shows in a variety of artistic formats, including shows that reflect contemporary and historical social concerns.

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Digital Video/Film Production 3 (P) (HA1181/2)

UC/CSU: f, g

Prerequisite: Digital Video/Film Production 2

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Using learning acquired in Digital Video/Film Production 1 and 2, students will discover and develop their own unique style of creative expression through the art of film processes. In this advanced course students will:

- Understand and experiment with various film genre.
- Explore the visual drama provided by enhanced lighting, both live and digital.
- Develop editing, script-writing, interviewing and other visual story-telling techniques.
- Begin to acquire techniques in film management and process in order to produce and facilitate a community-based *Film Festival* comprised of student work from the class, and also the work of students from other schools.

Exploratory Art A/B (P) (HA1091/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students are introduced to the fundamentals of drawing and design through an exploration of a variety of media. In the first half of this course, emphasis is on two-dimensional subjects and preparation for advanced work. Foundation skills needed to develop aesthetic judgment and gain an understanding of historical and cultural values of art are also introduced.

Film Studies and Appreciation (P) (HA1631/2)

UC/CSU: f

Year course open to grade 10, 11, and 12

Credits: 10 Maximum credits: 10

In this course students will view and analyze great films from the early classics to contemporary genres. With a deeper appreciation for the art of filmmaking and storytelling students will also write movie scripts and create short films using digital video equipment.

Jewelry 1 (P) (HA1861/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students, in an art workshop atmosphere, learn the fundamental techniques used in the design and creation of jewelry. Students are introduced to the historical and cultural aspects of jewelry. Evaluation techniques specific to the construction of jewelry are provided.

Jewelry 2 (P) (HA1871/2) Prerequisite: Jewelry 1

UC/CSU: f*, g

Year course open to grades 10, 11 and 12

Credits: 10 Maximum credits: 10

Using fundamentals of design learned in Jewelry I, student will refine their art jewelry design and fabrication. Students receive broader technical skills and use a wider variety of tools and materials. The historical and cultural aspects of the subject continue to be discussed. A finer sense of aesthetic judgment is encouraged and the original, creative use of materials is emphasized.

Painting and Drawing 1 (P) (HA1411/2)

UC/CSU: f*

Prerequisite: Exploratory Art A and B or permission of teacher

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students receive concentrated training in the fundamentals of drawing and painting to enhance observation and perception. Emphasis is on developing creative and expressive skills using different mediums. The historical and cultural aspects of the subjects are reviewed and tested. Skills needed to develop aesthetic judgment and evaluation are also introduced including critique and written assessment. Opportunities are available for students to enter off-campus exhibits/competitions.

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Painting and Drawing 2 (P) (HA1421/2) Prerequisite: Painting and Drawing 1 UC/CSU: f*, g

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students receive continuing and advanced experiences in drawing and painting to enhance observation and perception using various painting and drawing mediums. Imaginative or alternative methods of creative thinking are encouraged. Historical and cultural aspects of the subject continue to be discussed and tested. Skills necessary to develop a refined aesthetic judgment are provided through critique both oral and written. Focus on Portfolio Development. Opportunities are available for students to enter off-campus exhibits/competitions.

Painting and Drawing 3 (P) (HA1431/2) Prerequisite: Painting and Drawing 2 UC/CSU: f*, g

Year course open to grades 11 and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students receive continuing advanced experiences in drawing and painting providing for sophisticated design, broader technical skills, and a wider use of tools, materials, and subject matter. Students refine aesthetic perception while increasing their efforts to think imaginatively. Focus on Portfolio Development. Opportunities are available for students to enter off-campus exhibits/competitions. Effective analysis includes both oral and written critique.

Photography (P) (HA1031/2) UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 20

This course provides a variety of experiences ranging from basic photography skills to developing, designing, printing and enlarging, exposure, photojournalism, and various types of camera operation using digital and/or film. Historical and cultural aspects of the subject are discussed. Students develop skills that promote aesthetic judgment and critical analysis.

Photography 2 (P) (HA0121/2) Prerequisite: Photography 1 UC/CSU: f*, g

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

This course provides for the advanced study of photography as an art form. The course is designed to enhance the skills and knowledge acquired and practiced in Photography 1.

Major Goals

- Develop skills and acquire knowledge in order to manipulate the techniques and processes of good photography and intentionally take advantage of the qualities and characteristics of this media to enhance individual expression
- Develop an appreciation of the importance of historical and contemporary photographic art forms by comparing the characteristics and processes of photography in various eras and cultures
- Develop the ability to compare ideas, themes or issues expressed in photography with events in history, ideas in humanities, and discoveries in science
- Develop critical thinking and writing skills, including analysis, synthesis and evaluation
- Identify connections between photography and other disciplines in curriculum
- Explore possible careers and cross-curricular applications

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Photography 3 (P) (HA0131/2) Prerequisite: Photography 2 UC/CSU: f* g

Year course open to grades 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Major Goals

- Continue to develop skills and acquire knowledge in order to manipulate the techniques and processes of good photography and intentionally take advantage of the qualities and characteristics of this media to enhance individual expression
- Continue to develop an appreciation of the importance of historical and contemporary photographic art forms by comparing the characteristics and processes of photography in various eras and cultures

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- Continue to develop the ability to compare ideas, themes or issues expressed in photography with events in history, ideas in humanities, and discoveries in science
- Continue to develop critical thinking and writing skills, including analysis, synthesis and evaluation
- Identify connections between photography and other disciplines in curriculum
- Explore possible careers and cross-curricular applications

Sculpture 1 (P) (HA1511/2)

UC/CSU: f*

Year course open to grades 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students learn the fundamental design and construction techniques of three-dimensional art forms by working in a variety of sculptural mediums. A correlation among materials, techniques, and ideas is stressed. Knowledge of historical and cultural uses of sculpture is acquired. Students develop skills that promote aesthetic judgment and critical analysis.

Sculpture 2 (P) (HA1521/2) Prerequisite: Sculpture 1

UC/CSU: f*, g

Year course open to grades 11 and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students are introduced to advanced design and construction techniques as they apply to three-dimensional art forms. Students are encouraged to concentrate on the maximum development of one or more sculptural mediums. Historical and cultural uses of sculpture continue to be discussed. Criteria from which to develop a base for making formal aesthetic judgment are provided.

Sculpture 3 (P) (HA1531/2) Prerequisite: Sculpture 2

UC/CSU: f*, g

Year course open to grade 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

Students refine skills learned in Sculpture 1 and Sculpture 2. Students are encouraged to concentrate on the maximum development of one sculptural medium. Emphasis is placed upon sculptural forms for exhibit and competition. Refined discriminations are used in developing the art form. Individual creativity and imagination are emphasized. Students differentiate among a variety of historical and cultural contexts of sculpture, and use the skills of analysis, synthesis, and evaluation to critique artwork.

Studio Art Drawing (Art Portfolio) AP (P) (HA1271/2)

UC/CSU: f*, g

Prerequisite: Recommendation from visual art teacher

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 20

The AP Studio Art course is designed for the practical experience of art. AP studio art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The portfolio choices are design and drawing. Assignments are designed with the following goals for the student: participate in a creative and systematic investigation of formal and conceptual issues, understand art as an ongoing process that involves the student in informed and critical decision making, develop technical skills, familiarize student with the functions of the visual elements, and become independent thinkers who will contribute inventively and critically to their culture through the making of art. Students must submit a portfolio to the College Board for evaluation and college credit. **(Weighted Class)**

Studio Art 2D (Art Portfolio) AP (P) (HA1081/2)

UC/CSU: f*, g

Prerequisite: Recommendation from visual art teacher

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 20

The AP Studio Art course is designed for the practical experience of art. AP studio art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The portfolio choices are 2-D design. Assignments are designed with the following goals for the student: participate in a creative and systematic investigation of formal and conceptual issues, understand art as an ongoing process that involves the

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student in informed and critical decision making, develop technical skills, familiarize student with the functions of the visual elements, and become independent thinkers who will contribute inventively and critically to their culture through the making of art. Students must submit a portfolio to the College Board for evaluation and college credit. **(Weighted Class)**

Studio Art 3D (Art Portfolio) AP (P) (HA1291/2)

UC/CSU: f, g

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 20

The AP Studio Art course is designed for the practical experience of art. AP studio art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The portfolio choices are 3-D design, and drawing. Assignments are designed with the following goals for the student: participate in a creative and systematic investigation of formal and conceptual issues, understand art as an ongoing process that involves the student in informed and critical decision making, develop technical skills, familiarize student with the functions of the visual elements, and become independent thinkers who will contribute inventively and critically to their culture through the making of art. Students must submit a portfolio to the College Board for evaluation and college credit. **(Weighted Class)**

Music

The goals of music education are to develop sensitivity to the expressive qualities of music, the skills and discrimination necessary for the performance, creation and appreciation of music, and a positive self-image through successful experiences in music. All groups have the opportunity to perform at various school and community functions. The total number of credits a student may earn in any combination of music courses may not exceed 40 credits unless prior approval is given by the school principal. To meet the University of California (UC) and the California State University (CSU) entrance requirements, students must earn 10 credits in the Visual or the Performing Arts. Our State Universities, Cal State Universities and Universities of California, require a certain number and sequence of courses called the A-G requirements. Students must pass these courses with a C or better, see page 18 for specific details on A-G requirements, in order for a student to be eligible to apply. The Advanced Placement (AP) Program is a cooperative educational endeavor which allows students to participate in college-level studies while they are still in secondary school. Courses without a “P” or “AP” do not meet California A-G requirements.

Music Theory (P) (HU0301/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is designed for the student who wishes to gain an understanding of music and how it is composed. The course includes: composition, harmonization, counterpoint, and development of aural and notation skills, including sight-singing and dictation. Focus is on the development of critical thinking skills, vocabulary, musical analysis, and composition.

Music Theory AP (P) (HU0351/2)

UC/CSU: f, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is designed for the student who wishes to gain an in-depth understanding of the way music is composed. Specific areas addressed are: composition, harmonization, counterpoint, and development of aural and notation skills, including sight-singing, melodic and rhythmic dictation. The student is given opportunities to compose and perform original music in class. Attention is given to pertinent historical information. Prominent composers are discussed. **(Weighted Class)**

The World of Music (P) (HU0401/2)

UC/CSU: None

Year course open to grades 9,10,11 and 12

Credits: 10 Maximum credits: 20

This course is designed to show the use and value of music in peoples' lives. Students will view music in a social context and learn how music affects their culture and other cultures around the world. Students will learn to understand musical communication, to improve musical critiques and recognize music in its written form as well as its aural form.

Choral Program

Treble Choir (P) (HU1101/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This choir studies and sings intermediate and advanced choral music. Emphasis is placed on proper vocal production, sight-singing, music theory, and choral style. This group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Varsity Choir (P) (HU1151/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

Students study and sing beginning and intermediate choral music. Emphasis is placed on listening, independent singing, proper vocal production, and fundamentals of music. Students performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

A Cappella Choir (P) (HU1201/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This mixed choir studies and sings beginning and intermediate choral literature. Students learn vocal production, basic musicianship, and sight-singing. The group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Concert Choir (P) (HU1251/2)

UC/CSU: f*, g

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This college preparatory course is for experienced choral students in a mixed group. Emphasis is placed on correct vocal production, advanced part-singing, music theory, sight-singing, and the study of various styles and period of music. The group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Vocal Ensemble (P) (HU1301/2)

UC/CSU: f*

Admittance by audition and/or instructor approval only

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

Usually a small select group, this college preparatory course is for experienced choral students. Emphasis is placed on correct vocal production, advanced part-singing, music theory, sight-singing, and the study of various styles and periods of music. The group performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Instrumental Program

Beginning Guitar (P) (HU2101/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 10

This course is an introductory course in playing classical and contemporary guitar. Students learn simple rhythms, melodies, chords, and strums.

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Hand Bell Choir and Hand Chimes Choir (P) (HU1351/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This course provides instruction in hand bell techniques. Students learn the basics of music theory, how to read music, care of bells, proper stroke, and various bell effects. This group performs at school programs, concerts, special music activities, and festivals. Performance participation is required.

PIANO

Beginning Piano (P) (HU2401/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 20

This introductory course is designed for students who have had little or no formal training playing the piano. Emphasis is placed on correct piano playing technique, basic music theory and various performances and playing styles. The students will study piano literature that represents several musical periods, composers, and countries. There may be opportunities throughout the year for the students to perform for the public.

Intermediate Piano (P) (HU2411/2)

UC/CSU: f*, g

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 20

This course is intended for students wishing to pursue a more intense interest in piano performance. Sight reading, playing technique, music theory and technical skills are improved through performance and the use of technology. Students are responsible for practice of more advanced literature beyond the school day. Critical thinking, listening, playing and writing skills are enhanced by attendance and adjudication of piano concerts or recitals. In-depth research of composers, within the historical and cultural context of their styles of music and performance of the music are important aspects of this course. Students choose and prepare four (4) piano pieces representing four major musical time periods. One of the four will be performed at a recital each quarter. In addition, students will prepare oral presentations utilizing technology. Written and oral critiques of individual performance and that of fellow students is emphasized. Concepts of music and piano as they relate to other curricular areas are taught. Careers in piano performance and its related fields are discussed.

Advanced Piano (P) (HU2421/2)

UC/CSU: f*, g

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 20

This course is designed for students who have mastered the skills of intermediate piano and wish to refine their musical growth. Emphasis is placed on advanced piano literature and precise piano technique which accurately reflects the styles of the Baroque, Classical, Romantic and Twentieth Century composers. Compositional techniques and advanced music theory will be analyzed. The students will perform with expression and technical accuracy a varied repertoire of piano literature. Performance participation and written research reports are required. In-depth research of composers within the historical and cultural context of their styles of music and performance of the music are important aspects of this course. Students choose and prepare four (4) piano pieces representing four major musical time periods. One of the four will be performed at a recital each quarter. In addition, students will prepare oral presentations utilizing technology. Career in piano performance and its related fields are discussed. Concepts of music and piano as they relate to other curricular areas are taught.

STRINGS

Beginning Strings (P) (HU2151/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 20

This course is designed for the string student who wishes to achieve musical growth with a focus on the ensemble

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performance. Emphasis is placed on tone production, bow technique, intonation, blend and balance, and music theory. Appropriate orchestral literature is performed. This ensemble will have the opportunity to perform at school programs, community concerts, and festivals. Performance participation is required.

Intermediate Strings (P) (HU2161/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This course builds on the skills and knowledge built in the beginning strings class and is appropriate for the less experienced string student who wishes to continue musical growth with a focus on ensemble performance. The student continues to build principles of musicianship through appropriate literature, harmonic and rhythmic fundamentals, and ensemble skills. This ensemble performs at music festivals, school and community concerts, and other approved performances. Performance participation is required.

Chamber Strings (P) (HU2171/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

Usually for a small select group, this course is for advanced string players. Emphasis is placed on music reading, music theory, ensemble skills, and the study of various styles and periods of music. This ensemble performs at music festivals, school and community concerts, and other approved performances. Admittance by audition and/or instructor approval only. Performance participation is required.

String Orchestra (P) (HU2201/2)

UC/CSU: f*, g

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This college preparatory course is for advanced string students. Emphasis is placed on music reading, music theory, ensemble skills, and the study of various styles and periods of music. Concepts of shifting and vibrato are utilized. This ensemble performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

BAND**Beginning Band (P) (HU2501/2)**

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 20

This is an introductory course in how to play a wind or percussion instrument for students with little or no musical experience. Emphasis is placed on music reading, music theory, ensemble skills, and the study of various styles and periods of music. Correct playing position, characteristic tone quality, and basic pitch and rhythmic reading are stressed. This ensemble will have the opportunity to perform at school programs, community concerts, and festivals. Performance participation is required.

Concert Band (P) (HU2551/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This college prep course is designed for the less experienced band student who wishes to continue musical growth with a focus on ensemble performance. The student continues to build principles of musicianship through appropriate literature, harmonic and rhythmic fundamentals, and ensemble skills. This ensemble performs at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Jazz Ensemble/Commercial Music (P) (HU2651/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This college preparatory course is for experienced instrumental students. Emphasis is placed on music reading, music theory, ensemble skills, jazz styles, improvisational techniques, literature, and the contemporary commercial music idiom. Students perform at district music festivals, school and community concerts, and other approved performances. Performance participation is required.

Symphonic/Marching Band (P) (HU2601/2)

UC/CSU: f*, g

Admittance by audition and/or instructor approval only

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 40

This college preparatory course is for experienced instrumental students. Emphasis is placed on music reading, music theory, ensemble skills, marching band fundamentals, and appropriate literature. Various styles and periods of music are presented. The historical significance of the American band movement is addressed. Students perform at district music festivals, school and community concerts, and other approved performances. Performance participation is required. Through four years of enrollment in first semester, students can satisfy their PE requirement, but must take an additional course for “f” or “g” requirement.

NON-DEPARTMENTAL

Beginning Dance Choreography and Production (P) (HN1051/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 40

This course emphasizes fundamental techniques required for performance groups: basic dance techniques and movement, various styles and forms (ballet, jazz, modern dance, and musical theater), and movement patterns incorporating basic marking maneuvers. This course also provides an opportunity for students to perform before an audience. Performance participation may be required.

Intermediate Dance Choreography and Production (HN1041/2)

UC/CSU: f*, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 40

This course builds on the skills and knowledge built in Beginning Dance Choreography and Production and is appropriate for the less experienced dance student who wishes to continue artistic growth in dance. The student continues to build on basic dance techniques and movement while developing artistic expression. Performance participation may be required.

Advanced Dance Choreography and Production (HN1061/2)

UC/CSU: f*, g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 40

Opportunities are provided for dance students to develop self-expression, self-realization, to attain recognition, and to develop desirable concepts and attitudes through aesthetic activities association with dance in regard to music, theater, design, and art. The course provides an opportunity for students to perform before an audience. Performance participation may be required.

Campus Service - Office (HN0100)

UC/CSU: None

Semester course open to selected students in grades 10, 11, and 12

Credits: 5 **Maximum credits: Refer to underlined statement below

Students receive training in such basic office skills as filing, typing, answering the telephone, office procedures, and attendance accounting. Specific duties vary according to the office to which the student is assigned, such as principal’s office, health office, attendance office, guidance office, or bookstore.

Campus Service - Teacher Assistant (HN0200)

UC/CSU: None

Semester course open to selected students in grades 10, 11, and 12

Credits: 5

**Maximum credits: Refer to underlined statement below

Students assist teachers as lab assistants and in preparation of classroom materials. Duties vary according to the specific needs of the department to which the student is assigned.

****All students who qualify must be enrolled in five additional classes on campus. Seniors may be enrolled in four additional courses. Students may earn a maximum of 20 credits in any one or any combination of Campus Service-Office or Campus Service-Teacher Assistant.**

Library Science (HN0300)

UC/CSU: None

Semester course open to selected students in grades 9, 10, 11, and 12

Credits: 5

Maximum credits: 40

This course is designed to give the student a practical understanding of library resources and procedures.

Leadership (HN0400)

UC/CSU: None

Semester course open to selected student body officers and other school leaders in grades 9, 10, 11, and 12

Credits: 5

Maximum credits: 40

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

Study Skills (HN0500/1/2)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5

Maximum credits: 20

This course promotes better study habits and academic skills of high school students. The major focus of the class is to teach students that success in school is a matter of organization, discipline, and motivation.

AJROTC (HN1291/2) (Army Junior Reserve Officers' Training Corps) (SHS only) UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10

Maximum credits: 40

The Army JROTC program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. Instructional components include leadership training, health and physical fitness (including standards of the President's Physical Fitness program), first aid, map reading, key concepts of United States history, and American citizenship. Students enrolled in the Army JROTC program may receive physical education credit.

NJROTC (HN1301/2) (Navy Junior Reserve Officers' Training Corps) (PHS only) UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10

Maximum credits: 40

The Navy JROTC program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. Instructional components include leadership training, health and physical fitness (including standards of the President's Physical Fitness program), first aid, map reading, key concepts of United States history, and American citizenship. Students enrolled in the Navy JROTC program may receive physical education credit.

SPECIAL EDUCATION

ELIGIBILITY FOR SPECIAL EDUCATION SERVICES:

A student shall be eligible for special education services when he/she has one or more area(s) of significant deficit or need, which adversely affects his/her performance in general education classes. The disability(ies) may be categorized as intellectual disability, speech and language impairment, orthopedic impairment, specific learning disability, autism, hard of hearing, visual impairment, other health impairment, deaf-blindness, traumatic brain injury, deafness, emotional disturbance, or multiple disability. A student's disability can be considered mild/moderate or moderate/severe. After a multidisciplinary assessment, an Individualized Education Program (IEP) Team determines if a student is eligible for services in the least restrictive environment. These settings include:

RESOURCE SPECIALIST PROGRAM (RSP):

This program is designed to supplement the regular program to meet the needs of eligible students who require instructional support through special education. The student typically attends general education classes for the majority of the instructional day.

SPECIAL DAY CLASSES (SDC: MM, MS, ED):

These programs are provided for students who typically require greater support throughout their instructional day in special education. This placement occurs only after an IEP team has determined that the student's needs are such that educational benefit cannot be achieved in general classes (with the use of supplementary aids and services) or with Resource Specialist Program (RSP) support. Types of Special Day Classes offered in the district include those for students with mild to moderate (MM), moderate to severe (MS) disabilities, and emotional disturbance (ED).

SPECIAL CENTERS:

Special centers are available for students whose educational/social/medical needs cannot be met on general campus sites.

ADULT TRANSITION PROGRAM (ATP):

The Adult Transition Program is located at Jordan ATP and Special Education Center (SEC). This program prepares young adults from ages 18-22 for productive community and life skills experiences.

The entire provision for special education services is documented in the Individualized Education Program (IEP).

DESIGNATED INSTRUCTION AND SERVICES (DIS):

Specialized services are provided to any student in general or special education classes when an IEP team determines this educational need and are available to qualified students.

Some of the DIS services available are:

Adapted Physical Education	Home/Hospital Instruction
Audiological Services	Orientation and Mobility Instruction
Occupational Therapy	Psychological Services
Counseling	Speech and Language Services
Health and Nursing Services	Vision Services
Physical Therapy	Educationally Related Mental Health Services

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COURSE OF STUDY:

Students receiving special education services may take a combination of general education course offerings and special education courses to meet the credits required for graduation. All special education courses are based on the state standards and are designed to meet the individual needs of students through specialized academic instruction. No classes designated as “SE” meet university entrance requirements. Special education students wishing to be A-G eligible (on track to apply for admission to a CSU or UC campus) should enroll in general education or inclusion classes with the resource center class.

In order to be enrolled in a special education class, a student must be identified as an individual with exceptional needs and have a current IEP. The following courses meet the corresponding requirements that are necessary for graduation:

ENGLISH/LANGUAGE ARTS - Placement in English Intervention Program will be reflected in I.E.P.

English A SE (HY0111/2) UC/CSU: **None**

Year course

Credits: 10 Maximum credits: 20

Meets English requirement

English B SE (HY0211/2) UC/CSU: **None**

Year course

Credits: 10 Maximum credits: 20

Meets English requirement

English C SE *1, *2 (HY0321/2), (HY0331/2) UC/CSU: **None**

Year course

Credits: 10 Maximum credits: 20

Meets English requirement

English D SE *1, *2 (HY0421/2), (HY0431/2) UC/CSU: **None**

Year course

Credits: 10 Maximum credits: 20

Meets English requirement

English E SE *1, *2 (HY0521/2), (HY0531/2) UC/CSU: **None**

Year course

Credits: 10 Maximum credits: 20

Meets English requirement

ELECTIVES

Health Education/State Requirement SE (HY6700) UC/CSU: **None**

Semester course required in grade 10

Credits: 2 1/2 Maximum credits: 2.5

Meets Health Education requirement Elective

Resource Center SE

Resource Center is an elective support class designed to accompany RSP or MM Students enrolled in General Education A-G courses. The class supports students in the successful completion of rigorous A-G courses by teaching students the self-regulatory skills necessary to navigate general education courses successfully in order to enhance opportunities in selecting post-secondary educational options. The course also provides students with appropriate monitoring and support per each student’s IEP.

Special Education

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Students will participate two days a week in activities that support their success in the general education setting (note taking strategies, interacting with text, time management, collaborative group work), two days a week in tutorials, and one day a week on goal setting, skill streaming, and possible selves.

Resource Center 09 SE (HY8201)

UC/CSU: None

Year course open to grade 9

Credits: 10 Maximum credits: 10

Resource Center 10 SE (HY8201)

UC/CSU: None

Year course open to grade 10

Credits: 10 Maximum credits: 10

Resource Center 11 SE (HY8201)

UC/CSU: None

Year course open to grade 11

Credits: 10 Maximum credits: 10

Resource Center 12 SE (HY8201)

UC/CSU: None

Year course open to grade 12

Credits: 10 Maximum credits: 10

Visually Impaired Resource Room SE (HY8301/2)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 40

Elective

Workability (HY7621/2)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 40

This elective course provides students the opportunity to earn credits while participating in the WorkAbility program. The WAI program provides comprehensive pre-employment skills training, employment placement and for high school students in special education who are making the transition from school to work, independent living and post-secondary education or training. The WAI program offers special education students the opportunity to complete their secondary education while also obtaining marketable skills to the benefit of future employers. Students must be 16 y/o or older with a valid social security card for potential job placement.

HISTORY/SOCIAL SCIENCE

Civics SE (HY3400)

UC/CSU: None

Semester course open to grade 12

Credits: 5 Maximum credits: 5

Permission needed to enter before grade 12

Meets Civic requirement

Economics SE (HY3500)

UC/CSU: None

Semester course open to grade 12

Credits: 5 Maximum credits: 5

Meets Economics requirement

United States History SE (HY3201/2)

UC/CSU: None

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Meets United States History requirement

World History SE (HY3101/2)

Year course open to grades 10, 11, and 12
Credits: 10 Maximum credits: 10
Meets World History requirement

UC/CSU: None

MATHEMATICS

Pre-Algebra SE (HY2101/2)

Year course open to grades 9, 10, 11, and 12
Credits: 10 Maximum credits: 10
Meets Mathematics requirement

UC/CSU: None

Algebra 1A SE (HY2301/2)

Year course open to grades 9, 10, 11, and 12
Credits: 10 Maximum credits: 10
Meets Mathematics requirement

UC/CSU: None

Algebra 1B SE (HY2401/2)

Year course open to grades 9, 10, 11, and 12
Credits: 10 Maximum credits: 10
Meets Mathematics requirement

UC/CSU: None

Geometry SE (HY2501/2)

Year course open to grades 9, 10, 11, and 12
Credits: 10 Maximum credits: 10
Meets Mathematics requirement

UC/CSU: None

PHYSICAL EDUCATION

Adapted Physical Education SE (HY8101/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: 40
Meets Physical Education requirement

UC/CSU: None

SCIENCE

Physical Science SE (HY4201/2)

Year course open to grades 9, 10, 11, and 12
Credits: 10 Maximum credits: 10
Meets science requirement

UC/CSU: None

Biology SE (HY4101/2)

Year course open to grades 11 and 12
Credits: 10 Maximum credits: 10

UC/CSU: None

NON-DIPLOMA COURSES

Community-Based Instruction SE (HY7821/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: None

UC/CSU: None

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Functional Language Arts SE (HY9121/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: None

UC/CSU: None

Functional Math SE (HY9221/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: None

UC/CSU: None

Functional Social Science SE (HY9321/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: None

UC/CSU: None

Functional Science SE (HY9421/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: None

UC/CSU: None

Functional Health Education SE (HY9521/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: None

UC/CSU: None

Functional Life Skills Education SE (HY9621/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: None

UC/CSU: None

Career/Vocational Education SE (HY7721/2)

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: None

UC/CSU: None

CAREER PATHWAY ELECTIVES

The following CTE elective courses meet the 10 credit graduation requirement of Fine Arts/Applied Arts. Career and Technical Education (CTE) pathway courses prepare students for post-secondary college and careers in various industry sectors in the State of California. Students who complete at least 20 credits in a sequenced sector pathway that includes concentrated and capstone level courses receive a CTE Pathway Completion Certificate.

ARTS, MEDIA, AND ENTERTAINMENT

- Design, Visual & Media Arts Pathway

BUSINESS AND FINANCE

- Financial Services Pathway

EDUCATION, CHILD DEVELOPMENT, AND FAMILY SERVICES

- Child Development Pathway
- Education Pathway

ENGINEERING

- Engineering Design Pathway

FASHION AND INTERIOR DESIGN

HEALTH SCIENCE AND MEDICAL TECHNOLOGY

- Patient Care Pathway

HOSPITALITY, TOURISM, AND RECREATION

- Food Service Hospitality Pathway

INFORMATION AND COMMUNICATIONS TECHNOLOGIES

- Software and Systems Development

MARKETING, SALES, AND SERVICE

- Entrepreneurship and Innovation Pathway

PUBLIC SERVICES

- Public Services Pathway

TRANSPORTATION

- Systems Diagnostics, Service, & Repair Pathway

Career and Technical Education Pathways include courses with:

- UC a-g approval
- Articulated college-credit
- Industry certification
- Internships and work-based learning

(P) Indicates a college preparatory course as defined by the UC/CSU system.

*These courses meet the UC/CSU “F” subject requirement only when BOTH semesters are completed consecutively.

◆ **Articulated Course:** The district has an articulation agreement with select community colleges whereby a student may earn college credits for certain comparable courses taken while in high school, when all articulation requirements and documentation have been submitted.

INT indicates an internship class that includes work-based learning, community classroom, and/or on-the-job training component.

ARTS, MEDIA, AND ENTERTAINMENT

Of all the career industries, the Arts, Media, and Entertainment sector requires perhaps the greatest cross-disciplinary interaction because the work is largely project-based, requiring both independent work and interdependent management skills for career success. New technologies are constantly reshaping the boundaries and skill sets of many arts career pathways. Consequently, core arts-sector occupations demand varying combinations of artistic imagination, metaphoric representation, symbolic connections, and technical skills. Successful career preparation involves both broad and in-depth academic and technical preparation as well as the cultivation of twenty-first-century skill assets, such as flexibility, problem-solving abilities, and interpersonal skills. Careers in the Arts, Media, and Entertainment sector fall into four general pathways: Design, Visual, and Media Arts; Performing Arts; Production and Managerial Arts; and Game Design and Integration.

Design, Visual, & Media Arts Pathway

The Design, Visual, and Media Arts pathway prepares students for college majors and careers using visual art, digital media, and web-based tools as the primary means of communication and creative expression. In addition to an understanding of current workplace practice, this career pathway requires the development of knowledge and skills in both visual art concepts as well as new and emerging digital processes by which individuals are able to create and communicate complex concepts in a broad range of occupations and professions, such as commercial artists, web designers, animators, and art directors.

CTE COURSES:

The Art of Animation (P) (HT1651/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Using classical, pencil-based techniques, and/or 3-D computer programs, students will identify and apply the basic principles of the mechanics of movement in the creation of personal artwork and animation including the production of human and animal life drawings. The history and background of the animation industry and art form will be explored and analyzed.

The Art of Animation 2 (P) (HT1511/2) Prerequisite: Art of Animation 1

UC/CSU: f*, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will broaden and refine the skills and techniques learned in The Art of Animation I, and add advanced computer animation, production and performance skills.

The Art of Animation 3 (P) (HT1521/2)

UC/CSU: f*, g

Prerequisite: Art of Animation 2 or Instructor Approval

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

This is the project-based capstone course in the Animation sequence. Students will explore areas of specialization while continuing to refine and expand their animation skills.

Digital Photography, Intro to (HB1640)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This class is an introduction to digital photography as a means of communication. Students will learn to use a digital camera, different lighting techniques, and post processing software to create compelling images for a variety of purposes. Topics include basic operation of a digital camera, composition, camera controls, exposure, lighting, and basic image enhancement for creative use.

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The Art of Digital Photography (P) (HT1951/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course provides an introduction to the art and appreciation of digital photography. Students will explore the basic elements of composition and the principles of design including light, movement, and color theory. Combining training in camera operation and image editing with artistic theory, students will learn to visually communicate their ideas and creativity.

The Art of Digital Photography 2 (P) (HT1961/2)

UC/CSU: f*, g

Prerequisite: Art of Digital Photo 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will refine and enhance their digital composition, camera, editing, and production skills and develop and apply their understanding of advanced concepts whereby digital photography is used as a medium of both artistic and commercial expression. Students will explore their interests in photography; learn career opportunities, historical perspectives and commercial applications. Students will complete a portfolio of photographic work, demonstrate presentation skills, and achieve a photographer's ability to see the world in a creative, meaningful way.

Digital Design & Publications (HT1551/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 10 Maximum credits: 20

The school's yearbook is designed, published, and sold in this course. Students must be able to assume responsibility, meet deadlines, develop consistent work habits, and work effectively with others. Theme, layout, picture schedules, advertising promotions, financial accounting, copy writing, art design, photography, and record maintenance are key components.

Digital Video and Animation (HB1620)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

In this course, students continue to develop skills in creating computer content and presentations that will help them present ideas and information electronically. Emphasis will be placed on developing and implementing multimedia files, video, audio, and computerized animation.

Digital Film and Web Design (P) (HT1711/2)

UC/CSU: f*

Prerequisite: Previous computer class recommended

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

In this course, students will use digital media to express themselves visually and creatively. Students will use camcorders, digital cameras, video/photo editing and web design software to create web sites, print media, and short movies.

Digital Film 2 (P) (HT1731/2)

UC/CSU: g

Prerequisites: Previous video editing experience recommended

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Building on the knowledge and skills acquired in previous graphics and web design classes, students will delve deeper into the art and technique of filmmaking and cinematography. They will use and explore a variety of camera, lighting, audio, and studio equipment to produce a variety of film and video projects, including productions for the school community.

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The Art of Graphic Design 1 (P) (HT1661/2)

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This is an introductory course in graphic design. Students study the history and aesthetics of art and graphic design while developing their perceptual and creative skills.

The Art of Graphic Design 2 (P) (HT1671/2) Prerequisite: Art of Graphic Design 1 UC/CSU: f*, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Building on the skills learned in The Art of Graphic Design 1, students will develop 2D and 3D visual communications of increasing sophistication and complexity. They will explore the relationship of graphic imagery to the cultural, political and psychological dynamics of information exchange. Emphasis will be placed on written reflections, critiques and the development of high-quality graphic art images.

Graphic Arts 1 (HT1461/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Graphic Arts 1 introduces students to basic manipulative skills and technical knowledge in the field of graphic arts.

Graphic Arts 2 (HT1471/2) Prerequisite: Graphic Arts 1

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Graphic Arts II and III provide students with advanced technical knowledge of the machines, tools, and other equipment in the graphic arts field. These courses use state-of-the-art digital design computer software to develop skills in Desktop Publishing and Graphic Design.

Graphic Arts 3 (HT1481/2) Prerequisites: Graphic Arts 2 or instructor approval UC/CSU: None

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Graphic Arts II and III provide students with advanced technical knowledge of the machines, tools, and other equipment in the graphic arts field. These courses use state-of-the-art digital design computer software to develop skills in Desktop Publishing and Graphic Design.

Web Design (HB1610)

UC/CSU: None

Semester course open to grade 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course introduces students to beginning level programming, graphics, and web page development.

Web Design 2 (P) (HT1721/2)

UC/CSU: g

Prerequisites: Previous computer graphics/web design experience

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Building on the knowledge and skills acquired in previous graphics and web design classes, students will develop deeper into the advanced principles of communicating visually and creatively through print media, photography, motion graphics, and web design. Students will also have an opportunity to work on projects for the school community.

ROP COURSES:

The Art of Animation 1 (P) (HR1501/2) ♦

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will write and create animated cartoons using traditional animation techniques and computer animation software. Students develop cartooning and art skills, learn character and story development and the basics of 3D computer software.

The Art of Animation 2 (HR1511/2) ♦ Prerequisite: Art of Animation 1

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will broaden and refine the skills and techniques learned in The Art of Animation 1, and add advanced computer animation, production and performance skills.

The Art of Animation 3 (HR1521/2)

UC/CSU: None

Prerequisite: Art of Animation 2 or instructor approval

Year course open to grades 11, and 12

Credits: 10 Maximum credits: 10

This is the project-based capstone course in the Animation sequence. Students will explore areas of specialization while continuing to refine and expand their animation skills.

The Art of Digital Photography (P) (HR1391/2) ♦

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12; semester entry permitted

Credits: 5 or 10 Maximum credits: 10

This course provides an introduction to the art and appreciation of digital photography. Students will explore the basic elements of composition and the principles of design including light, movement, and color theory. Combining training in camera operation and image editing with artistic theory, students will learn to visually communicate their ideas and creativity.

The Art of Digital Photography 2 (P) (HR1591/2)

UC/CSU: f*, g

Prerequisite: Art of Digital Photo 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will refine and enhance their digital composition, camera, editing, and production skills and develop and apply their understanding of advanced concepts whereby digital photography is used as a medium of both artistic and commercial expression. Students will explore their interests in photography; learn career opportunities, historical perspectives and commercial applications. Students will complete a portfolio of photographic work, demonstrate presentation skills, and achieve a photographer's ability to see the world in a creative, meaningful way.

The Art of Graphic Design 1 (P) (HR1301/2) ♦

UC/CSU: f*

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This is an introductory course in graphic design. Students study the history and aesthetics of art and graphic design while developing their perceptual and creative skills.

The Art of Graphic Design 2 (P) (HR1311/2) Prerequisite: Art of Graphic Design 1 UC/CSU: f*, g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Building on the skills learned in The Art of Graphic Design I, students will develop 2D and 3D visual communications of increasing sophistication and complexity. They will explore the relationship of graphic

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imagery to the cultural, political and psychological dynamics of information exchange. Emphasis will be placed on written reflections, critiques and the development of high-quality graphic art images.

Career Focus: Arts, Media & Entertainment (HR6531/2)

UC/CSU: None

Year course open to grade 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is an exploration of the various careers in the fields of art and media. Students will learn the requirements and opportunities for post-secondary education and develop a personal career/life plan.

Digital Photography (HR1401/2) ♦

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is an introductory course in the art of digital photography. Students learn photographic composition, basic camera controls, functions, and settings as well as digital darkroom techniques, storage, printing and editing.

Digital Design and Publishing 1 (HR1351/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

In this introductory course, students will use computers, current software, scanners, digital cameras and laser printers to produce brochures, advertisements and artwork for graphics and web design.

Digital Design and Publishing 2 (HR1361/2)

UC/CSU: None

Prerequisite: Digital Design and Publishing 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will build upon the skills acquired in Digital Design and Publishing I to create advanced projects, multimedia presentations and web pages.

Digital Design and Publishing 3 (HR1381/2)

UC/CSU: None

Prerequisites: Digital Design and Publishing 2

Year course open to grades 11, and 12

Credits: 10 Maximum credits: 10

In this capstone course, students will refine and demonstrate the skills developed in the previous courses. They will create computer graphics for advertising, render images in 3D and produce multimedia presentations.

Graphics and Design 1 (HR1341/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course provides an introduction to the key concepts of graphics and design, including color theory, typography, layout and composition. Using the elements of design, students will create digital illustrations and apply them to solving commercial design problems.

Graphics and Design 2 (HR1411/2) Prerequisites: Graphic Design I

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course builds on the competencies completed in Graphic Design I. Content area skills include advanced drawing, developing a personal style, industrial and package design, designing with advanced typesetting skills and working with clients.

Graphic Arts 3 (HR1691/2) Prerequisites: Graphic Arts 2 or instructor approval

UC/CSU: None

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Graphic Arts 3 provides students with advanced knowledge and techniques in digital graphic design. Emphasis is made on portfolio development and professional applications, including web design, dynamic Internet publishing, layout and design manipulation of visual and textual content.

Computer Graphics/Layout (HR1331/2)

UC/CSU: None

Year course open to grade 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course introduces students to desktop publishing using current technology. The elements of art and principles of design will be emphasized as students learn computerized drawing techniques. Publication design and production software, illustration and digital imaging techniques will be included.

Web Design and Development (HR5561/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will learn the basics of web site design including development and maintenance, creating frames, forms, cascading style sheets with HTML, graphics, sound and animation.

Professional Arts, Media and Entertainment Internship (HR1771/2) INT

UC/CSU: None

Prerequisite: At least 10 credits with a “C” or better in Digital Media Arts pathway coursework

Summer School course open to students completing grade 11/entering grade 12

Credits: 10 Maximum credits: 10

The Professional Arts Media Entertainment Internship course provides Digital Media Arts pathway students with the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

BUSINESS AND FINANCE

Persons trained in such fields as accounting, banking, and finance will find that their skills are highly marketable. Students master basic accounting principles and procedures before proceeding to the career path specializations. The specializations emphasize concepts of accounting and finance, including computer applications, taxes, investments, and asset management. Because almost every business organization has an accounting component, students with knowledge of accounting will find that opportunities exist in many other career paths in addition to those in finance and business. For related courses, see “Marketing, Sales, and Service.”

Business Management

Management consists of strategic planning, leading, and controlling an organization or effort to accomplish a goal. In the Business Management courses, students learn business fundamentals, goal-setting, resource allocation, organizational structure and management techniques, economics, financial data, risk management, information technology, and supply chain management. Complementary courses in understanding self-employment, marketing, and running a business include Entrepreneurship classes in the Marketing, Sales, and Service sector.

CTE COURSES:

Advanced Word Processing (HB1010)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course will focus on the formatting of files and templates. Other topics include desktop publishing, resumes, job applications and formatting college research papers.

Business, Introduction to (HB1370)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course is an introduction to the essentials of business. Students will explore the career options, marketing, production, and management concepts of small, medium, and large business structures.

Business Concepts (HB1141/2)

UC/CSU: None

Year Course; open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will understand US economic environment, the impact on domestic international business management and issues of consumerism. Students will be exposed to many dimensions of business and consumerism with a focus on: technological applications, organization and structure, legal aspects, marketing, financial management, risk management, and career planning.

Computer Applications 1 (HB1970)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course will develop the basic computer literacy skills that include word processing, data base, spreadsheet, Internet/email, desktop publishing, and presentations. Word processing, spreadsheets, and database concepts will be emphasized.

Computer Applications 2 (HB1980)

UC/CSU: None

Prerequisite: Computer Applications 1

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course continues to develop computer competencies which include word processing, data base, spreadsheet, Internet/email, desktop publishing, and presentation skills. There is an emphasis on advanced concepts and program integration.

ROP COURSES:

Career Focus: Business (HR6521/2)

UC/CSU: None

Year Course; open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is an exploration of the various careers in the fields of business and service, including business administration, sales, marketing and hospitality. Students will learn the requirements and opportunities for post-secondary education and develop a personal career/life plan.

Professional Business and Marketing Internship (HR1691/2) INT

UC/CSU: None

Prerequisite: At least 10 credits with a "C" or better in Business, Entrepreneurship or Marketing coursework

Year course open to students completing grade 11/entering grade 12

Credits: 10 Maximum credits: 10

This course provides Business and Marketing pathway students the opportunity to apply foundational knowledge

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and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

Financial Services Pathway

Financial services are an essential aspect of every business institution and organization. Students in this pathway investigate the field of financial management, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students formulate and interpret financial information for use in financial management decision making, such as compliance and risk management. This pathway may include programs of study for accounting, banking, securities and investments, and other financial specializations.

CTE COURSES:

Accounting Using Algebraic Concepts (HB1191/2)

UC/CSU: None

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

This course introduces students to accounting and fundamental business procedures, interpretation of financial reports and use of various business forms. The procedures presented will serve as a sound background for employment in an office, as a small business owner, and as preparation for college.

Accounting 2 (HB1201/2) Prerequisite: Accounting Using Algebraic Concepts

UC/CSU: None

Year course open to grade 12

Credits: 10 Maximum credits: 10

This course builds on Accounting Using Algebraic Concepts by introducing more complex procedures. The new principles introduced include departmental and cost accounting, management accounting, financial accounting, payroll and adjustments for partnerships and corporations.

Accounting with QuickBooks (P) (HB1211/2)

UC/CSU: g

Prerequisite: Keyboarding knowledge

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course introduces students to the widely used accounting software developed by Intuit for small businesses and entrepreneurs. Students will learn accounting fundamentals and apply the knowledge and skills for numerous computerized business processes such as creating accounts, setting up customers, vendors, and products, developing invoices and receipts, tracking income and expenses, managing accounts receivable and payable, and creating budgets and running reports.

Business Algebra 1 (P) (HB1211/2)

UC/CSU: c

Year-long course open to grade 9, 10, 11, 12

Credits: 10 Maximum Credits: 10

This course meets Algebra 1 standards, integrating Algebra concepts with Business applications. What does Algebra have to do with business? Business Algebra answers this question as students learn the role that algebraic concepts such as linear equations, inequalities, and quadratic functions play in the work world of business financial management. Business Algebra I can be part of a Business and Finance pathway in a sequence of business, finance, economics, and accounting courses.

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Business Algebra 2 (P) (HB1221/2)

UC/CSU: c

Year-long course open to grade 9, 10, 11, 12

Credits: 10 Maximum Credits: 10

This course meets Algebra 2 standards. While learning advanced mathematical concepts and developing problem-solving skills in linear functions, quadratic equations, exponents and polynomials, and rational expressions, students enrolled in Business Algebra II analyze and apply business concepts such as revenue, cost, and profit maximization. This course can be part of a Business and Finance pathway in a sequence of business, finance, economics, and accounting courses.

Business Economics and Finance (P) (HB1151/2)

UC/CSU: g

Prerequisites: Algebra 1 and English 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course will analyze fundamental micro and macroeconomic principles as they relate to business financial activity and outcomes. Concepts taught in this course will enable students to understand key elements involved in planning and managing business financial success.

Personal Finance (HB1180)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course covers various aspects of personal financial planning. The following topics will be covered: personal budgets, checking and savings accounts, consumer loans and credit, housing, insurance, taxation, installment buying, investments, and career planning.

ROP COURSES:

Business Economics and Finance (P) (HR1371/2)

UC/CSU: g

Prerequisite: Algebra I and English 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course will analyze fundamental micro and macroeconomic principles as they relate to business financial activity and outcomes. Concepts taught in this course will enable students to understand key elements involved in planning and managing business financial success.

Accounting with QuickBooks (P) (HR3501/2)

UC/CSU: g

Prerequisite: Keyboarding knowledge

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course introduces students to the widely used accounting software developed by Intuit for small businesses and entrepreneurs. Students will learn accounting fundamentals and apply the knowledge and skills for numerous computerized business processes such as creating accounts, setting up customers, vendors, and products, developing invoices and receipts, tracking income and expenses, managing accounts receivable and payable, and creating budgets and running reports.

Professional Business and Marketing Internship (HR1691/2) INT

UC/CSU: None

Prerequisite: At least 10 credits with a "C" or better in Business, Entrepreneurship or Marketing coursework

Year course open to students completing grade 11/entering grade 12

Credits: 10 Maximum credits: 10

This course provides Business and Marketing pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

International Business

The relative ease of travel and the use of electronic communication have seemingly diminished the size of the globe, yet the interdependence of countries for goods and services causes this marketplace to grow, thrive, and become increasingly more competitive. Students focusing on the occupational area of international trade develop and understanding of the global business environment and the interconnectedness of cultural, political, legal, historical, economic, and ethical systems.

CTE COURSES:

International Business (HB1460) ♦

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course is an introduction to the factors and challenges involved in conducting business in the global marketplace. Emphasis will be placed on management, status, rules, relationships, marketing, and negotiations. International Business provides an introduction and overview of international business with a global perspective on international trade. Career preparation/foundation skills include personal, interpersonal, critical thinking and technology skills. Academic integration supports the content area skills of internal and external environments, channels of distribution, finance, communication and travel.

Global Marketing (HB1450) ♦

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 10

Global Marketing provides an overview of the culture of the culture of international marketing with a global perspective on international trade. Students will learn global marketing fundamentals as they apply to North, Central, and South America, Europe, Asia, Australia, and New Zealand, the Middle East, and Africa. Varying cultures, demographics, geography, and economics will be compared.

International Business Concepts (HB1471/2)

UC/CSU: None

Year Course; open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will gain an in depth understanding of international business and global trade. Students will develop knowledge in the cultural, social, political, legal, and economic factors and conditions that interact to create the international business environment.

ROP COURSES:

Global Marketing (HR6410) ♦

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 10

Global Marketing provides an overview of the culture of the culture of international marketing with a global perspective on international trade. Students will learn global marketing fundamentals as they apply to North, Central, and South America, Europe, Asia, Australia, and New Zealand, the Middle East, and Africa. Varying cultures, demographics, geography, and economics will be compared.

International Business (HR6420) ♦

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course is an introduction to the factors and challenges involved in conducting business in the global marketplace. Emphasis will be placed on management, status, rules, relationships, marketing, and negotiations. International Business provides an introduction and overview of international business with a global perspective

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on international trade. Career preparation/foundation skills include personal, interpersonal, critical thinking and technology skills. Academic integration supports the content area skills of internal and external environments, channels of distribution, finance, communication and travel.

Professional Business and Marketing Internship (HR1691/2) INT UC/CSU: None

Prerequisite: At least 10 credits with a “C” or better in Business, Entrepreneurship or Marketing coursework

Year course open to students completing grade 11/entering grade 12

Credits: 10 Maximum credits: 10

This course provides Business and Marketing pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

EDUCATION, CHILD DEVELOPMENT, AND FAMILY SERVICES

The Education Pathway provides students with the skills and knowledge they need to pursue careers in Education and related fields and emphasizes the preparation of students to become teachers, administrators and support personnel.

Child Development Pathway

The Child Development pathway is designed to prepare students to pursue a career in the field of child care and development for infants, toddlers, and young children. Students study child growth and development, safety and emergency procedures, nutrition and health practices, positive interaction and guidance techniques, learning theories, and developmentally appropriate practices and curriculum activities. Students apply this knowledge in a variety of early childhood programs, such as child development laboratories, public and private preschools, family day care settings, and recreational facilities. Students completing the program may apply for the Child Development Assistant Permit from the California Commission on Teacher Credentialing.

CTE COURSES:

Child Development (P) (HF1111/2)

UC/CSU: g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course introduces students to the history, philosophy and major theories of child growth and development. Students will study the physical, emotional and cognitive aspects of development from conception to early adolescence. Instruction includes the biological, hereditary and environmental influences on development together with methods of supporting and promoting optimum healthy growth.

Child Understanding and Observation (HF1460)

UC/CSU: None

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

This course prepares students to understand children and their physical, mental, emotional, and social growth. The course is designed to teach responsible parenting, effective interaction with children and prepare students for careers in child development and education.

ROP COURSES:

Child Development (P) (HR2161/2) ♦ Prerequisite: Biology

UC/CSU: g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students study the history, philosophy and major theories of child growth and development. Instruction includes the biological, hereditary and environmental influences on development together with methods of supporting and promoting optimum healthy growth.

Early Childhood Education I, Intro to (HR2151/2) ♦ INT

UC/CSU: None

Year course open to grades 11, and 12

Credits: 10 Maximum credits: 10

This course combines classroom instruction and internship in local pre-schools, home day care and child care centers. Students will receive instruction in child development, nutrition, guidance and recreation as they prepare for a career or advanced study in early childhood education. **TB test is required for all students.**

Early Childhood Education II (HR2191/2) ♦ INT

UC/CSU: None

Prerequisite: Early Child Education I

Year course open to grades 11, and 12

Credits: 10 Maximum credits: 10

Students will broaden the skills acquired in the introductory course during classroom instruction and internship. They will demonstrate proficiency in leading classroom activities, establishing age-appropriate expectations and evaluating developmental levels. **TB test is required for all students.**

Careers with Children with Special Needs (HR2140)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course prepares students to work with children with special needs in a school or child care facility. Students will learn to identify stages of child development and how developmental age relates to physical, emotional, cognitive and social skills. They will consider the legal issues governing the care of special needs children, review guidance strategies, classroom materials, safety, assessment, observation methods and techniques to enhance family/community involvement.

Professional Education Internship (HR2391/2) INT

UC/CSU: None

Prerequisite: At least 10 credits with a "C" or better in Education coursework

Summer School course open to students completing grade 11/entering grade 12

Credits: 10 Maximum Credits: 20

This course provides Child Development Pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

Education Pathway

CTE COURSES:

Careers in STEM Education (HF2381/82)

UC/CSU: None

Prerequisite: Careers in Education

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This year-long course offers a career exploration program where students gain first-hand experiences with teaching as a career, with a particular focus on developing the knowledge, skills, and abilities to pursue post-secondary study and professional preparation to teach Science, Technology, Engineering, and/or Math. Students learn about teaching strategies and gain practical experience by developing and teaching standards-based, hands-on math and science lessons to younger students in neighboring elementary schools. Units of study include the U.S. Education system, effective teaching strategies, human growth and development, teaching students with special needs, classroom management, lesson planning, and safety.

Educational Careers 1 (HF1800)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Educational Careers 1 is a one semester course that provides training to students who are interested in a career in education and about the role of the teacher and the art of K-12 instruction. Students will gain insight into the responsibilities of a teacher, child growth and development, safety, principles of effective instruction and assessment. This class will help prepare students for entry into college or university teacher training program or for employment as an instructional aide or AVID tutor.

Educational Careers 2 (HF1810) Prerequisite: Educational Careers 1

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: Maximum credits: 5

Educational Careers 2 provides advanced level employment skills concentrating on teacher readiness activities and resources. Emphasis is placed on the developmental levels and establishing age appropriate expectations and evaluations. Students will create and present lessons demonstrating proficiency in leading classroom activities and work with individuals or small groups on Math and English Language Arts activities. These activities will support the classroom teacher and the base instructional program. Students will be placed in a variety of settings within the elementary school.

ROP COURSES:

Careers in Education (P) (HR2381/2) ♦ INT

UC/CSU: g

Prerequisite: Child Development P

Year-long course open to grade 10, 11, 12

Credits: 10 Maximum Credits: 10

Careers in Education is a one year course that provides training to students interested in a career in teaching about the role of the teacher and the art of K – 8 instruction. Students will gain insight into the responsibilities of a teacher, child growth and development, safety, principles of effective instruction and assessment. They review grade level skills in Reading, Math and English Language Arts and learn the different methodologies, strategies and materials employed in the elementary classroom. It will prepare students for entry into college or university teacher training programs.

Child Development (P) (HR2161/2) ♦

UC/CSU: g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students study the history, philosophy and major theories of child growth and development. Instruction includes the biological, hereditary and environmental influences on development together with methods of supporting and promoting optimum healthy growth.

Professional Education Internship (HR2391/2) INT

UC/CSU: None

Prerequisite: At least 10 credits with a “C” or better in Education coursework

Summer School course open to students completing grade 11/entering grade 12

Credits: 10 Maximum Credits: 20

This course provides Education pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

ENGINEERING

Engineering is the art and science of applying scientific and mathematical principles, judgment, imagination, research, experience, and common sense to design and develop things that solve global problems and benefit society. Engineering students engage in an instructional program that integrates academic knowledge and hands-on technical skill development.

Engineering Design Pathway

The Engineering Design pathway offers classroom, laboratory, and hands-on contextual learning; project and work-based instruction; and leadership and interpersonal skills development that promotes college and career readiness.

CTE COURSES:

3-D Computer Aided Design (HT2971/2) ♦

UC/CSU: None

Year-long course open to grade 9, 10, 11, 12

Credits: 10 Maximum Credits: 10

This course is a one year Engineering Pathway course designed to prepare students for industry certification on 3D drafting software. The course introduces students to the fundamentals of 2D drafting and sketching. Students will master 3D modeling including sketching, assembly, and rapid prototyping in a variety of project-based applications. This course provides the student with an understanding of the engineering development process from concept through design to the final product.

Product Design Studio 1 (HT6111/2) ♦

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will learn to think as product designers through project based learning, presentations, discussions and critiques. In addition to hand sketching and sculpting techniques, various hand and machine tools as well as 3D printers will be utilized to create product prototypes.

Product Design Studio 2 (HT6121/2)

UC/CSU: None

Prerequisite: Product Design Studio 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course will provide students with further practice in developing design briefs and products that respond to product design challenges through project-based learning. Emphasis will be given to innovation, ergonomics, sustainability, universal design, usability, manufacturability, materials and aesthetic appeal. Students will prepare detailed drawings and illustrations using computer aided design techniques.

Architecture 1 (HT1881/2)

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Architecture 1 introduces a history of the development of architecture, basic concepts in the design and planning of a house, and methods and techniques used by architectural drafters.

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Architecture 2 (HT1891/2) Prerequisite: Architecture 1

UC/CSU: None

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Architecture 2 covers architectural drawing in greater depth and detail utilizing computer-aided drafting (C.A.D.) software. It introduces design concepts, techniques for developing presentation drawings, costs, methods for building a model house, and specification writing.

Drafting 1 (HT1411/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Drafting 1 presents an introduction to draftsmen's instruments and knowledge of drafting methods.

Drafting 2 (HT1421/2) Prerequisite: Drafting 1

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

In Drafting 2, advanced drafting skills are taught as well as the relationship of drafting to the engineer and to industry.

Drafting 3 (HT1431/2) Prerequisites: Drafting 2 or instructor approval

UC/CSU: None

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

Drafting 3 covers advanced techniques used by professional drafters, utilizing advanced computer-aided drafting (C.A.D.) software and the standards required by industry.

Pre-Engineering and Design (HT3071/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will be introduced to the engineering design process and how it is used to solve technological programs. Instruction will include a study of engineering and manufacturing systems, materials, processes and power sources. Students will use hand/computer generated sketching techniques and apply mathematical and scientific concepts to create original prototypes.

Intro to Design (P) (HT1591/2)

UC/CSU: f

Year-long course open to grades 9, 10, 11, and 12

Credits: 10 Maximum Credits: 10

This course is designed for the student interested in an engineering related field of study. The major focus of this course is to expose students to the design process, research and analysis, teamwork, various communication methods, engineering standards, and technical documentation. Through hands-on projects, students apply engineering standards while documenting their work in design. Students use industry standard 3D modeling software to help design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. The course assumes no previous knowledge, but students should be concurrently enrolled in mathematics and science courses. This course is identical to Intro to Engineering Design, with additional study in fine arts.

Intro to Engineering and Design (P) (HT3091/2)

UC/CSU: g

Year-long course open to grades 10, 11, and 12

Credits: 10 Maximum Credits: 10

This course is designed for the student interested in an engineering related field of study. The major focus of this course is to expose students to the design process, research and analysis, teamwork, various communication methods, engineering standards, and technical documentation. Through hands-on projects, students apply engineering standards while documenting their work in design. Students use industry standard 3D modeling software to help design solutions to solve proposed problems, document their work using an engineer's notebook,

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and communicate solutions to peers and members of the professional community. The course assumes no previous knowledge, but students should be concurrently enrolled in mathematics and science courses.

Principles of Engineering (P) (HT4091/2)

UC/CSU: g

Prerequisite: Intro to Engineering Design

Year-long course open to grades 11 and 12

Credits: 10 Maximum Credits: 10

The course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Used in combination with a team/collaborative approach, the course challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts.

Computer Integrated Manufacturing (P) (HT3101/2)

UC/CSU: g

Prerequisite: Intro to Engineering Design or Product Design Studio

Year course open to grades 11 and 12

Credits: 10 Maximum Credits: 10

Manufactured items are a part of everyday life, yet most students have not been introduced to the high tech, innovative nature of rapid prototyping and advanced manufacturing techniques. This course illuminates the opportunities related to understanding 21st century product design and manufacturing. Students learn about computer modeling, programmable machining using CNCs and CAM software; the use of robotics in manufacturing; and the principles and processes of manufacturing, and automation. Working in pairs and teams, students use 3-D computer software to solve design problems. They assess their solutions through the relationship of design, function and materials, modify their designs, and use prototyping equipment to produce 3-D models.

Computer Science Principles AP (P) (HT1991/2)

UC/CSU: g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum Credits: 10

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. This course can be a student's first course in computer science or a capstone course in an Engineering pathway. The course aligns with CSTA 3B standards and helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation.

Engineering and Design (P) (HT1531/2) Co-requisite: Algebra 1

UC/CSU: g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will learn the process of engineering design, as well as applications of electricity, electronics, mechanics, energy, and manufacturing processes. Engineering problems will be analyzed and students will design and exhibit original solutions through sketches and CAD drawings. Fundamental science and math concepts will be used to explain observations and solutions. Engineering-related careers and educational pathways will also be explored.

Engineering Design Studio (P) (HT1531/2)

UC/CSU: f

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 20

This Engineering Design Studio course provides students with studies in rapid visualization, aesthetics, materials and processes, presentation techniques, principles of design methodology, elements of art, product development, human factors, and prototyping. The curriculum provides students with a practical and theoretical perspective of

the visualization techniques used by contemporary product designers and engineers; including freehand sketching, digital rendering, information graphics, and presentation skills. Students develop and apply knowledge of elements, principles and concepts of art, design, aesthetics and refine their observational, analytical, and critical thinking skills. They learn a methodology for encouraging the creative problem solving process and the attainment of the requisite level of skills needed to express visual ideas with clarity in a peer review critique setting. This course will provide students with a dynamic design experience that enables personal, intellectual, and social growth in the area of communication through effective instruction of a broad knowledge base, discipline oriented skills, and progressive methodologies for creative problem solving as they are acquiring and applying technical skills essential to the engineering design pathway.

ROP COURSES:

3-D Computer Aided Design (HR2971/2)

UC/CSU: None

Year-long course open to grade 9, 10, 11, 12
Credits: 10 Maximum Credits: 10

3D Computer Aided Design is a one year Engineering Pathway course designed to prepare students for industry certification on 3D drafting software. The course introduces students to the fundamentals of 2D drafting and sketching. Students will master 3D modeling including sketching, assembly, and rapid prototyping in a variety of project-based applications. This course provides the student with an understanding of the engineering development process from concept through design to the final product.

Product Design Studio 1 (HR6111/2) ♦

UC/CSU: None

Year course open to grades 9, 10, 11, and 12
Credits: 10 Maximum credits: 10

Students will learn to think as product designers through project based learning, presentations, discussions and critiques. In addition to hand sketching and sculpting techniques, various hand and machine tools as well as 3D printers will be utilized to create product prototypes.

Product Design Studio 2 (HR6121/2)

UC/CSU: None

Prerequisite: Product Design Studio 1

Year course open to grades 10, 11, and 12
Credits: 10 Maximum credits: 10

This course will provide students with further practice in developing design briefs and products that respond to product design challenges through project-based learning. Emphasis will be given to innovation, ergonomics, sustainability, universal design, usability, manufacturability, materials and aesthetic appeal. Students will prepare detailed drawings and illustrations using computer aided design techniques.

Intro to Engineering and Design PLTW (P) (HR3091/2)

UC/CSU: g

Year-long course open to grade 9, 10, 11, and 12
Credits: 10 Maximum Credits: 10

This course is designed for the student interested in an engineering related field of study. The major focus of this course is to expose students to the design process, research and analysis, teamwork, various communication methods, engineering standards, and technical documentation. Through hands-on projects, students apply engineering standards while documenting their work in design. Students use industry standard 3D modeling software to help design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. The course assumes no previous knowledge, but students should be concurrently enrolled in mathematics and science courses.

Principles of Engineering PLTW (P) (HR4091/2)

UC/CSU: g

Prerequisite: Intro to Engineering and Design

Year-long course open to grade 10, 11, and 12
Credits: 10 Maximum Credits: 10

The course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study, such as robotics and structural design. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Used in combination with a team/collaborative approach, the course challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts.

Computer Integrated Manufacturing (P) (HR3101/2) UC/CSU: g

Prerequisite: Intro to Engineering Design or Product Design Studio

Year course open to grades 10, 11, and 12

Credits: 10 Maximum Credits: 10

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of rapid prototyping and modern manufacturing. This course illuminates the opportunities related to understanding 21st century manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation.

Solidworks Certification Preparation (HR2960) UC/CSU: None

Prerequisite: 3D Computer Aided Design or teacher recommendation

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 10

Students will review SolidWorks topics in order to prepare for the Certified SolidWorks Associate (CSWA) certification exam. They will apply their knowledge of fundamental engineering and design principles and practices to review SolidWorks concepts. These concepts will cover basic parts, assemblies and drawings. The SolidWorks SCWA certification is an industry standard and recognized certification. Through successful completion of this class, students will be prepared to take the certification exam; however, the exam is not given as part of this course.

Professional Engineering/Manufacturing Internship (HR3121/2) INT UC/CSU: None

Prerequisite: At least 10 credits with a “C” or better in Engineering coursework

Summer School course open to students completing grade 11/entering grade 12

Credits: 10 Maximum credits: 10

This course provides Engineering and Manufacturing pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

FASHION AND INTERIOR DESIGN

These courses prepare students with the knowledge, skills, and attitude necessary to pursue related careers and succeed in entry-level positions or pursue additional postsecondary education and training for technical and professional-level positions.

CTE COURSES:

Creative Crafts 1 (HF1240) UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Students learn skills and techniques to complete stitchery, quilting and creative textile boutique projects.

Fashion and Interior Design

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Creative Crafts 2 (HF1250) Prerequisite: Creative Crafts 1

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Students create original patterns for advanced craft projects and boutique items.

Fashion Design and Merchandising 1 (HF3150)◆

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5 This course covers all aspects of the fashion industry from the creative and artistic elements to business and retail. Study includes the history of the industry together with creative and technical design, marketing and merchandising.

Fashion Design and Merchandising 2 (HF3160)

UC/CSU: None

Prerequisite: Fashion Design and Merchandising 1

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

In this second course, students will further develop the sketching and garment construction skills acquired in Fashion Design and Merchandising I. They will examine fashion cycles, merchandising and the complexity of the fashion industry. Math skills will be utilized in the measuring and computation tasks associated with design projects. Apparel design and retail merchandising careers will also be analyzed.

Fashion Design and Merchandising 3 (HF3170)

UC/CSU: None

Prerequisite: Fashion Design and Merchandising 2

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

In this intermediate level course, students will build upon their hand sketching skills to create detailed original renderings that reflect their personal style. These sketches will be utilized as patterns for constructing their individual garments. Students will also be introduced to electronic sketching and illustration, producing original designs. Additional classroom topics include an overview of the fashion industry, fashion line promotion, retail and visual merchandising techniques.

Fashion Design and Merchandising 4 (HF3180)

UC/CSU: None

Prerequisite: Fashion Design and Merchandising 3

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

This course offers advanced instruction in hand-sketching and garment construction. Using **Fashion and Interior Design** electronic sketching and illustration software, students will create more refined fashion flats, illustrations, textile designs and merchandise presentations. The course also provides an overview of the global fashion production and assembly industry. Students will apply fashion, promotional and managerial skills as they produce a fashion showcase.

Fashion Design and History (P) (HF1601/2)

UC/CSU: f*

Prerequisite: Fashion Design and Merchandising 1 Instructor approval

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course includes the study and exploration of fashion as functional pieces of art. Students will learn aspects of two and three-dimensional design required to create original sketches, designs, and construct garments. This course also includes an in-depth perspective of fashion trends throughout history from ancient times to modern day and studies the influence of cultural, social, political, and economic factors on fashion design. Students will learn to distinguish how fashion design is linked to all academic disciplines and will explore various career opportunities that are related to fashion design and the fashion industry.

Fashion Technology 1 (HF1540)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Beginning with an overview of the history of fashion and discussion of the current industry, students study elements of design and principles of art. Fibers, fabrics, and textile chemistry are explored. Students learn basic garment construction techniques by completing basic projects and begin a portfolio of technique samples.

Fashion Technology 2 (HF1550)

UC/CSU: None

Prerequisite: Fashion Technology 1

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Students improve garment construction skills while learning advanced techniques. Alterations and clothing care are incorporated.

Interior Decorating (HF1270)

UC/CSU: None

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

Students are introduced to the principles and elements of design and how they influence living spaces. Housing options, home furnishing, space planning and color selection are studied to create various home environments.

HEALTH SCIENCE AND MEDICAL TECHNOLOGY

Health care accounts for over 11 percent of Orange County jobs, the largest sector of any industry, and health care jobs are expected to grow rapidly in Orange County through 2025. In fact, the health care sector is the fastest growing overall in both California and the United States. This sector sees a growing need for caring professionals, from allied health care workers to physicians.

Patient Care Pathway

CTE COURSES:

Biomedical Interventions PLTW (P) (HT4651/2)

UC/CSU: g

Prerequisite: Medical Core or Body Systems and Disorders

Year course open to grades 11 and 12

Credits: 10 Maximum Credits: 10

In this course, students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Occupational and Physical Therapy Aide (HT4591/2)

UC/CSU: None

Prerequisite: Body Systems & Disorders or Medical Core or Sports Medicine

Year course open to grades 11 and 12

Credits: 10 Maximum Credits: 10

This course is designed to prepare students for post-secondary employment as Occupational and Physical Therapy Aides and provide foundational knowledge and skills for students interested in post-secondary studies for future

careers as Occupational or Physical Therapy Assistants and Occupational or Physical Therapists. Students will learn anatomy and physiology, body mechanics, vital signs, reporting, charting, patient interaction skills, and the use of equipment and techniques to aid patients in injury prevention, rehabilitation, and in the development and improvement of daily living skills.

ROP COURSES:

Career Focus: Medical (HR4311/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Explore a wide variety of Health Science and Medical careers. Students will learn the requirements and opportunities for post-secondary study and develop a personal educational preparation and career plan. Topics include health and wellness, nutrition, human growth and development, body systems, diseases, medical terminology, and legal, ethical, and socioeconomic issues in health care.

Medical Core (P) (HR4641/2)

UC/CSU: g

Year-long course open to grades 9, 10, 11, 12

Credits: 10 Maximum Credits: 10

This course introduces students to diverse occupations in the medical/health field and to standards required of workers in the field. Medical Core includes instruction in the ethical and legal responsibilities of the health care worker, safety, medical terminology, human anatomy and physiology, body systems and mechanics, standard precautions and health and fitness. Also included are health care delivery systems, regulatory agencies, research, current technology, and socio-economic issues affecting health care. Students explore career opportunities in therapeutic, diagnostic, and supportive areas. Students gain practical hands-on experience in Vital Signs, Emergency Medical Care, First Aid and CPR. Reinforcement of key math, science, and computational skills needed for the health care professions and the National Healthcare Foundation Standards are included. Students will engage in classroom instruction as well as internship placement in a variety of Medical facilities where they will develop their skills in office operations, communications, patient reception, scheduling, medical coding, bookkeeping and insurance billing.

Body Systems and Disorders PLTW (P) (HR4671/2)

UC/CSU: g

Prerequisite: Medical Core

Year-long course open to grades 10, 11, 12 Prerequisite: Medical Core

Credits: 10 Maximum Credits: 10

Students in this course study human anatomy and physiology, normal body system functions, and diseases and disorders of those systems. The course also covers standards required of health care professionals, including ethical and legal responsibilities, safety, HIPAA (Health Insurance Portability and Accountability Act) rules, infection control, body mechanics, transporting duties, and advanced terminology. Learn about health care delivery systems, regulatory agencies, research, current technology, and socioeconomic issues affecting health care.

Biomedical Interventions PLTW (P) (HR4651/2)

UC/CSU: g

Prerequisite: Medical Core or Body Systems and Disorders

Year course open to grades 11 and 12

Credits: 10 Maximum Credits: 10

In this course, students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Sports Medicine (P) (HR4561/2)

UC/CSU: g

Prerequisite: Algebra I with grade C or better and Co-requisite: Biology

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course prepares students for the field of Sports Medicine. Students study anatomy, physiology and bodily systems and apply their knowledge within the area of Sports Medicine.

Occupational and Physical Therapy Aide (HR4591/2)

UC/CSU: None

Prerequisite: Body Systems & Disorders or Medical Core or Sports Medicine

Year course open to grades 11 and 12

Credits: 10 Maximum Credits: 10

This course is designed to prepare students for post-secondary employment as Occupational and Physical Therapy Aides and provide foundational knowledge and skills for students interested in post-secondary studies for future careers as Occupational or Physical Therapy Assistants and Occupational or Physical Therapists. Students will learn anatomy and physiology, body mechanics, vital signs, reporting, charting, patient interaction skills, and the use of equipment and techniques to aid patients in injury prevention, rehabilitation, and in the development and improvement of daily living skills.

Professional Medical Internship (HR4481/2) INT

UC/CSU: None

Prerequisite: 10 credits in Health Science and Medical pathway course work

Summer School course open to students completing grade 11/entering grade 12

Credits: 10 Maximum Credits: 20

This course provides Health Science and Medical pathway students the opportunity to apply foundational knowledge and skills in a clinical setting. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

HOSPITALITY, TOURISM AND RECREATION

The Hospitality, Tourism, and Recreation sector provides students with the academic and technical preparation to pursue high-demand and high-skill careers in these related and growing industries. The sector encompasses three distinct, yet interrelated, career pathways: Food Science, Dietetics, and Nutrition; Food Service and Hospitality; and Hospitality, Tourism, and Recreation.

Food Service & Hospitality Pathway

The Food Service and Hospitality pathway focuses on the key aspects of the industry. Students pursuing this career pathway benefit from in-depth, hands-on experiences that emphasize industry awareness; sanitation and safe food handling; food and beverage production; nutrition; hospitality management; and customer service.

CTE COURSES:

Culinary Essentials 1 (HF1520)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course introduces students to basic concepts of nutrition and food preparation. Weekly food laboratory experiences include but are not limited to meal planning, recipe interpretation, measuring techniques, safety and sanitation, breakfast foods, baking techniques, garde manger, and pasta and grains. Emphasis is placed on nutrition and how food habits and choices affect personal health and wellbeing.

Culinary Essentials 2 (HF1530) Prerequisite: Culinary Essentials 1

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This is an advanced course where students may continue the use of skills learned in Culinary Essentials 1. Students will study in depth nutrition principles, the use of specialized culinary equipment, exploration of career and advanced education options, and international cuisine.

ROP COURSES:

Career Focus: Hospitality & Tourism (HR4871/2)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course provides students with an overview of the diverse career opportunities in culinary, lodging, travel, tourism, and recreation. Students will learn the requirements and opportunities for post-secondary study and develop a personal educational preparation and career plan. Topics include hospitality development and trends; foodservice operations and management; the hotel and lodging industry; the diverse segments of travel and tourism; and careers in leisure, recreation and entertainment. The course also covers aspects of hospitality management, such as business structures and operations; human resources; accounting practices; legal and safety issues; and marketing, sales, and service.

Culinary Arts (P) (HR4811/2) ♦

UC/CSU: g

Year-long course open to grade 9, 10, 11, 12

Credits: 10 Maximum Credits: 10

Students will develop basic food preparation, customer service, and restaurant skills. Nutrition, food safety, and sanitation will be mastered. Students will learn about the Food Service and Hospitality Industry and explore a variety of careers. Students will be prepared to take the ServSafe Food Manager Certification Exam.

Event Catering 1 (HR4841/2)

UC/CSU: None

Prerequisite: Culinary Arts

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is an introduction to the food service and hospitality industry. Instruction includes industry regulations and practices for safe food handling along with basic food preparation and service techniques. Private catering and event planning will be covered.

Garde Manger (HR4870)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

In this course, students will plan, prepare and present cold foods while studying quality food preparation techniques. Instruction includes seasoning, time, temperature, sanitation, fruit/vegetable carving, safe food handling and expert presentation techniques. With an emphasis on design, students will create foods such as canapés, hors d'oeuvres, garnishes, decorated dishes, sauces, dressings and salads.

Principles of Baking (HR4880)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Students will be introduced to basic baking skills, principles and techniques. They will learn safe food handling practices and develop skills in culinary science and math. The course will focus on breads, pastries, sauces, pies, cookies and cakes as well as decoration and presentation.

Culinary & Restaurant Management (P) (HR4901/2) ♦ INT UC/CSU: g

Year course open to grades 10 and 11

Credits: 10 Maximum credits: 10

This is the first course in the ProStart Culinary Arts sequence of courses. ProStart is a two year, nationally recognized career-building program for students interested in culinary arts and management. During classroom presentations and food preparation labs, students will master the fundamental management and culinary skills needed for success in this field. Outside of their school schedule, students will begin mentored internship in a completion of the ProStart program, which includes two certification exams and a 400 hour internship, students are eligible for the National Restaurant Association sponsored ProStart Certification.

Advanced Culinary & Restaurant Management (P) (HR4911/2) ♦ INT UC/CSU: g

Prerequisite: Culinary & Restaurant Management

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

This is the final course in the ProStart Culinary Arts program. During the second year, emphasis is placed on the advanced culinary skills, customer relations and supervisory/management experiences. Students will continue their mentored internship. Upon successful completion of the ProStart two year program, which includes two certification exams and a 400 hour internship, students are eligible for the National Restaurant Association sponsored ProStart Certification.

ServSafe Certification (HR4790) UC/CSU: None

Prerequisite: Culinary Arts I or teacher recommendation

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

Students who take this course will be prepared for the ServSafe Food Safety Manager Certification Exam. This certification is recognized as a professional certification in the Food Service industry, administered by the National Restaurant Association Educational Foundation. If a student receives an A or B in this course and takes the ServSafe Exam, they are eligible to receive articulation credit at local community colleges in their Culinary Arts program.

Specialty Foods (HR4890) UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Specialty Foods introduces students to various ethnic and international foods. Students will become familiar with the geography, food history, customs, ingredients and preparation techniques of both US and world-wide regions. Kitchen organization, equipment skills, safe food handling, culinary science and math will be taught.

Professional Hospitality Internship (HR4821/2) INT UC/CSU: None

Prerequisite: 10 credits in Hospitality course work with a grade of "C" or better

Summer School course open to students completing grade 11/entering grade 12

Credits: 10 Maximum credits: 10

This course provides Hospitality pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industrial experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

INFORMATION AND COMMUNICATIONS TECHNOLOGIES

Technology and the growing complexity of businesses have expanded the need for employees who can analyze, design, and manage information. Skills for evaluating data, the ability to work with people, and clear communication are companion components for careers in information technology systems. Employment opportunities for technically and professionally trained persons are outstanding in this emerging career path. After mastering basic technology skills, students can select one of many specializations in the field of technology.

Software & Systems Development

Students in the Software and Systems Development pathway prepare for careers related to computer science that involve the design, development, implementation, maintenance, and management of systems that rely on software programs to satisfy the operational needs of modern organizations. Persons with expertise in systems development and programming are critical to support operations like electronic commerce, medical records management, retail sales and inventory management, digital entertainment, and the use of energy. Students who continue on the pathway in post-secondary studies find high-demand and high wages for high skilled professions such as computer programmers, software developers, e-commerce specialists, and web developers.

CTE COURSES:

Computer Essentials 1 (HB2010)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course emphasizes touch typing review, Microsoft Word basic application skills, Business Document formatting, and Basic Slide presentation with PowerPoint. This course will teach the students the skills needed to work in other high school classes and outside of high school in a work based environment.

Computer Essentials 2 (HB2020) Prerequisite: Computer Essentials 1

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Computer Essentials 2 emphasizes the use of Spreadsheet Software, Desktop Publishing with Word and Publisher, Advanced Presentation Software, Database Software, and Office Integrated Projects and Activities. This course is intended to be an advanced computer summary course.

ICT Essentials 1 (A+ Hardware) (P) (HT1001/2) ♦

UC/CSU: g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

ICT Essentials 1 is an introductory course designed to prepare students for employment as a computer repair technician. Instruction will include installing, operating, maintaining, servicing and upgrading computer hardware with a focus on architecture, central processing units, memory systems, peripherals, expansion cards and networking.

ICT Essentials 2 (A+ Software) (P) (HT2001/2) ♦

UC/CSU: g

Prerequisite: ICT Essentials 1 or instructor approval

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will continue to develop the skills acquired in ICT Essentials 1. Instruction will include a review of basic electronics, diagnosis and repair of computer systems, test equipment and tools, software installation/maintenance and troubleshooting.

Exploring Computer Science (HT0701/2) (P)

UC/CSU: g

Year-long course open to grades 9, 10, 11, 12

Credits: 10 Maximum Credits: 10

Exploring Computer Science consists of six units of study in the following areas: human-computer interaction, problem-solving, web design, programming, computing and data analysis, and robotics. The course is designed around a framework of both computer science content and computational practice. Assignments and instruction are contextualized to be socially relevant and meaningful for diverse students. Units utilize a variety of tools and platforms and culminate in collaborative final projects.

Computer Science Principles AP (P) (HT1991/2)

UC/CSU: g

Year course open to grades 10, 11, 12

Credits: 10 Maximum Credits: 10

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. This course can be a student's first course in computer science or a capstone course in an Engineering pathway. The course aligns with CSTA 3B standards and helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation.

Computer Science Applications AP (HT0711/2)

UC/CSU: g

Prerequisite: Computer Science and Software Engineering or Computer Science Principles

Credits: 10 Maximum Credits: 10 Open to grades 10, 11, 12

CSA focuses on further developing computational thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. The course curriculum is a College Board-approved implementation of AP Computer Science A.

Mobile Application Development (P) (HT2961/2)

UC/CSU: g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum Credits: 10

This course reinforces fundamental computer programming constructs and deepens student understanding of foundational computer science concepts such as variables and data structures, conditional and iterative logic and algorithms, and object oriented programming (OOP). The course will also introduce students to higher-level computer science concepts such as design patterns and the Model-View-Controller (MVC) software architectural pattern. Students will develop a series of engaging software applications for the iOS platform, and be able to test them in the Xcode Integrated Development Environment (IDE) Simulator as well as on actual iPads and iPhones.

Cybersecurity and Networking (HT2901/2)

UC/CSU: None

Year course open to grades 11 and 12

Credits: 10 Maximum Credits: 10

This course provides hands-on knowledge and skills in systems, data, networking, and security concepts. The course of study includes a series of experiential project based lessons related to business, project, and team communication skills. Advanced course work includes training in PC hardware and operating systems, Windows servers, networking, routing, security, and virtualization. Students can prepare for industry certifications.

Video Game Design 1 (HT1571/2 or HB1571/2) ♦

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This is an introductory course into the growing field of Video Game Design. Students learn the basic concepts of game design, together with a study of the technologies, tools and languages. Instruction will include hands-on experiences with 2D and 3D modeling and animation.

Video Game Design 2 (HT1581/2 or HB1581/2) ♦

UC/CSU: None

Prerequisite: Video Game Design I

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This is the second course in the Video Game Design program. Instruction includes the study of 2D & 3D game design concepts, technologies and programming, including 3D modeling, animation, scripting and production. Students will create a professional portfolio while developing intermediate skills and knowledge in game design, concept development, storyboarding, character development, and user interfaces.

Video Game Design and Development (HT1561/2) ♦

UC/CSU: None

Prerequisite: Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course enables students to develop the skills and abilities to learn and apply the core programming language skills necessary for game development and real-time 3D graphics programming.

Professional Information & Communication Technologies Internship (HT2981/2)

UC/CSU: None

Prerequisite: 10 credits in Computer Science or in ICT pathway course work

Year course open to grades 11 and 12

Credits: 10 Maximum Credits: 20

This course provides ICT and Computer Science pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

Web Design (HB1610)

UC/CSU: None

Semester course open to grade 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course introduces students to beginning level programming, graphics, and web page development.

Web Programming, Intro to (HB1630)

UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course introduces students to skills necessary to create dynamic web pages including HTML, JavaScript, and PHP/MySQL.

ROP COURSES:

Exploring Computer Science (HR0701/2) (P)

UC/CSU: g

Year-long course open to grades 9, 10, 11, 12

Credits: 10 Maximum Credits: 10

Exploring Computer Science consists of six units of study in the following areas: human-computer interaction, problem-solving, web design, programming, computing and data analysis, and robotics. The course is designed around a framework of both computer science content and computational practice. Assignments and instruction are contextualized to be socially relevant and meaningful for diverse students. Units utilize a variety of tools and platforms and culminate in collaborative final projects.

Computer Science and Software Engineering (P) (HR5161/2)

UC/CSU: g

Year-long course open to grades 10, 11, 12

Credits: 10 Maximum Credits: 10

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. The course aligns with CSTA 3B standards and helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber security, and simulation.

Cybersecurity and Networking (HR2901/2) **UC/CSU: None**

Year course open to grades 11 and 12
Credits: 10 Maximum Credits: 10

This course provides hands-on knowledge and skills in systems, data, networking, and security concepts. The course of study includes a series of experiential project based lessons related to business, project, and team communication skills. Advanced course work includes training in PC hardware and operating systems, Windows servers, networking, routing, security, and virtualization. Students can prepare for industry certifications.

A+ Certification Preparation (HR2940) **UC/CSU: None**

Semester course open to grades 9, 10, 11, and 12
Credits: 5 Maximum credits: 5

This course is designed to develop the computer technology competency needed to pass the A+ Certification Exam. A+ Certification validates foundation level skills needed for a career in PC support. Instruction includes hardware identification, installation of peripherals, preventative maintenance, software and operating systems, troubleshooting and an overview of basic networking.

ICT Essentials 1 (A+ Hardware) (P) (HR1001/2) ♦ **UC/CSU: g**

Year course open to grades 9, 10, 11, and 12
Credits: 10 Maximum credits: 10

ICT Essentials 1 is an introductory course designed to prepare students for employment as a computer repair technician. Instruction will include installing, operating, maintaining, servicing and upgrading computer hardware with a focus on architecture, central processing units, memory systems, peripherals, expansion cards and networking.

ICT Essentials 2 (A+ Software) (P) (HR2501/2) ♦ **UC/CSU: g**

Prerequisite: Computer Repair 1 or instructor approval

Year course open to grades 10, 11, and 12
Credits: 10 Maximum credits: 10

Students will continue to develop the skills acquired in ICT Essentials 1. Instruction will include a review of basic electronics, diagnosis and repair of computer systems, test equipment and tools, software installation/maintenance and troubleshooting.

Mobile Application Development (P) (HR2961/2) **UC/CSU: g**

Year course open to grades 10, 11, and 12
Credits: 10 Maximum Credits: 10

This course reinforces fundamental computer programming constructs and deepens student understanding of foundational computer science concepts such as variables and data structures, conditional and iterative logic and algorithms, and object oriented programming (OOP). The course will also introduce students to higher-level computer science concepts such as design patterns and the Model-View-Controller (MVC) software architectural pattern. Students will develop a series of engaging software applications for the iOS platform, and be able to test them in the Xcode Integrated Development Environment (IDE) Simulator as well as on actual iPads and iPhones.

Software Specialist (HR5171/2) **UC/CSU: None**

Year course open to grades 9, 10, 11, and 12
Credits: 10 Maximum credits: 10

Software Specialist students will learn to combine the functionality of Excel and Access to create integrated spreadsheets and databases. They will analyze data across applications, work with advanced queries, create and run macros, import/export objects and perform the integration techniques that link word processing, graphics, spreadsheet and database software.

Network+ and Server+ (HR5751/2) ♦

UC/CSU: None

Prerequisite: A+ Certification course or instructor approval

Year course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course is designed to prepare students for the Network+ and Server+ exams. Students will learn to install, configure and troubleshoot networking hardware, protocols and services with a broad vendor neutral foundation, proactive maintenance, diagnostic troubleshooting and disaster recovery of server hardware and software.

Robotics 1 (HR2461/2) ♦

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will explore the interaction of science and technology and learn how these concepts are applied in engineering, control systems and automation. Students will use inquiry, research, and design methods to solve problems, and construct robotic devices using industry-standard systems software and technology.

Robotics 2 (HR2471/2)

UC/CSU: None

Prerequisite: Robotics 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will continue to explore the interaction of science and technology and learn how more advanced concepts are applied in engineering, control systems and automation. Students will use inquiry, research, and design methods to solve problems, and construct robotic devices using industry-standard systems software and technology.

Video Game Design 1 (HR1541/2) ♦

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This is an introductory course into the growing field of Video Game Design. Students learn the basic concepts of game design, together with a study of the technologies, tools and languages. Instruction will include hands-on experiences with 2D and 3D modeling and animation.

Video Game Design 2 (HR1581/2) ♦ Prerequisite: Video Game Design 1

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This is the second course in the Video Game Design program. Instruction includes the study of 2D & 3D game design concepts, technologies and programming, including 3D modeling, animation, scripting and production. Students will create a professional portfolio while developing intermediate skills and knowledge in game design, concept development, storyboarding, character development, and user interfaces.

Professional Information & Communication Technologies Internship (HR2981/2)

UC/CSU: None

Prerequisite: 10 credits in Computer Science course work with a C or better

Year course open to grades 11 and 12

Summer School course open to students completing grade 11/entering grade 12

Credits: 10 Maximum Credits: 20

This course provides ICT and Computer Science pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication,

critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

MARKETING, SALES, AND SERVICE

The Marketing, Sales, and Service sector is designed to align career path course work with current and projected employment opportunities. Marketing includes the processes and techniques of transferring products or services to consumers and is a function of almost every business. It exists within an environment of rapidly changing technology, interdependent nations and economies, and increasing demands for ethical and social responsibility. For related courses, see “Business and Finance.”

Entrepreneurship and Innovation Pathway

Develop knowledge and skills common to entrepreneurs, who drive the market economy with startups, small businesses, and innovation. Course topics include the human characteristics vital for entrepreneurial thinking in a twenty-first-century global world. Entrepreneurial thinking may be applied to all industry sectors. The pathway develops the creativity and business knowledge and skills required for entrepreneurs, as well as intangible skills and knowledge such as innovation, product development, marketing, customer service, and sales.

CTE COURSES:

Entrepreneurship 1 (HB6311/2) ♦

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

In Entrepreneurship I, students will study the strategies and techniques of successful business ownership. They will learn how to identify and evaluate a prospective business opportunity, understand various business legal structures, small business budgeting, record keeping methods, staffing, marketing and promotion. Instruction will include an introduction to the elements of a business plan including marketing and technology.

Entrepreneurship 2 (HB6321/2) Prerequisite: Entrepreneurship 1

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

In this second course, students will broaden their knowledge and understanding of entrepreneurship and business operations. They will identify a business opportunity and develop business, marketing and technology plans. Students will select an appropriate legal structure, create a budget, set up a record keeping system and design plans for staffing, marketing, promotion and monitoring results.

Entrepreneurship and Business Innovation (P) (HB6331/2)

UC/CSU: g

Prerequisite: Intro to Sales and Marketing

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course combines the study of business and economic theories with practical applications from various perspectives within the business world. The history and study of financial markets and institutions are highlighted as financial issues facing citizens and government policy-makers in the United States and abroad are reflected in accessibility and equity. An in-depth study of the economy of the 21st century and aspects of marketing are examined as students think like entrepreneurs and take risks, be open to learning and be empowered to take control of their futures. Global competition, cost/benefit analysis, venture capital and ethics are highlighted throughout the year. Students will analyze marketplace needs that relate to changing technologies and economies, develop, design, and implement product prototypes, and write business plans in collaborative groups. Students

Marketing, Sales, and Service

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will receive hands on experience designing physical product prototypes with industry-standard 3D modeling software and 3D printers.

Marketing and Advertising Design for Entrepreneurs (HB1541/2) UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course covers principals and theories of marketing with a focus on retailing, wholesaling, new product design, advertising, and consumer behavior. Additionally, students will learn about market research and the elements of planning and operating a business.

Small Business Ownership/Entrepreneurship (HB1160) UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course is an introduction to small business ownership and management. The topics include: starting/buying a business, legal requirements, financing, franchising, marketing, human resource management, and business plans.

Marketing and Society (P) (HB1551/2) UC/CSU: g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course will give students a fundamental understanding of the relationship between marketing and popular culture. Marketing techniques, the elements of persuasion, and the effect on societal behavior will be studied. Particular focus will be given to the marketing strategies employed and the positive/negative effects of those strategies. Topics will include marketing to children, minorities, tobacco/alcohol, political, and charitable marketing. Complex ethical issues in marketing and their contribution to stereotypes, representation of gender, materialism, and over-consumption will be studied. Students will also reflect on the creation and expansion of markets via global marketing techniques, their positive and negative impacts on society, and corporate social responsibility.

Marketing (HB1530) UC/CSU: None

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

This course provides an overview of the principles of marketing. Emphasis is placed on retailing, wholesaling, new product decisions, pricing, promotions, advertising, consumer behavior, and E-commerce.

ROP COURSES:

Entrepreneurship 1 (HR6311/2) ♦ UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

In Entrepreneurship I, students will study the strategies and techniques of successful business ownership. They will learn how to identify and evaluate a prospective business opportunity, understand various business legal structures, small business budgeting, record keeping methods, staffing, marketing and promotion. Instruction will include an introduction to the elements of a business plan including marketing and technology.

Entrepreneurship 2: Virtual Enterprise (P) (HR6321/2) UC/CSU: g

Prerequisite: Entrepreneurship 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

In this second course, students will broaden their knowledge and understanding of entrepreneurship and business operations. They will identify a business opportunity and develop business, marketing and technology plans.

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Students will select an appropriate legal structure, create a budget, set up a record keeping system and design plans for staffing, marketing, promotion and monitoring results.

Marketing and Society (P) (HR1631/2)

UC/CSU: g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course will give students a fundamental understanding of the relationship between marketing and popular culture. Marketing techniques, the elements of persuasion, and the effect on societal behavior will be studied. Particular focus will be given to the marketing strategies employed and the positive/negative effects of those strategies. Topics will include marketing to children, minorities, tobacco/alcohol, political, and charitable marketing. Complex ethical issues in marketing and their contribution to stereotypes, representation of gender, materialism, and over-consumption will be studied. Students will also reflect on the creation and expansion of markets via global marketing techniques, their positive and negative impacts on society, and corporate social responsibility.

Career Focus: Business (HR6521/2)

UC/CSU: None

Year Course; open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course is an exploration of the various careers in the fields of business and service, including business administration, sales, marketing and hospitality. Students will learn the requirements and opportunities for post-secondary education and develop a personal career/life plan.

Entrepreneurship and Business Innovation (P) (HR6331/2)

UC/CSU: g

Prerequisite: Intro to Sales and Marketing

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course combines the study of business and economic theories with practical applications from various perspectives within the business world. The history and study of financial markets and institutions are highlighted as financial issues facing citizens and government policy-makers in the United States and abroad are reflected in accessibility and equity. An in-depth study of the economy of the 21st century and aspects of marketing are examined as students think like entrepreneurs and take risks, be open to learning and be empowered to take control of their futures. Global competition, cost/benefit analysis, venture capital and ethics are highlighted throughout the year. Students will analyze marketplace needs that relate to changing technologies and economies, develop, design, and implement product prototypes, and write business plans in collaborative groups. Students will receive hands on experience designing physical product prototypes with industry-standard 3D modeling software and 3D printers.

E-Commerce (HR6251/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This course provides instruction in the fundamental principles of E-commerce systems/technology as it relates to business and marketing. Students will study product, buyer behavior and customer service issues, develop marketing, merchant services and promotional strategies and create an E-Commerce website.

Accounting with QuickBooks (P) (HR3501/2) ♦

UC/CSU: g

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This course introduces students to the widely used accounting software developed by Intuit for small businesses and entrepreneurs. Students will learn accounting fundamentals and apply the knowledge and skills for numerous computerized business processes such as creating accounts, setting up customers, vendors, and products,

developing invoices and receipts, tracking income and expenses, managing accounts receivable and payable, and creating budgets and running reports.

Web Design and Development (HR5561/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will learn the basics of web site design including development and maintenance, creating frames, forms, cascading style sheets with HTML, graphics, sound and animation.

Computer Applications Specialist 1 (HR5181/2) ♦

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This competency-based course is the first of two that prepare students for entry-level jobs that require specialized skills, knowledge and attitudes associated with operating a personal computer. Using integrated computer programs and related office procedures, this course gives students competencies in word processing and electronic spreadsheet, preparing them for office positions such as, but not limited to, Word Processor, Data-Entry Operator, Secretary and Administrative Assistant.

Computer Applications Specialist 2 (HR5191/2) ♦

UC/CSU: None

Prerequisite: Computer Applications Specialist 1

Year Course; open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

This competency-based course is the second of two that prepare students for entry-level jobs that require specialized skills, knowledge and attitudes associated with operating a personal computer. Using integrated computer programs (widely used presentation and database software) and related office procedures, this course gives students competencies in graphics/presentation software and database administration. It prepares students for office positions like, but not limited to, Computer Data Entry Clerk, Secretary, Administrative Assistant and Database Administrator.

Professional Business and Marketing Internship (HR1691/2) INT

UC/CSU: None

Prerequisite: At least 10 credits with a “C” or better in Business, Entrepreneurship or Marketing coursework

Year course open to students completing grade 11/entering grade 12

Credits: 10 Maximum credits: 10

This course provides Business and Marketing pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

PUBLIC SERVICES

The Public Services sector provides a foundation for secondary students in government, public administration, public safety, legal, and human services. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in the industry.

Legal Practices

CTE COURSES:

Business and Personal Law (HB1130)

UC/CSU: None

Semester Course; open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

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This course is an introduction to the legal environment in which individuals and business operate. Emphasis is placed on the study of courts, individual rights, crimes, torts, contracts, sales, and business ethics.

ROP COURSES:

Law and Order 1 (P) (HR6731/2)

UC/CSU: g

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will be introduced to due process and the principles of our judicial system. Students learn the step-by-step process of initiating or defending a lawsuit and will undertake the analyses, preparation and presentation of both civil and criminal trial proceedings. Instruction will include the contents and preparation of a variety of legal documents and statutory filing procedures.

Law and Order 2 (HR6741/2) Prerequisite: Law and Order 1

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

Students expand their knowledge of due process and the principles of our judicial system. Instruction will include legal research techniques and the investigation of case law and legal precedents. Students participate in the presentation of cases as counsel, court officers, witnesses, judges, attorneys and jury. Instruction will also include the history of the U.S. Judicial System and the statutes and regulations that form the basis of the legal system.

Legal Careers 1 (HR6711/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

The Legal Careers 1 course is designed to introduce students to the legal field and the employment possibilities for office support personnel. Students will become familiar with the court system, legal terminology, information resources and the elements of legal procedure. They will identify various legal documents and learn how to create, format and file briefs and pleadings.

Legal Careers 2 (HR6721/2) Prerequisite: Legal Careers 1

UC/CSU: None

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

In Legal Careers 2, students will continue to build upon their acquired skills while using integrated legal software programs. Instruction will include elements of civil procedure, legal research, citations, calendar management, legal calculations including judgment interest and attorney billings, discovery concepts, appellate briefs, deposition summaries, current case law briefing and oral presentation skills.

Public Services Pathway

ROP COURSES:

Career Focus: Public Services (HR6471/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

Students will explore various careers in Public Services to prepare for advanced study and/or employment in this field. Instruction includes an introduction to first responder, EMT, fire service and police/criminal justice. At the conclusion of the course, students will be able to demonstrate CPR and patient care techniques for common traumatic injuries.

Crime Scene Investigation 1 (CSI) (HR6850)

UC/CSU: None

Prerequisite: Criminal Justice or Criminal Procedures/CSI

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

This course introduces students to the theory and practical application of forensic science. Instruction will emphasize the methods and protocol for the collection, preservation and analysis of evidence. Students will investigate latent fingerprints, fibers and textile evidence and biological evidence. Communication skills, report writing, presentation skills and the application of the scientific concepts are emphasized throughout this course.

Crime Scene Investigation 2 (CSI) (HR6860)

UC/CSU: None

Prerequisite: Crime Scene Investigation I

Semester course open to grades 10, 11, and 12

Credits: 5 Maximum credits: 5

Students further their study of the forensic concepts taught in Crime Scene Investigation I. Included will be an introduction to crime scene photography and the securing and analysis of DNA, impression, ballistics and computer evidence in a criminal investigation. Students will be introduced to case studies in order to understand how crime scene investigators use evidence to solve crimes and will have the opportunity to present their analysis and evidence in mock courtroom experiences.

Criminal Justice (P) (HR6391) ♦

UC/CSU: g

Semester course open to grades 9, 10, 11, and 12

Credits: 5 Maximum credits: 5

Students will investigate qualifications and requirements of various law enforcement occupations and learn the nature, history and philosophy of law enforcement. Other content area skills include constitutional law, policing issues and trends, court systems, trials, corrections and general aspects of law enforcement. Students who successfully complete this course will emerge with a realistic understanding of the opportunities for a career in criminal justice.

TRANSPORTATION

The Transportation sector is designed to provide a foundation in transportation services for all industrial technology education students in California. The pathways emphasize real-world, occupationally relevant experiences of significant scope and depth in Aviation and Aerospace Transportation Services, Collision Repair and Refinishing, and Vehicle Maintenance, Service, and Repair.

Systems Diagnostics, Services & Repair Pathway

ROP COURSES:

Automotive Performance and Customization 1 (HR7251/2)

UC/CSU: None

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

In Automotive Performance and Customization I, students will develop the skills to customize automobiles with aftermarket components. They will learn to expertly use hand and power tools, metal shaping and fabrication equipment to modify engines, electrical systems, tires, wheels, interior and exterior components. Classroom instruction will include the legal aspects of auto modification and restoration, safety and customer service.

Automotive Performance and Customization 2 (HR7261/2)

UC/CSU: None

Prerequisite: Auto Performance 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

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Students in Automotive Performance and Customization II will build upon the skills acquired in the previous course. Using aftermarket devices and fabricating custom parts, they will perform modifications of internal and external engine components, transmissions, suspension and brakes to enhance overall performance. Classroom discussions will center on applicable laws that regulate street-legal and off- road vehicle modification.

Automotive and Transportation Tech 1 (HR7131/2) ♦ **UC/CSU: None**

Year course open to grades 9, 10, 11, and 12

Credits: 10 Maximum credits: 10

This is an introductory course in automotive servicing and vehicle maintenance. In classroom and lab settings, students will learn about engine fundamentals, electrical, fuel, ignition, brake and steering systems as well as the diagnostic equipment and technology used in modern repair facilities.

Automotive and Transportation Tech 2 (HR7141/2) ♦ **UC/CSU: None**

Prerequisite: Auto and Trans Tech 1

Year course open to grades 10, 11, and 12

Credits: 10 Maximum credits: 10

In this intermediate level course, students will strengthen the skills acquired in Automotive and Transportation Technology 1. Instruction will include hand and power tooled, engine repair, lubricating, cooling, ignition and electrical systems, clutches, brakes and safety equipment.

Automotive and Transportation Tech 3 (HR7151/2) INT **UC/CSU: None**

Prerequisite: Auto and Trans Tech 2

Year course open to grades 11 and 12

Credits: 10 Maximum credits: 10

This capstone course is designed to reinforce the skills acquired in Automotive and Transportation Technology 1 and 2. Students will demonstrate their skills and knowledge of auto engines and related systems, hand and power tools, measuring devices and diagnostic instruments. Classroom instruction will be combined with internship in local auto repair facilities.

Professional Transportation Internship (HR7161/2) INT **UC/CSU: None**

Prerequisite: 10 credits in Transportation pathway course work

Summer School course open to students completing grade 11/entering grade 12

Credits: 10 Maximum Credits: 20

This course provides Transportation pathway students the opportunity to apply foundational knowledge and skills in a work-based learning environment. The course begins with classroom instruction that includes career exploration and guidance, workplace readiness, and 21st Century Skills such as communication, critical thinking, collaboration, creativity, and problem solving. On-site, supervised industry experience in the community is followed by a culminating classroom activity and final project involving reflection and portfolio development.

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English 1 (P)	HE0011/2	English	55
English 1 Honors (P)	HE0021/2	English	55
English 2 (P)	HE0111/2	English	56
English 2 Honors (P)	HE0121/2	English	56
English 3 (P)	HE0211/2	English	56
English 3 Honors (P)	HE0221/2	English	56
English 4 (P)	HE0311/2	English	58
English 4 (P) ERWC	HE0351/2	English	57
English A SE	HY0111/2	Special Education.....	91
English B SE	HY0211/2	Special Education.....	91
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	HY0331/2		
English D SE 1, 2	HY0421/2	Special Education.....	91
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English Language and Composition AP (P).....	HE0231/2	English	57
English Literature and Composition AP (P).....	HE0331/2	English	58
Entrepreneurship & Business Innovation (P).....	HB6331/2	Business/CTE.....	125
Entrepreneurship & Business Innovation (P).....	HR6331/2	ROP.....	127
Entrepreneurship 1.....	HB6311/2	Business/CTE.....	126

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Entrepreneurship 1.....	HR6311/2.....	ROP.....	127
Entrepreneurship 2.....	HB6221/2.....	Business/CTE.....	125
Entrepreneurship 2: Virtual Enterprise.....	HR6321/2.....	ROP.....	126
Environmental Science AP (P).....	HS0321/2.....	Science.....	73
European History AP (P).....	HH0411/2.....	History/SS.....	64
Event Catering 1.....	HR4841/2.....	ROP.....	118
Exploratory Art A/B (P).....	HA1091/2.....	Art.....	81
Exploring Computer Science (P).....	HT0701/2.....	Industrial Tech/CTE.....	121
Exploring Computer Science (P).....	HM0701/2.....	Math.....	69
Exploring Computer Science (P).....	HR0701/2.....	ROP.....	123
Fashion Design & Merchandising 1.....	HF3150.....	CTE.....	114
Fashion Design & Merchandising 2.....	HF3160.....	CTE.....	114
Fashion Design & Merchandising 3.....	HF3170.....	CTE.....	114
Fashion Design & Merchandising 4.....	HF3180.....	CTE.....	114
Fashion Design and History (P).....	HF1601/2.....	CTE.....	114
Fashion Tech 1.....	HF1540.....	CTE.....	115
Fashion Tech 2.....	HF1550.....	CTE.....	115
Film Studies and Appreciation (P).....	HA1631/2.....	Art.....	81
Forward 1.....	HE0611/2.....	English.....	58
Forward 2.....	HE0621/2.....	English.....	58
French 1 (P).....	HW1111/2.....	World Lang.....	75
French 2 (P).....	HW1121/2.....	World Lang.....	75
French 3 (P).....	HW1131/2.....	World Lang.....	75
French 4 (P).....	HW1141/2.....	World Lang.....	75
French Language AP (P).....	HW1161/2.....	World Lang.....	75
Functional Health Education SE.....	HY9521/2.....	Special Education.....	94
Functional Language Arts SE.....	HY9121/2.....	Special Education.....	94
Functional Life Skills Education SE.....	HY9621/2.....	Special Education.....	94
Functional Math SE.....	HY9221/2.....	Special Education.....	94
Functional Science SE.....	HY9421/2.....	Special Education.....	94
Functional Social Science SE.....	HY9321/2.....	Special Education.....	94
Garde Manger.....	HR4870.....	ROP.....	118
Geometry (P).....	HM0111/2.....	Math.....	67
Geometry Companion Class (P).....	HM0121/2.....	Math.....	67
Geometry SE.....	HY2501/2.....	Special Education.....	93
German 1 (P).....	HW1211/2.....	World Lang.....	75
German 2 (P).....	HW1221/2.....	World Lang.....	75
German 3 (P).....	HW1231/2.....	World Lang.....	75
German 4 (P).....	HW1241/2.....	World Lang.....	75
German Language AP (P).....	HW1261/2.....	World Lang.....	75
Global Marketing.....	HB1450.....	Business/CTE.....	105
Global Marketing.....	HR6410.....	ROP.....	105
Graphic Arts 1.....	HT1461/2.....	Industrial Tech/CTE.....	98
Graphic Arts 2.....	HT1471/2.....	Industrial Tech/CTE.....	98
Graphic Arts 3.....	HT1481/2.....	Industrial Tech/CTE.....	98
Graphic Arts 3.....	HR1691/2.....	ROP.....	100
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Graphic and Design 2.....	HR1411/2.....	ROP.....	100
Graphic Design 1 (P), The Art of.....	HR1301/2.....	ROP.....	99
Graphic Design 1 (P), The Art of.....	HT1661/2.....	Industrial Tech/CTE.....	98
Graphic Design 2 (P), The Art of.....	HR1311/2.....	ROP.....	99

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Graphic Design 2 (P), The Art of	HT1671/2	Industrial Tech/CTE.....	98
Handbell Choir & Hand Chimes Choir (P)	HU1351/2	Music.....	86
Health Education – State Requirement	HN0910/1/2	Science	71
Health Education – State Requirement SE	HY6700	Special Education.....	91
Heritage Spanish 1 (P)	HW1521/2	World Lang	75
Heritage Spanish 2 (P)	HW1531/2	World Lang	75
Human Geography AP (P)	HH0421/2	History/SS	65
ICT Essentials 1 (A+ Hardware) (P)	HR1001/2	ROP	123
ICT Essentials 2 (A+ Software) (P)	HR2501/2	ROP	123
ICT Essentials 1 (A+ Hardware) (P)	HT1001/2	Industrial Tech/CTE.....	120
ICT Essentials 2 (A+ Software) (P)	HT2001/2	Industrial Tech/CTE.....	120
Interior Decorating	HF1270	CTE	115
Intermediate Dance Choreography and Production (P).....	HN1041/2	Non-Dept.....	88
Intermediate Piano (P)	HU2411/2	Music.....	86
Intermediate Strings (P).....	HU2161/2	Music.....	87
International Business	HB1460	Business/CTE.....	105
International Business	HR6420	ROP	105
International Business Concepts.....	HB1471/2	Business/CTE.....	105
Intervention Math 9	HM0031/2	Math	66
Jazz Ensemble/Commercial Music (P)	HU2651/2	Music.....	87
Jewelry 1 (P)	HA1861/2	Art	81
Jewelry 2 (P)	HA1871/2	Art	81
Journalism 1 (P).....	HE1811/2	English	59
Journalism 2 (P).....	HE1861/2	English	59
Journalism 3 (P).....	HE1871/2	English	59
Journalism 4 (P).....	HE1881/2	English	59
Latin 1 (P)	HW1311/2	World Lang	76
Latin 2 (P)	HW1321/2	World Lang	76
Latin 3 (P)	HW1331/2	World Lang	76
Latin 4 Honors (P)	HW1351/2	World Lang	76
Law and Order 1(P).....	HR6731/2	ROP	129
Law and Order 2.....	HR6741/2	ROP	129
Leadership	HN0400	Electives.....	89
Legal Careers 1.....	HR6711/2	ROP	129
Legal Careers 2.....	HR6721/2	ROP	129
Library Science	HN0300	Electives	89
Life After High School 1	HF2010.....	Art	77
Life After High School 2	HF2020.....	Art	77
Macroeconomics AP (P)	HH0330	History/SS	63
Marketing	HB1530	Business/CTE.....	126
Marketing and Advertising Design for Entrepreneurs	HB1541/2	Business/CTE.....	126
Marketing and Society (P).....	HB1551/2	Business/CTE.....	126
Marketing and Society (P).....	HR1631/2	ROP	127
Medical Core	HR4641/2	ROP	116
Mexican American History (P)	HH0570	History/SS	65
Mexican American Literature and Culture (P).....	HE1590	English	60
Mobile Application Development (P)	HT2661/2	Industrial Tech/CTE.....	121
Mobile Application Development (P)	HR2961/2	ROP	123
Music Theory (P)	HU0301/2	Music.....	84
Music Theory AP (P).....	HU0351/2	Music.....	84
Music, The World of (P)	HU0401/2	Music.....	84

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Network+ and Server+	HR5751/2	ROP	124
NJROTC (Navy)	HP1161/2	PE	70
NJROTC (Navy).....	HN1301/2	Electives	89
Occupational and Physical Therapy Aide	HR4591/2	ROP	117
Occupational and Physical Therapy Aide	HT4591/2	Industrial Tech/CTE	115
Painting & Drawing 1 (P)	HA1411/2	Art	81
Painting & Drawing 2 (P)	HA1421/2	Art	82
Painting & Drawing 3 (P)	HA1431/2	Art	82
Peer Tutor	HC0201/2	Electives	77
Personal Finance.....	HB1180	CTE	104
Photography (P)	HA1031/2	Art	82
Photography 2 (P).....	HA0121/2	Art	82
Photography 3 (P).....	HA0131/2	Art	82
Physical Education (Grade 9)	HP1091/2	PE	70
Physical Education (Grades 10, 11, 12)	HP1101/2	PE	70
Physical Education Advanced Dance			
Choreography and Production	HP1061/2	PE	71
Physical Education Beginning Dance			
Choreography and Production.....	HP1051/2	PE	70
Physical Education Intermediate Dance			
Choreography and Production.....	HP1041/2	PE	70
Physical Science (P)(with a focus on Earth science).....	HS0141/2	Science	72
Physical Science SE	HY4201/2	Special Education	93
Physics (P).....	HS0211/2	Science	72
Physics 1 AP (P).....	HS0261/2	Science	72
Physics 2 AP (P).....	HS0271/2	Science	73
Physics C Electricity and Magnetism and Mechanics AP (P).....	HS0231/2	Science	73
Physics C Electricity and Magnetism AP (P).....	HS0251/2	Science	73
Physics C Mechanics AP (P).....	HS0241/2	Science	73
Pre-Algebra SE	HY2101/2	Special Education	93
Pre-Calculus (P)	HM0401/2	Math	68
Pre-Engineering and Design.....	HT3071/2	Industrial Tech/CTE	110
Preparation for Adult Living	HF1170	Art	78
Principles of Baking	HR4880	ROP	118
Principles of Engineering (P)	HR4091/2	ROP	112
Principles of Engineering (P)	HT4091/2	Industrial Tech/CTE	111
Probability & Statistics (P)	HM0510	Math	68
Probability and Statistics AP (P)	HM0521/2	Math	68
Product Design Studio 1.....	HT6111/2	Industrial Tech/CTE	109
Product Design Studio 1.....	HR6111/2	ROP	112
Product Design Studio 2.....	HT6121/2	Industrial Tech/CTE	109
Product Design Studio 2.....	HR6121/2	ROP	112
Professional Arts, Media and Entertainment Internship.....	HR1771/2	ROP	101
Professional Business and Marketing Internship.....	HR1691/2	ROP	128
Professional Education Internship.....	HR2391/2	ROP	107, 108
Professional Engineering/Manufacturing Internship.....	HR3121/2	ROP	113
Professional Hospitality Internship	HR4821/2	ROP	119
Professional Information & Communication Technology Internship.....	HR2981/2	ROP	124
Professional Information & Communication Technology Internship.....	HT2981/2	Industrial Tech/CTE	122
Professional Medical Internship.....	HR4481/2	ROP	117
Professional Transportation Internship.....	HR7161/2	ROP	131

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Psychology (P)	HH0530	History/SS	65
Psychology AP (P)	HH0541/2	History/SS	65
Publications	HE1711/2	English	60
Resource Center 09 SE	HY8211/2	Special Education	92
Resource Center 10 SE	HY8221/2	Special Education	92
Resource Center 11 SE	HY8231/2	Special Education	92
Resource Center 12 SE	HY8241/2	Special Education	92
Robotics 1	HR2461/2	ROP	124
Robotics 2	HR2471/2	ROP	124
Sculpture 1 (P)	HA1511/2	Art	83
Sculpture 2 (P)	HA1521/2	Art	83
Sculpture 3 (P)	HA1531/2	Art	83
ServSafe Certification	HR2960	ROP	119
Small Business Ownership/Entrepreneurship	HB1160	Business/CTE	126
Sociology (P)	HH0510	History/SS	65
Software Specialist	HR5171/2	ROP	123
SolidWorks Certification Preparation	HR2960	ROP	113
Spanish 1 (P)	HW1411/2	World Lang	74
Spanish 2 (P)	HW1421/2	World Lang	74
Spanish 3 (P)	HW1431/2	World Lang	74
Spanish 4 (P)	HW1441/2	World Lang	74
Spanish Language AP (P)	HW1481/2	World Lang	74
Spanish Literature AP (P)	HW1461/2	World Lang	74
Specialty Foods	HR4890	ROP	119
Speech 1	HE1611/2	English	60
Speech 2	HE1621/2	English	60
Speech 3	HE1631/2	English	60
Speech 4	HE1641/2	English	60
Sports Medicine (P)	HR4561/2	ROP	117
Stage Production (P)	HE1561/2	English	58
String Orchestra (P)	HU2201/2	Music	87
Studio Art 2D (Art Portfolio) AP (P)	HA1081/2	Art	84
Studio Art 3D (Art Portfolio) AP (P)	HA1291/2	Art	84
Studio Art Drawing (Art Portfolio) AP (P)	HA1071/2	Art	83
Study Skills	HN0500/1/2	Electives	89
Symphonic Marching Band (P)	HU2601/2	Music	88
Treble Choir (P)	HU1101/2	Music	85
Trigonometry (P)	HM0310	Math	67
United States Government and Politics (Civics) AP (P)	HH0230	History/SS	63
United States History (P)	HH0111/2	History/SS	63
United States History AP (P)	HH0131/2	History/SS	63
United States History SE	HY3201/2	Special Education	92
Varsity Choir (P)	HU1151/2	Music	85
Video Game Design 1	HR1541/2	ROP	124
Video Game Design 1	HB1571/2	Business/CTE	121
Video Game Design 1	HT1571/2	Business/CTE	121
Video Game Design 2	HB1581/2	Business/CTE	122
Video Game Design 2	HT1581/2	Business/CTE	122
Video Game Design 2	HR1581/2	ROP	124
Video Game Design and Development	HT1561/2	Industrial Tech/CTE	122
Vietnamese 1 (P)	HW1711/2	World Lang	75

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Vietnamese 2 (P)	HW1721/2	World Lang	75
Vietnamese 3 (P)	HW1731/2	World Lang	75
Vietnamese 4 Honors (P)	HW1751/2	World Lang	75
Vietnamese American History (P)	HH0580	History/SS	65
Visually Impaired Resource Room SE	HY8301/2	Special Education.....	92
Vocal Ensemble (P)	HU1301/2	Music.....	85
Web Design	HB1610	Business/CTE.....	98, 122
Web Design 2 (P)	HT1721/2	Industrial Tech/CTE.....	98
Web Design and Development	HR5561/2	ROP.....	99, 128
Web Programming, Intro to.....	HB1630	Business/CTE.....	122
Workability	HY7621/2	Special Education.....	92
World History (P)	HH0011/2	History/SS	63
World History AP (P)	HH0031/2	History/SS	64
World History Honors (P)	HH0021/2	History/SS	64
World History SE	HY3101/2	Special Education.....	93

HIGH SCHOOL LISTING

BY DEPARTMENT

ACADEMIC ELECTIVES

HC0301/2	Academy 09
HC0311/2	Academy 10
HC0501/2	Academy Class
HC1091/2	AVID 9 (P)
HC1101/2	AVID 10 (P)
HC1111/2	AVID 11/Junior Seminar (P)
HC0121/2	AVID 12/Senior Seminar (P)
HC0201/2	Peer Tutor

ART

HA1121/2	Art Appreciation and History AP (P)
HA1111/2	Art Appreciation and History (P)
HA1191/2	Art Crafts 1A/1B (P)
HA1221/2	Art Crafts 2 (P)
HA1231/2	Art Crafts 3 (P)
HA1131/2	Art Projects (P)
HA1841/2	Ceramics 1 (P)
HA1851/2	Ceramics 2 (P)
HA1311/2	Commercial Art 1 (P)
HA1321/2	Commercial Art 2 (P)
HA1331/2	Commercial Art 3 (P)
HA1041/2	Computer Graphics 1 (P)
HA1051/2	Computer Graphics 2 (P)
HA1061/2	Computer Graphics 3 (P)
HA1161/2	Digital Video/Film Production 1 (P)
HA1171/2	Digital Video/Film Production 2 (P)
HA1181/2	Digital Video/Film Production 3 (P)
HA1091/2	Exploratory Art A/B (P)
HA1631/2	Film Studies and Appreciation (P)
HA1861/2	Jewelry 1 (P)
HA1871/2	Jewelry 2 (P)
HA1411/2	Painting and Drawing 1 (P)
HA1421/2	Painting and Drawing 2 (P)
HA1431/2	Painting and Drawing 3 (P)
HA1031/2	Photography (P)
HA0121/2	Photography 2 (P)
HA0131/2	Photography 3 (P)
HA1511/2	Sculpture 1 (P)
HA1521/2	Sculpture 2 (P)
HA1531/2	Sculpture 3 (P)
HA1081/2	Studio Art 2D (Art Portfolio) AP (P)
HA1291/2	Studio Art 3D (Art Portfolio) AP (P)
HA1271/2	Studio Art Drawing (Art Portfolio) AP (P)
HA1621/2	The Art of Animation (P)

BUSINESS TECHNOLOGY

HB1201/2	Accounting 2
HB1191/2	Accounting Using Algebraic Concepts
HB1211/2	Accounting with QuickBooks (P)
HB1010	Advanced Word Processing
HB1211/2	Business Algebra 1 (P)
HB1221/2	Business Algebra 2 (P)
HB1130	Business and Personal Law
HB1141/2	Business Concepts
HB1151/2	Business Economics and Finance (P)
HB1370	Business, Introduction to
HB1970	Computer Applications 1
HB1980	Computer Applications 2
HB2010	Computer Essentials 1
HB2020	Computer Essentials 2
HB1640	Digital Photography, Introduction to
HB1620	Digital Video and Animation
HB6311/2	Entrepreneurship 1
HB6221/2	Entrepreneurship 2
HB6331/2	Entrepreneurship & Business Innovation (P)
HB1450	Global Marketing
HB1460	International Business
HB1471/2	International Business Concepts
HB1530	Marketing
HB1541/2	Marketing and Advertising Design for Entrepreneurs
HB1551/2	Marketing and Society (P)
HB1180	Personal Finance
HB1160	Small Business Ownership/Entrepreneurship
HB1571/2	Video Game Design 1
HB1581/2	Video Game Design 2
HB1610	Web Design
HB1630	Web Programming, Introduction to

ENGLISH/LANGUAGE ARTS

HE0721/2	CAHSEE English/Language Arts A
HE0731/2	CAHSEE English/Language Arts B
HE1511/2	Drama 1 (P)
HE1521/2	Drama 2 (P)
HE1531/2	Drama 3 (P)
HE1541/2	Drama 4 (P)
HE0341/2	Effective Communication
HE0011/2	English 1 (P)
HE0021/2	English 1 Honors (P)
HE0111/2	English 2 (P)
HE0121/2	English 2 Honors (P)

HE0211/2 English 3 (P)
 HE0221/2 English 3 Honors (P)
 HE0311/2 English 4 (P)
 HE0351/2 English 4 (P) ERWC
 HE0231/2 English Language and Composition AP (P)
 HE0331/2 English Literature and Composition AP (P)
 HE0611/2 Forward 1
 HE0621/2 Forward 2
 HE1811/2 Journalism 1 (P)
 HE1861/2 Journalism 2 (P)
 HE1871/2 Journalism 3 (P)
 HE1881/2 Journalism 4 (P)
 HE1590 Mexican American Literature and Culture (P)
 HE1711/2 Publications
 HE1611/2 Speech 1
 HE1621/2 Speech 2
 HE1631/2 Speech 3
 HE1641/2 Speech 4
 HE1561/2 Stage Production (P)
 HE1570 The Craft of Narrative and Plays (P)
 HE1580 The Craft of Poetry and Story (P)

ENGLISH/LANGUAGE DEVELOPMENT

HD0011/2 HD0021/2 ELD Basics
 HD0031/2 ELD Basics Content Vocabulary
 HD0111/2 HD0121/2 ELD A
 HD0131/2 ELD A Content Vocabulary
 HD0211/2 HD0221/2 ELD B
 HD0311/2 ELD C (P)

HISTORY/SOCIAL SCIENCE

HH0210 Civics (P)
 HH0220 Civics Honors (P)
 HH0560 Cultural Geography
 HH0310 Economics (P)
 HH0411/2 European History AP (P)
 HH0421/2 Human Geography AP (P)
 HH0330 Macroeconomics AP (P)
 HH0570 Mexican American History (P)
 HH0530 Psychology (P)
 HH0541/2 Psychology AP (P)
 HH0510 Sociology (P)
 HH0230 United States Government and Politics (Civics) AP (P)
 HH0111/2 United States History (P)
 HH0131/2 United States History AP (P)
 HH0580 Vietnamese American History (P)
 HH0011/2 World History (P)
 HH0021/2 World History Honors (P)
 HH0031/2 World History AP (P)

HOME ECONOMICS CAREERS AND TECHNOLOGY

HF2381/2 Careers in STEAM Education

HF1111/2 Child Development (P)
 HF1460 Child Understanding and Observation
 HF1240 Creative Crafts 1
 HF1250 Creative Crafts 2
 HF1520 Culinary Essentials 1
 HF1530 Culinary Essentials 2
 HF1800 Educational Careers 1
 HF1810 Educational Careers 2
 HF1601/2 Fashion Design and History (P)
 HF3150 Fashion Design and Merchandising 1
 HF3160 Fashion Design and Merchandising 2
 HF3170 Fashion Design and Merchandising 3
 HF3180 Fashion Design and Merchandising 4
 HF1540 Fashion Technology 1
 HF1550 Fashion Technology 2
 HF1270 Interior Decorating
 HF2010 Life After High School 1
 HF2020 Life After High School 2
 HF1170 Preparation for Adult Living

INDUSTRIAL TECHNOLOGY EDUCATION

HT2971/2 3-D Computer Aided Design
 HT1521/2 3D Printing (P)
 HT1881/2 Architecture 1
 HT1891/2 Architecture 2
 HT1651/2 Animation (P), The Art of
 HT1511/2 Animation 2, The Art of
 HT1521/2 Animation 3, The Art of
 HT4651/2 Biomedical Interventions (P)
 HT3101/2 Computer Integrated Manufacturing (P)
 HT0711/2 Computer Science Applications AP (P)
 HT1991/2 Computer Science Principles AP (P)
 HT2901/2 Cybersecurity and Networking
 HT1591/2 Design (P), Intro to
 HT1551/2 Digital Design & Publications
 HT1731/2 Digital Film 2 (P)
 HT1711/2 Digital Film and Web Design (P)
 HT1951/2 Digital Photography (P), The Art of
 HT1961/2 Digital Photography 2 (P), The Art of
 HT1411/2 Drafting 1
 HT1421/2 Drafting 2
 HT1431/2 Drafting 3
 HT1501/2 Engineering and Design (P)
 HT3091/2 Engineering and Design (P), Intro to
 HT1531/2 Engineering Design Studio
 HT0701/2 Exploring Computer Science (P)
 HT1461/2 Graphic Arts 1
 HT1471/2 Graphic Arts 2
 HT1481/2 Graphic Arts 3
 HT1661/2 Graphic Design 1 (P), The Art of
 HT1671/2 Graphic Design 2 (P), The Art of
 HT1001/2 ICT Essentials 1 (A+ Hardware) (P)
 HT2001/2 ICT Essentials 2 (A+ Software) (P)
 HT2961/2 Mobile Application Development (P)
 HT4591/2 Occupational and Physical Therapy Aide

HT3071/2 Pre-Engineering and Design
 HT4091/2 Principles of Engineering (P)
 HT6111/2 Product Design Studio 1
 HT6121/2 Product Design Studio 2
 HT2981/2 Professional Information &
 Communication Technology Internship
 HT1571/2 Video Game Design 1
 HT1581/2 Video Game Design 2
 HT1561/2 Video Game Design and Development
 HT1721/2 Web Design 2 (P)

MATHEMATICS

HM0611/2 Accounting Using Algebraic Concepts
 HM0261/2 Advanced Algebra and Trigonometry (P)
 HM0011/2 Algebra 1 (P)
 HM0021/2 Algebra 1P Companion Class
 HM0211/2 Algebra 2 (P)
 HM0231/2 Algebra 2/Trigonometry (P)
 HM0910 CAHSEE Math Prep
 HM0421/2 Calculus AB AP (P)
 HM0431/2 Calculus BC AP (P)
 HM0711/2 Computer Science A AP (P)
 HM1991/2 Computer Science Principles AP
 HM0701/2 Exploring Computer Science (P)
 HM0111/2 Geometry (P)
 HM0121/2 Geometry Companion Class (P)
 HM0031/2 Intervention Math 9
 HM0401/2 Pre-Calculus (P)
 HM0510 Probability and Statistics (P)
 HM0521/2 Probability and Statistics AP (P)
 HM0310 Trigonometry (P)

MUSIC

HU1201/2 A Capella Choir (P)
 HU2421/2 Advanced Piano (P)
 HU2501/2 Beginning Band (P)
 HU2101/2 Beginning Guitar (P)
 HU2401/2 Beginning Piano (P)
 HU2151/2 Beginning Strings (P)
 HU2171/2 Chamber Strings (P)
 HU2551/2 Concert Band (P)
 HU1251/2 Concert Choir (P)
 HU1351/2 Handbell Choir and Handchimes Choir
 (P)
 HU2411/2 Intermediate Piano (P)
 HU2161/2 Intermediate Strings (P)
 HU2651/2 Jazz Ensemble/Commercial Music (P)
 HU0301/2 Music Theory (P)
 HU0351/2 Music Theory AP (P)
 HU2201/2 String Orchestra (P)
 HU2601/2 Symphonic/Marching Band (P)
 HU0401/2 The World of Music (P)
 HU1101/2 Treble Choir (P)
 HU1151/2 Varsity Choir (P)
 HU1301/2 Vocal Ensemble (P)

PHYSICAL EDUCATION

HP1131/2 AJROTC (Army)
 HP1161/2 NJROTC (Navy)
 HP1061/2 PE Advanced Dance Choreography and
 Production
 HP1051/2 PE Beginning Dance Choreography and
 Production
 HP1041/2 PE Intermediate Dance Choreography and
 Production
 HP1091/2 Physical Education (Grade 9)
 HP1101/2 Physical Education (Grades 10, 11, 12)

SCIENCE

HS0311/2 Anatomy and Physiology (P)
 HS0011/2 Biology (P)
 HS0021/2 Biology Honors (P)
 HS0031/2 Biology AP (P)
 HS0111/2 Chemistry (P)
 HS0121/2 Chemistry Honors (P)
 HS0131/2 Chemistry AP (P)
 HS0321/2 Environmental Science AP (P)
 HN0910/1/2 Health Education – State Requirement
 HS0141/2 Physical Science (with a focus on Earth
 science) (P)
 HS0211/2 Physics (P)
 HS0261/2 Physics 1 AP (P)
 HS0271/2 Physics 2 AP (P)
 HS0251/2 Physics C Electricity and Magnetism AP (P)
 HS0231/2 Physics C Electricity and Magnetism and
 Mechanics AP (P)
 HS0241/2 Physics C Mechanics AP (P)

WORLD LANGUAGES

HW1111/2 French 1 (P)
 HW1121/2 French 2 (P)
 HW1131/2 French 3 (P)
 HW1141/2 French 4 (P)
 HW1161/2 French Language AP (P)
 HW1211/2 German 1 (P)
 HW1221/2 German 2 (P)
 HW1231/2 German 3 (P)
 HW1241/2 German 4 (P)
 HW1261/2 German Language AP (P)
 HW1311/2 Latin 1 (P)
 HW1321/2 Latin 2 (P)
 HW1331/2 Latin 3 (P)
 HW1351/2 Latin 4 Honors (P)
 HW1411/2 Spanish 1 (P)
 HW1421/2 Spanish 2 (P)
 HW1431/2 Spanish 3 (P)
 HW1441/2 Spanish 4 (P)
 HW1481/2 Spanish Language AP (P)
 HW1461/2 Spanish Literature AP (P)
 HW1521/2 Heritage Spanish 1 (P)

- HW1531/2 Heritage Spanish 2 (P)
- HW1711/2 Vietnamese 1 (P)
- HW1721/2 Vietnamese 2 (P)
- HW1731/2 Vietnamese 3 (P)
- HW1751/2 Vietnamese 4 Honors (P)

NON-DEPARTMENTAL ELECTIVES

- HN1061/2 Advanced Dance Choreography and Production (P)
- HN1291/2 AJROTC (Army)
- HN1051/2 Beginning Dance Choreography and Production (P)
- HN0100 Campus Service – Office
- HN0200 Campus Service – Teacher Assistant
- HN1041/2 Intermediate Dance Choreography and Production (P)
- HN0400 Leadership
- HN0300 Library Science
- HN1301/2 NJROTC (Navy)
- HN0500/1/2 Study Skills

SPECIAL EDUCATION

ENGLISH/LANGUAGE ARTS

- HY0111/2 English A SE
- HY0211/2 English B SE
- HY0321/2 HY0331/2 English C SE *1, *2
- HY0421/2 HY0431/2 English D SE *1, *2
- HY0521/2 HY0531/2 English E SE *1, *2

ELECTIVES

- HY6700 Health Ed-State Requirement SE
- HY8211/2 Resource Center 09 SE
- HY8221/2 Resource Center 10 SE
- HY8231/2 Resource Center 11 SE
- HY8241/2 Resource Center 12 SE
- HY8301/2 Visually Handicapped Resource Room SE
- HY7621/2 Workability

HISTORY/SOCIAL SCIENCE

- HY3400 Civics SE
- HY3500 Economics SE
- HY3201/2 United States History SE
- HY3101/2 World History SE

MATHEMATICS

- HY2301/2 Algebra 1A SE
- HY2401/2 Algebra 1B SE
- HY2501/2 Geometry SE
- HY2101/2 Pre-Algebra SE

PHYSICAL EDUCATION

- HY8101/2 Adapted Physical Education SE

SCIENCE

- HY4101/2 Biology SE
- HY4201/2 Physical Science SE

NON-DIPLOMA COURSES

- HY7721/2 Career/Vocational Education SE
- HY7821/2 Community-Based Instruction SE
- HY9521/2 Functional Health Education SE
- HY9121/2 Functional Language Arts SE
- HY9621/2 Functional Life Skills Education SE
- HY9221/2 Functional Math SE
- HY9421/2 Functional Science SE
- HY9321/2 Functional Social Science SE

REGIONAL OCCUPATIONAL PROGRAMS

Enrollment in ROP Career & Technical Education classes is open to students in 9th - 12th grade, offering pathways to high-skill, high-demand post-secondary college majors and careers. Upon successful completion of a sequenced program of study, students are deemed “college and career ready” with pathway certificates. Successful completion of ten credits from this department also satisfies the applied arts graduation requirement.

- HR2971/2 3-D Computer Aided Design
- HR2940 A+ Certification Preparation
- HR3501/2 Accounting with QuickBooks (P)
- HR1501/2 Animation 1 (P), The Art of
- HR1511/2 Animation 2, The Art of
- HR1521/2 Animation 3, The Art of
- HR7131/2 Automotive and Transportation Tech 1
- HR7141/2 Automotive and Transportation Tech 2
- HR7151/2 Automotive and Transportation Tech 3
- HR7251/2 Automotive Performance& Customization 1
- HR7261/2 Automotive Performance& Customization 2
- HR4651/2 Biomedical Interventions (P)
- HR4671/2 Body Systems and Disorders
- HR1371/2 Business Economics and Finance (P)
- HR6531/2 Career Focus: Arts, Media, & Entertainment
- HR6521/2 Career Focus: Business
- HR4871/2 Career Focus: Hospitality and Tourism
- HR4311/2 Career Focus: Medical
- HR6471/2 Career Focus: Public Services
- HR2381/2 Careers in Education (P)
- HR2140 Careers with Children with Special Needs
- HR2161/2 Child Development (P)
- HR5181/2 Computer Applications Specialist 1
- HR5191/2 Computer Applications Specialist 2
- HR1331/2 Computer Graphics/Layout
- HR3101/2 Computer Integrated Manufacturing (P)
- HR5161/2 Computer Science & Software Engineering (P)
- HR6850 Crime Scene Investigation 1 (CSI)
- HR6860 Crime Scene Investigation 2 (CSI)
- HR6391/2 Criminal Justice (P)

HR4901/2	Culinary & Restaurant Management (P)	HR2461/2	Robotics 1
HR4911/2	Culinary & Restaurant Management (P), Advanced	HR2471/2	Robotics 2
HR4811/2	Culinary Arts (P)	HR4790	ServSafe Certification
HR2901/2	Cybersecurity and Networking	HR2960	SolidWorks Certification Preparation
HR1351/2	Digital Design and Publishing 1	HR5171/2	Software Specialist
HR1361/2	Digital Design and Publishing 2	HR4890	Specialty Foods
HR1381/2	Digital Design and Publishing 3	HR4561/2	Sports Medicine (P)
HR1401/2	Digital Photography	HR1541/2	Video Game Design 1
HR1391/2	Digital Photography (P), Art of	HR1581/2	Video Game Design 2
HR1591/2	Digital Photography 2 (P), Art of	HR5561/2	Web Design and Development
HR6251/2	E-commerce		
HR2151/2	Early Childhood Education I, Intro to		
HR2191/2	Early Childhood Education II		
HR3091/2	Engineering and Design (P), Intro to		
HR6311/2	Entrepreneurship 1		
HR6321/2	Entrepreneurship 2: Virtual Enterprise (P)		
HR6331/2	Entrepreneurship & Business Innovation (P)		
HR4841/2	Event Catering 1		
HR0701/2	Exploring Computer Science (P)		
HR4870	Garde Manger		
HR6410	Global Marketing		
HR16911/2	Graphic Arts 3		
HR1341/2	Graphics and Design 1		
HR1411/2	Graphics and Design 2		
HR1301/2	Graphic Design 1 (P), The Art of		
HR1311/2	Graphic Design 2 (P), The Art of		
HR1001/2	ICT Essentials 1 (A+ Hardware) (P)		
HR2501/2	ICT Essentials 2 (A+ Software) (P)		
HR6420	International Business		
HR6731/2	Law and Order 1(P)		
HR6741/2	Law and Order 2		
HR6711/2	Legal Careers 1		
HR6721/2	Legal Careers 2		
HR1631/2	Marketing and Society (P)		
HR4641/2	Medical Core (P)		
HR2961/2	Mobile Application Development (P)		
HR5751/2	Network+ and Server+		
HR4591/2	Occupational & Physical Therapy Aide		
HR4880	Principles of Baking		
HR4091/2	Principles of Engineering (P)		
HR6111/2	Product Design Studio 1		
HR6121/2	Product Design Studio 2		
HR1771/2	Professional Arts, Media and Entertainment Internship		
HR1691/2	Professional Business and Marketing Internship		
HR2391/2	Professional Education Internship		
HR3121/2	Professional Engineering/Manufacturing Internship		
HR4821/2	Professional Hospitality Internship		
HR2981/2	Professional Information & Communication Technology Internship		
HR4481/2	Professional Medical Internship		
HR7161/2	Professional Transportation Internship		

Note: (P) indicates transcript code of a college preparatory course as defined by the UC/CSU system