

# Middle and High School



## 2022-23 COURSE CATALOG





# Course Description Catalog

## 2022-2023

### OUR MISSION

To be a quality educational system providing the resources for ALL students to reach their potential in mind, body and spirit.

### OUR VISION

To be America's benchmark for excellence in education

This High School Course Description Catalog describes Clovis Unified School District's curricular offerings for the 2022-2023 school year. Using these resources and with the support of their parents and counselor, students will be able to design their course schedule for the upcoming school year. Clovis Unified students are encouraged to select classes that are both interesting and challenging to them. Students should select courses that will best prepare them for post-secondary experiences and options.

This catalog provides basic planning information, so students can develop their class schedule based upon post-high school goals. Included in this booklet are the current graduation requirements as well as UC/CSU admission requirements. Each high school counseling staff is ready to assist students and parents in the development of a personalized four-year plan that takes these factors into consideration.

The Clovis Unified School District's commitment to parent involvement encourages and welcomes the continuous participation of parents during this planning process and throughout their student's high school years. Parents are vital partners in their student's high school success. Please call upon your school's educational staff whenever you are in need of assistance.

### NON-DISCRIMINATION STATEMENT

*The Clovis Unified School District prohibits discrimination, intimidation, harassment (including sexual harassment) or bullying based on a person's actual or perceived ancestry, color, disability, gender, gender identify, gender expression, immigration status, nationality, race or ethnicity, religion, sex, sexual orientation, or association with a person or a group with one or more of these actual or perceived characteristics. For questions or complaints, contact: Equity Compliance Officer - Norm Anderson, Deputy Superintendent, 1450 Herndon Avenue, Clovis, CA 93611, (559) 327-9000, NormAnderson@cusd.com; Title IX Coordinator - Shareen Crosby, Risk Manager, 1450 Herndon Avenue, Clovis, CA 93611, (559) 327-9000, SharenCrosby@cusd.com; Section 504 Coordinator - Wendy Karsevar, 1680 Herndon Avenue, Clovis, CA 93611, (559) 327-9400, WendyKarsevar@cusd.com.*

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# CLOVIS UNIFIED REQUIREMENTS FOR GRADUATION

IN ORDER TO GRADUATE FROM CLOVIS UNIFIED, STUDENTS MUST COMPLETE A TOTAL OF 230 CREDITS IN THE REQUIRED SUBJECT AREAS LISTED BELOW.

Required Subjects	Length of Time	Credits
<b>English/Language Arts</b>	4 Years	40
<b>Mathematics</b>	Minimum of 2 Years in High School to include: <ul style="list-style-type: none"> <li>• Math 1</li> <li>• Math 2 or Foundations of Math 2</li> </ul>	20
<b>Science</b>	2 Years of Science to include: <ul style="list-style-type: none"> <li>• 1 Year of Physical Science</li> <li>• 1 Year of Biological Science</li> </ul>	20
<b>History/Social Science</b>	3 Years of History/Social Science to include: <ul style="list-style-type: none"> <li>• 1 Year of World History</li> <li>• 1 Year of United States History</li> <li>• 1 Semester of United States Government</li> <li>• 1 Semester of Economics</li> </ul>	30
<b>Health</b>	1 Semester of Health	5
<b>Physical Education</b>	4 Years of Physical Education to include: <ul style="list-style-type: none"> <li>• 2 Years of Core PE</li> <li>• 2 Years of PE Elective (Grades 11/12 Only)</li> </ul>	40
<b>Academic Breadth</b>	2 Years of Any Combination Listed Below: <ul style="list-style-type: none"> <li>• World Language</li> <li>• Visual/Performing Art</li> <li>• CTE Course/Focus on College/Career Course</li> </ul> OR <ul style="list-style-type: none"> <li>• 1 Year of any of the Above Plus:               <ul style="list-style-type: none"> <li>○ An additional year of Science (3<sup>rd</sup> Year)</li> <li>○ An additional year of Math (3<sup>rd</sup> Year)</li> <li>○ 1 Year of English or Math Intervention</li> </ul> </li> </ul>	20
<b>Electives</b>	Any Additional Courses to complete the 230 Credit Requirement	55
<b>TOTAL CREDITS</b>		<b>230</b>

## ADDITIONAL REQUIREMENTS

### Physical Education:

- After the completion of 2 years Core PE, PE may be waived if students are enrolled in CART, ROP/CTE (2 period courses), CCCAP, or ROTC, as long as they have passed the Physical Fitness Training (PFT) during their 9th/10th grade years.
- Students who have successfully completed 2 years of Core PE and have an “impacted” schedule in their Junior/Senior year, may qualify for Directed Study PE.

### Senior Schedule:

- A Senior student must be enrolled in a minimum of FIVE courses, with at least two academic core classes during each semester.

# CLOVIS UNIFIED COLLEGE AND CAREER READINESS

## COUNSELING SERVICES

CUSD School Counselors are dedicated to helping every student reach their academic, career, and personal/social goals. Counselors work closely with students, parents, teachers, and administrators to assure that all students have the best opportunity to be successful in high school and beyond. Counselors maintain an “open door policy” for students and are typically available to meeting with students before and after school as well as during lunch.

**Guidance Curriculum** – Classroom guidance lessons are designed to assist students in achieving the desired competencies and to provide all students with the knowledge and skills appropriate for their development level. The guidance curriculum is presented systematically through 7-12 classrooms and group activities.

**Individual Student Planning** – School Counselors coordinate ongoing systematic activities designed to assist students individually in establishing personal goals and developing future plans.

**Responsive Services** – Responsive services are activities that address individual students’ immediate needs, usually necessitated by life events or situations and conditions in the students’ lives. These needs require counseling, consultation, referral, peer helping or information.

*Individual Student Academic Planning \* Course Registration \* Graduation and College Requirements \* Classroom Guidance Lessons \* College and Career Exploration \* Workshops \* Student and Parent Information Nights \* Test Administration and Interpretation \* Financial Aid and Scholarship Information \* Short Term Counseling Referrals for Academic and Personal Support Services \* Collaboration with Families, Teachers, Administrators, and Community*

## XELLO

*Xello* is an online college, and/or career planning management system for 6<sup>th</sup> through 12<sup>th</sup> grade students, parents, teachers, and counselors. It also provides resource tools for College Research, Career Assessment, Scholarship Search, SAT Preparation, and Resumes. Some of the Program features:

- Assessments: Matchmaker, Ability Profiler, Learning Styles, Personality
- Careers: Search for Careers, Career Selector, Military Careers
- Education: Search for Colleges/Majors Compare Schools, School Selector, Planning Timeline
- Financial Aid: Search, Selector, Federal Aid
- Employment: Employment Guide, Job Search, Resume Builder

# CAREER TECHNICAL EDUCATION (CTE) PATHWAYS

Career Technical Education (CTE) provides students with the academic and technical skills, knowledge and training necessary to succeed in future careers and to be a lifelong learners. CTE courses, programs and training focus on the technical and academic skills needed to attain and maintain high-skill, high-demand and high wage careers. A quality CTE experience offers opportunity for learning in College and Career Awareness, Career Exploration, and Career Readiness for students at a variety of grade levels.

Clovis Unified offers 20 different pathways with approximately 75 courses from the 13 career industry sectors. In addition to technical training and career foundations, the CTE courses also offer a wide range of additional educational benefits, including critical thinking development, technical literacy, public speaking skills, leadership development, and planning/organizational skills. Qualifying courses and course instructors also offer dual enrollment college credits, industry certification, and internships for students.

Clovis Unified wants its students to be college and career ready. Students need to be prepared for any post-secondary education and/or training experience. Students must also be able to effectively navigate pathways that connect education and employment to achieve a fulfilling, financially secure and successful career. (See CTE Section in this booklet for more detailed information).

## CENTER FOR ADVANCED RESEARCH & TECHNOLOGY (CART)

CART offers a half-day program for juniors and seniors. Students choose a career-focused lab that offers integrated curriculum which is project-based, features community involvement and use of technology. Students work in groups and interact with mentors from the community, all while making progress toward college and /or career readiness. (Refer to the CART Section in this catalog for more detailed information.)

## EARNING COLLEGE CREDIT

Clovis Unified offers a variety of ways students can receive college credit while in high school. The first is through Dual Enrollment, where students receive both high school credit and college credit for the same course. The second is through Concurrent Enrollment. Students are enrolled concurrently in high school and college taking separate classes at both institutions and receive ONLY college credit for those taken at the college. Both programs allow the student to be enrolled in courses at a local college while continuing their path through high school. Requirements vary. Specific programs are described below:

### **Current Courses that receive Dual Enrollment/Dual Credit**

- Career Technical Education (CTE) Courses are offered Dual Enrollment through Reedley College, Clovis Community College, Fresno City College and Butte College.
- CART has Dual Enrollment partnerships with local Community Colleges and Fresno State.
- Qualified students placed in Rhetoric and Composition at any of our high schools can receive English 1A or English 1B credit from Clovis Community College.

### **Clovis Community College Advantage Program (CCCAP)**

CCCAP students take two pre-identified transferable courses per semester at the Clovis Community College Campus (either International or Herndon sites). Students who successfully complete all four courses will earn 12 general education (GE) college credits and 20 high school elective credits. Classes are held on Monday, Wednesday, and Friday afternoons from 1pm to 3pm. Bus transportation is provided. Enrollment fees are waived, but students are responsible for purchasing their own college textbooks. Courses offered are limited to four specific classes: 1) Art 2 – Art Appreciation; 2) Psychology 2- General Psychology; 3) History 2 – Western Civilization to 1648; 4) Sociology 1A – Introduction to Sociology. Interested students must complete the CCCAP Packet and submit an Online application making sure to select “HS Enrichment”. Students should see their counselor for more clarification

To qualify students must meet the following requirements:

- Senior on-track for graduation with a 2.5 GPA or above
- Approval from parents, principal and high school counselor
- Must be enrolled in 4 classes at their high school

There are approximately 20-25 students enrolled in CCCAP at each high school.

### **Clovis Community College Summer Scholars Advanced College Academy (SSACA)**

The Summer Scholars Advanced College Academy offers future 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students the opportunity to enroll in summer courses at the Clovis Community College Center. Similar to the other programs mentioned above, enrollment fees are waived but students are responsible for purchasing their own textbooks and supplies. Students are allowed to complete up to two courses during the 6-week summer session and DUAL credit may be earned for ONE course during the summer session. (Ask your counselor for a list of eligible courses). For more information about eligibility and a complete list of courses offered, students can access the Summer Scholars Advanced College Academy Handout from their counselor. To qualify, students must meet the following requirements:

- Future sophomores with a minimum 3.0 GPA
- Future junior/senior with a minimum 2.5 GPA

### **Uni-track (Dual Enrollment)**

The Uni-track Program at California State University, Fresno allows dual enrollment for high school students, who can earn college credit while in an approved Uni-track course. Students can request a Fresno State Transcript upon completion of the coursework. High School and CTE teachers are eligible to apply to participate in the Uni-track program. There are minimal student fees for these courses.

Students in a Uni-track course will earn college credit, as long as they receive a grade of C or better in the class, which will be documented on a Fresno State transcript. Students must pay \$40 per Uni-track course and may not take more than two courses per semester. Grades earned become part of a student's permanent academic record.

Restriction for Uni-track Students:

Students may register for up to 8 units (2 courses) of academic credit per term. No student will be approved for additional units

Students must have a junior or senior standing at the high school

Students cannot earn both course credit and AP exam credit when they attend Fresno State. Students who plan to attend other colleges should inquire whether or not they accept Uni-track credit, as institutions vary in their acceptance policies.

### Current Unitrack Courses

Fresno State Class	Fresno State Class Description
ECON 40	Prin Microecon
ECON 50	Prin Macroecon
EHD 40	Careers in ED
FREN 1A	Elem French
HIST 11	Am Hist to 1877
HIST 12	Am Hist fr 1877
KINES 38	Intro Athl Train
MATH 11	Elem Statistics
MATH 75	Calculus I
MATH 76	Calculus II
MCJ 15	Intro Field Video
NUTR 53	Nutr + Health
PLSI 2	Amer Govt Instit
MCJ 17	Photojournalism
SPAN 1A	Elem Spanish
ESS 4	Environmental Science
Fin 30	Personal Financial Planning
MCJ 2	Media Writing

### **Advanced Placement Courses**

AP courses offer a challenging and stimulating educational experience for college-bound students. When compared to other high school courses, AP courses often take more time, require substantial effort, and provide an excellent opportunity for individual growth and accomplishment. Students learn essential time management and study skills often needed for college and career success. Research shows that students who take and succeed in AP courses are much more likely than their peers to complete a college degree on time. Placement into these courses require excellent grades and history of strong work ethic. Students who take an AP Course in Clovis Unified will receive a “weighted” grade for courses (C or better) which can elevate their overall GPA.

In May, it is expected that students take the corresponding AP exams, which are scored on a 5-point scale. Most major colleges and universities recognize the scores of 3, 4, or 5 and may award college equivalent credit. The amount and type of credit award varies by institution (see <https://apstudent.collegeboard.org/creditandplacement/search-credit-policies> for more specific information). Students who take AP courses send a signal to college admissions that they are serious about their education and that they are willing to challenge themselves with rigorous course work. Many colleges and universities report that a student’s AP experience favorably impacts admission decisions.

Clovis Unified currently has 28 approved AP Courses. Offerings vary at school sites and are not necessarily offered every year. There is currently a fee of \$101 per exam, due to College Board in November. However, financial assistance is available for those who qualify.

### **Clovis Community College Enrichment Program**

The Clovis Community College Educational Enrichment Program offers students in 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> grades an opportunity to enroll in college courses outside of their high school curriculum and receive college credit for up to two courses per semester. Completion of the Clovis Community Placement Test is required prior to enrolling in select courses. Enrollment fees are waived, but students are responsible for purchasing their own college textbooks. Transportation IS NOT provided, and students DO NOT receive high school elective credit for classes taken through the Educational Enrichment program. However, students have a wide range of courses to choose from and most of the classes are transferable to a CSU/UC campus. To qualify, students must meet the following requirements:

- 11<sup>th</sup> and 12<sup>th</sup> grade student who is on track for graduation and has a 2.5 minimum GPA; OR 10<sup>th</sup> grade student who is on track for graduation and has a 3.0 minimum GPA
- Approval from parents, principal, and high school counselor
- Enrollment in at least 4 classes at their high school.

Only College Credit will be earned through the Enrichment Program. This is not a Dual Enrollment opportunity.

# UNIVERSITY OF CALIFORNIA (UC) CALIFORNIA STATE UNIVERSITY (CSU) REQUIREMENTS FOR ADMISSION

The University of California consists of 9 undergraduate campuses located throughout the state. The minimum required GPA for the UC system is 3.0. Acceptance is based on a comprehensive review. Meeting the minimum requirement does not guarantee acceptance. The California State University system has 23 campuses located throughout the state. Acceptance into the CSU system is based on eligibility index calculated using GPA and SAT or ACT scores. The minimum GPA for acceptance is 2.0 (2.4 for non-resident). Meeting the minimum requirement does not guarantee acceptance.

ALL REQUIRED CLASSES MUST BE PASSED WITH A “C” OR BETTER AND MUST BE FOUND ON YOUR HIGH SCHOOL’S UC/CSU APPROVED COURSE A-G LIST.

Find Your School’s Approved A-G Course list at: <https://hs-articulation.ucop.edu/agcourselist>

## REQUIRED A–G CATEGORIES

### **Category A: History/Social Science** **2 years**

Two years of history/social science, including one year of world history, cultures, and geography, one year of US history or one-half year of US history, and one-half year of civics or American Government.

### **Category B: English** **4 years**

Four years of college-preparatory English that include frequent and regular writing and reading of classic and modern literature. No more than one year of ELD-type courses can be used to meet this requirement.

### **Category C: Mathematics** **3 years (4 years recommended)**

Three years of college-preparatory mathematics, that includes the topics covered in Math I, Math II and Math III. Math courses taken in the seventh and eighth grades may also be accepted if found to be equivalent to HS math courses.

### **Category D: Laboratory Science** **2 years (3 years recommended)**

Two years of laboratory science providing fundamental knowledge in 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.

### **Category E: Language Other than English (World Languages)** **2 years (3 years recommended)**

Two years of the same language other than English. Courses should emphasize speaking and understanding, and include instruction in grammar, vocabulary, reading, composition, and culture. Courses in languages other than English taken in the seventh and eighth grades may be used to fulfill part of this requirement if the high school accepts them as equivalent to its own courses.

### **Category F: Visual and Performing Arts** **1 year**

A single year-long approved arts course from a single VAPA discipline: dance, drama/theater, music, or visual art.

### **Category G: College Preparatory Electives** **1 year**

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).

SUBJECT	CUSD Graduation	Minimum A-G Course Requirement
History/Social Science	3 years	A - 2 years
English	4 years	B - 4 years
Math	2 years	C - 3 years through Math III
Science	2 years	D - 2 years including Biology, Chemistry or Physics
Language Other than English	1 year	E - 2 years
Visual/Performing Art	1 year	F - 1 year
Electives	55 credits	G - 1 year of G Elective – approved class
Health	1 semester	
Physical Education	4 years	

# 2022/2023 CLOVIS UNIFIED APPROVED A-G COURSES

## UNIVERSITY OF CALIFORNIA / CALIFORNIA STATE UNIVERSITY

(HP indicates UC Honors Course – Weighted Grade)

(P indicates UC/CSU Approved Courses)

### A - HISTORY

Ag Government P  
American Culture P  
American Government P  
AP European History HP  
AP Government & Politics HP  
AP Human Geography HP  
AP United States History HP  
AP World History HP  
US History P  
US History Honors HP  
World Geography/Cultures P  
World History P  
World History Honors HP\*

### B – ENGLISH

AP English Language & Comp HP  
AP English Literature & Comp HP  
Bible as Literature P  
College Comp & American Lit P  
Composition Through Careers HP  
Contemporary Cultural Lit & Comp P  
Contemporary Issues in Education HP  
Contemporary Issues in Literature P  
Creative Composition & Literature P  
CSU Expository Reading & Writing P  
English 9 P  
English 9 Honors P  
English 10 P  
English 11 P  
English 12 P  
Exploring Child & Adolescent Literature HP  
Expository English 12 Honors HP  
Film as Literature P  
Honors English 10 HP  
Mythology & Science Fiction P  
Pre AP English 2 P  
Rhetoric and Composition P  
World Lit & Composition P

### C - MATHEMATICS

Advanced Math P  
AP Calculus AB HP  
AP Calculus BC HP  
AP Computer Science A HP  
AP Statistics HP  
Math 1 P  
Math 2 P  
Math 2 Honors P  
Math 3 P  
Math 3 Honors HP  
Statistics and Probability P

### D - LABORATORY SCIENCE

Adv Interdisciplinary Science for Sustainable Ag HP  
Advanced Science Topics P  
Ag Biology P  
Allied Health Science P  
Allied Health Science 2 P  
Anatomy & Physiology P  
AP Biology HP  
AP Chemistry HP  
AP Computer Science Principles HP  
AP Environmental Science HP  
AP Physics 1 HP  
AP Physics C: Electricity & Magnetism HP  
AP Physics C: Mechanics HP  
Biological Links to Energy Environment P  
Biology Honors P  
Biology & Sustainable Ag P  
Biotechnology Accelerated & Research  
Chemistry P  
Chemistry & Agriscience P  
Chemistry Honors AB P  
Chemistry & Environmental Engineering: Water We Doing? P  
Clinical Anatomy and Physiology  
Environmental Science & Technology P  
Geology P  
Honors Engineering Design & Development  
Honors Environmental Sustainability HP  
Honors Principles of Engineering  
Integrated Physical Science P

Neuroscience P  
Physical Forensics Science P  
Physics P  
Physics & Technology P  
Zoology P

### **E - LANGUAGE OTHER THAN ENGLISH (LOTE)**

AP Chinese Language & Culture HP  
AP French Language & Culture HP  
AP German Language & Culture HP  
AP Spanish Language & Culture HP  
AP Spanish Literature & Culture HP  
Chinese 1 P  
Chinese 2 P  
Chinese 3 P  
Chinese 4 P  
French 1 P  
French 2 P  
French 3 P  
French 4 P  
German 1 P  
German 2 P  
German 3 P  
German 4 P  
Hmong 1 P  
Hmong 2 P  
Hmong 3 P  
Latin 1 P  
Latin 2 P  
Spanish 1 P  
Spanish 2 P  
Spanish 2 Honors P  
Spanish 3 P  
Spanish 3 Honors P  
Spanish 4 P  
Spanish/Native Speakers 1 P  
Spanish/Native Speakers 2 P

### **F - VISUAL & PERFORMING ARTS**

Advanced Studies in Media Communication Design P  
Advanced Technical Theater P  
Advanced 3-Dimensional Art Studies P  
AP Art History HP  
AP Music Theory HP  
AP Studio Art: Drawing HP  
Art 1 P  
Art 2 P  
Art 3 P  
Art and Design P  
Beginning Broadcasting P  
Building Information Modeling P  
Ceramics 1 P  
Ceramics 2 P  
Ceramics 3 P  
Chamber Orchestra P  
Chamber Singers P  
Concert Band P  
Concert Choir P  
Concert Orchestra P  
Dance 1 P

Dance 2 P  
Dance Repertory P  
Digital Filmmaking P  
Digital Media and Graphic Design P  
Digital Photography P  
Digital Photography II P  
Digital Video Production and Broadcasting P  
Drama 1 P  
Drama 2 P  
Drama 2 Technical Theater P  
Drama 3 P  
Drama 4 P  
Folklorico Dance I P  
Folklorico Dance II P  
Folklorico Dance III P  
Graphic Design P  
Honors Advanced Band P  
Introduction to Design 1, 2 P  
Introduction to Digital Photography P  
Introduction to Musical Theatre P  
Jazz Band P  
Mixed Choir P  
Multi-Cultural Studio Art P  
Multimedia Communication Design  
Performing Arts  
Photography 1 P  
Photography 2 P  
Photography 3 P  
Sculpture/3-D Design P  
Show Choir \*P  
Soprano Alto Choir P  
String Orchestra P  
Symphonic Band P  
Tenor/Bass Choir P  
The Art and History of Floral Design P  
Three-Dimensional Design 2 P  
Videography P  
Videography, Animation, & Multimedia P  
Vocal Ensemble 1 P  
Vocal Ensemble 2 P  
Vocal Ensemble 3 P  
Wind Symphony P  
Women's Ensemble P

### **G - ELECTIVE COURSES**

Accounting AB P  
Advanced Floral Design P  
Advanced Topics in Medicine P  
Advanced Topic in Medical Research P  
Ag Earth Science P  
Ag Economics P  
Agricultural Engineering II P  
Allied Health & Medical Wellness P  
AP Macroeconomics HP  
AP Microeconomics HP  
AP Psychology HP  
Applications Programming  
Art History P  
AVID 9 P  
AVID 10

AVID 11 P  
AVID 12 P  
Biochemistry P  
Business and Financial Services Internship P  
Careers in Child Development P  
Careers in Education P  
CDE Animal Science P  
Computer Aided Design and Engineering  
Culinary Arts  
Culinary Arts and Hospitality Management  
Economics A P  
Economics of Marketing and Advertising P  
Engineering 1 P  
Engineering 2 P  
Exploring Computer Science  
Farm to Table \*P  
Focus on College and Career  
Food Science P  
Food Science and Nutrition P  
Forensics P  
Forensics Research & Biotechnology P  
Global Economics & Finance P  
Health & Medical Wellness P  
Health Science and Medical Technology P  
Health Science Concepts P  
Honors Computer Integrated Manufacturing HP  
Hospitality Management P  
Information and Communication Technology P Innovation  
and Product Design P  
Interactive Game Design P  
Introduction to Business P  
Introduction to Emergency Medical Responders P  
Introduction to Finance P  
Journalism P  
Law & Order/Public Policy P  
Medical Careers  
Medical Health Careers P  
Medical Terminology P  
Money & Banking P  
MultiCraft Core Curriculum: Building Scaled Structures  
HP Peer Counseling  
Personal Finance P  
Pharmacy Tech P  
Plant Production Management P  
Product Development P  
Psychology P  
Psychology & Human Behavior P  
Rehabilitation Therapy & Careers P  
Robotics and Electronics P  
Sociology P  
Sports Medicine P  
Veterinary Science

# INTERSCHOLASTIC SPORTS, CO-CURRICULAR & NCAA ELIGIBILITY REQUIREMENTS

## ACADEMIC POLICIES FOR CO-CURRICULAR AND EXTRA-CURRICULAR PARTICIPATION

The Clovis Unified School Board establishes the following standards with the intention that any student participating in a co-curricular or extracurricular activity, grades 7-12, will maintain a grade point average for all classes and minimum progress toward high school graduation that demonstrates satisfactory course work. Each school site is directed to develop a plan to provide monitoring and assistance to individual students in order to satisfy these standards. The adoption of this policy concurrently satisfies the requirements of the California Education Code (Section 35160.5) and the California Interscholastic Federation (Bylaw 205).

### **Grade Point Average Requirement**

A student must earn at least a 2.0 grade point average in all enrolled classes for the prior grading period in order to participate in co-curricular activities. A student who fails to achieve at least a 2.0 grade point average will be placed on probation for the current grading period provided the student complies with the school's tutorial assistance program. A student who does not achieve at least a 2.0 grade point average during the probationary period shall not be allowed to participate in co-curricular and extracurricular activities in the subsequent grading period.

### **Progress Toward Graduation**

The following number of accumulated units toward high school graduation will be the standard for minimum achievement and continuing eligibility.

Sophomore, Fall Semester	55 units
Sophomore, Spring Semester	80 units
Junior, Fall Semester	110 units
Junior, Spring Semester	135 units
Senior, Fall Semester	165 units
Senior, Spring Semester	195 units

A student who does not accumulate the required number of units toward high school graduation may be placed on probation for the current semester. A student who does not achieve the necessary number of units by the end of the probationary semester shall not be allowed to participate in co-curricular and extracurricular activities in the following semester.

### **Written Notification**

The school will provide written notification whenever a student is placed on probation or becomes ineligible for co-curricular and/or extracurricular participation under the standards of this policy.

### **School's Tutorial Assistance Program**

The school site program must include a minimum of two hours of tutorial assistance (study table) at the intermediate school level and three hours at the high school level per week. Progress checks and parent communication should be included on a regular basis.

### **Summer School**

Summer school grades may be combined with grades from the last grading period in computing the grade point average to determine eligibility for the first grading period of the next school year.

### **End of Grading Period/Semester**

A school must declare students eligible, ineligible, or on probation on the same day following the close of the previous grading period. This date should be set to allow for accuracy in the issuance of grades and the determination of grade point averages.

### **Intermediate to High School**

Grades earned during the last grading period of the eighth grade must be used to determine probation/eligibility for the first grading period of the ninth grade. Performance in Summer School may determine student placement in some High School courses and eligibility in co-curricular programs.

### **Transfer Students**

A transfer student is subject to all the conditions of the grade point average requirement. If a transfer student is below the standards for accumulated units toward high school graduation, a school can implement a probationary period if the following conditions are met:

1. A written plan of coursework for the student to catch up on credits within twelve months (or the graduation ceremony for a senior) is developed. The plan is to be submitted to the Area Assistant Superintendent for approval.
2. The student must attend the Tutorial Assistance Program (weekly study table).
3. The student must circulate a progress report every two weeks. The report must show passing grades in all classes for an additional two weeks probation with at least a 2.0 grade point average.
4. The sequence of two-week probationary periods can be granted up through the twelve months of the education plan if conditions (2) and (3) are satisfied.

# INTERSCHOLASTIC SPORTS

Clovis Unified School District offers a wide range of interscholastic sports at all of our 5 comprehensive high schools as well as some of our alternative high schools and encourages all students to participate in interscholastic sports and extracurricular activities. Each athlete must meet the district eligibility standards and agree to the Student Athlete Code of Ethics. No student may participate in athletics with a grade point average lower than 2.0.

<b>Fall</b>	
<u>High School</u>	<u>Intermediate</u>
<b>Student Football</b>	<b>Student Football</b>
<b>Boys Cross Country</b>	<b>Boys Cross Country</b>
<b>Girls Cross Country</b>	<b>Girls Cross Country</b>
<b>Girls Volleyball</b>	<b>Girls Volleyball</b>
<b>Girls Tennis</b>	<b>Girls Tennis</b>
<b>Boys Water Polo</b>	<b>Boys Water Polo</b>
<b>Girls Water Polo</b>	<b>Girls Water Polo</b>
<b>Girls Golf</b>	<b>Girls Golf</b>
<b>Girls Gymnastics</b>	

<b>Winter Sports</b>	
<u>High School</u>	<u>Intermediate</u>
<b>Student Wrestling</b>	<b>Student Wrestling</b>
<b>Boys Basketball</b>	<b>Boys Basketball</b>
<b>Girls Basketball</b>	<b>Girls Basketball</b>
<b>Boys Soccer</b>	<b>Boys Soccer</b>
<b>Girls Soccer</b>	<b>Girls Soccer</b>
	<b>Girls Gymnastics</b>

<b>Spring Sports</b>	
<u>High School</u>	<u>Intermediate</u>
<b>Student Baseball</b>	<b>Student Baseball</b>
<b>Softball</b>	<b>Softball</b>
<b>Boys Track</b>	<b>Boys Track</b>
<b>Girls Track</b>	<b>Girls Track</b>
<b>Boys Volleyball</b>	<b>Boys Volleyball</b>
<b>Boys Swimming/Diving</b>	<b>Boys Swimming/Diving</b>
<b>Girls Swimming/Diving</b>	<b>Girls Swimming/Diving</b>
<b>Girls Badminton</b>	<b>Girls Badminton</b>
<b>Boys Tennis</b>	<b>Boys Tennis</b>
<b>Boys Golf</b>	<b>Boys Golf</b>

# NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

## DO YOU PLAN TO BE A COLLEGE ATHLETE?

Students planning to enroll in college as a freshman and play sports for a Division I or II school, must be deemed academically qualified by the NCAA Initial Eligibility Center. The Center ensures consistent interpretation of NCAA initial eligibility requirements for all prospective student athletes at all member institutions.

Obtaining complete information regarding athletic eligibility at the college level is the responsibility of the parent and student/athlete. Information is available online at <http://web3.ncaa.org/ecwr3/>. Applications are available online. Students should start this process in the spring of their junior year of high school. It is the student's responsibility to make sure the NCAA Eligibility Center has the following documents it needs to certify a student/athlete:

- A completed online Eligibility Center Application
- An "official" transcript sent directly from every high school attended
- ACT or SAT scores (students should request their scores be sent directly from College Board or ACT to the Eligibility Center)

To be eligible, students must do the following:

- Graduate from high school
- Complete the 16 core courses (see chart below)
- Earn an SAT combined score or ACT sum score that matches your core-course GPA (minimum of 2.0 for D2) on the full-qualifier sliding scale.

Listed below are the 16 core courses needed to qualify for either Division I or Division II colleges. For further information regarding required GPA and ACT/SAT test scores, or any other questions - go to <http://web3.ncaa.org/ecwr3/>.

Required Core Courses	Division I	Division II
English	4 years	3 years
Mathematics (Math I or higher)	3 years	2 years
Science (natural/physical) (1-year lab science required)	2 years	2 years
Social Science	2 years	2 years
Additional English, Math or Natural/Physical Science	1 year	3 years
Additional courses (Any area listed above, foreign language or comparative religion/philosophy)	4 years	4 years

# FOUR-YEAR EDUCATIONAL PLAN

Name \_\_\_\_\_ Date \_\_\_\_\_

This worksheet is designed to help a student develop a personalized educational program that will not only meet graduation requirements but also help maximize options and opportunities after graduation.

**My Post-High School Educational Goals are:**

**My Career Interests are:**

FOUR-YEAR PLANNING GUIDE				
SUBJECT	9th Grade (6 courses)	10th Grade (6 courses)	11th Grade (6 courses)	12th Grade (6 courses)
History/ Social Science	Health /Elective	World History / AP World History	U.S. History / AP US History	Gov-Econ AP Gov/AP Econ
English	English / Honors English 9	English / Honors English 10	English/ AP Language & Composition	English/ AP Literature & Composition
Mathematics	Math 1	Math 2	Math 3	
Science	Bio/Bio Honors	Chem/Chem Honors	Physics/Anatomy AP Science	
Language Other Than English (LOTE)				
Visual & Performing Arts				
P.E.	PE Core	PE Core	PE Elective	PE Elective
CTE Pathway/Electives				

SUBJECT – CUSD Requirements		
History/Social Science	3 years	A - 2 years
English	4 years	B - 4 years
Math	2 years	C - 3 years through Math 3, 4 recommended
Science	2 years	D - 2 years including Biology, Chemistry or Physics
Language Other Than English (LOTE)	1 year	E - 2 years, 3 recommended
Visual/Performing Arts	1 year	F - 1 year
Electives	55 credits	G - 1 year of G Elective approved class
Health	1 semester	
Physical Education	4 years	

Clovis Unified believes that homework serves many important purposes and is a reinforcement of classroom learning. Students should plan to spend a minimum of one-half hour per night, per class, on homework in an environment free from distraction. Students enrolled in AP classes may have more than one-half hour of homework per night and should carefully plan their schedule and selection of courses, accordingly.

# ACADEMIC POLICIES

## **Changing, Adding, and Dropping Courses**

CUSD Counselors and Administrators have dedicated significant efforts to ensure students are enrolled in the most appropriate courses upon consideration of the student's post-secondary goals. Prior to selecting their courses, each student has met with a teacher from each academic discipline to discuss individual course recommendations.

Additionally, counselors have given classroom presentations detailing both graduation requirements and college admissions requirements/expectations to assist students in selecting the most appropriate schedules based on their individual pursuits. Finally, counselors meet one-on-one with each student to review their course selection. Significant Master Schedule and Staffing decisions have been made based on Spring course selection of CUSD students. Please check with your individual Counseling Departments for their procedures on Changing, Adding, and Dropping Courses.

## **Course Identification**

- **(P) Courses:** These courses are considered College Preparatory. They have been approved through the UC/CSU system and are placed in the appropriate category on the school's A-G list.
- **Honors Courses:** Most Honors courses are also designated with a (P). The course is meant to be more rigorous than the regular course.
- **UC Approved Honors Courses:** Courses identified with an (HP) are approved as UC/CSU Honors courses and will receive an extra grade point in their GPA.
- **AP Courses:** Clovis Unified currently has 28 Advanced Placement (AP) courses, which are also identified as (HP). The curriculum is designated by College Board and is very rigorous. If passed with a C or better, students will receive an extra grade point weight in their GPA.
- **(DE) Dual Enrollment Courses:** Courses where both college and high school credit is awarded.

## **Credit Recovery**

Students who need to make up a failing grade may have the option at their school site to attend a credit recovery class. (See counselor for details)

## **Early Graduation: Students may graduate early provided they complete the following steps**

- Petition for early graduation (Board Policy 6461.1) before May 1<sup>st</sup> of the school year prior to the early graduation date. (See Counselor for assistance)
- Complete all CUSD required academic core courses required for graduation.
- Complete 30-35 credits of PE including 20 credits of Core PE.
- Have no outstanding obligations or fees from CUSD or any school from which they transferred.

## **Finals Policy**

Each high school will follow the policy specific to their campus. Please consult with site student handbook.

## **Impacted Schedule**

Participation in Band, Color Guard, Choir, Drama, Forensics, Leadership, Peer Counseling, AVID, JROTC, CTE Pathways, CCCAP Program, and/or Advanced Placement (AP) classes may "impact" a student's schedule – creating the need to find room in their schedule.

## **Incomplete Grade (INC)**

A semester incomplete (INC) grade may be issued by a teacher, with administrative approval, when a student has not completed the course requirements due to an extended absence or extenuating circumstances. The student will have up to six weeks to complete the required work and receive a passing grade. An incomplete grade not resolved by that time will be changed to an F.

## **Maximum Credit Guidelines**

- A regular schedule consists of six classes (30 credits per semester).
- Students may take additional credits per semester through a combination of regular schedule, CART, CTE, credit recovery, etc., with counselor permission.
- Students may request to take up 45 credits with Site approval.
- Credits beyond 45 per semester require District Administrative approval.

## **Repeating a Course**

A student may petition to improve a D or F grade by repeating the course, with their Counselor's permission

- A grade of C- or higher may not be repeated.
- A course may not be repeated if a more advanced course in the same subject area has been taken.
- Grades received for the repeated course will appear on the transcript (higher or lower) and will be calculated into the GPA. The original attempt will appear on the transcript with a 0 in the attempted & earned credit columns.
- A student who repeats a course will not be considered for Valedictorian at graduation if the revised GPA is 4.0.

## **Progress Reports / Final Report Card**

Three report cards are issued per semester - at six weeks, at twelve weeks, and at eighteen weeks. All report cards, (six & twelve-week progress/deficiency grade reports and 18-week (semester) grades) will be communicated to parents/guardians.

## **Summer School**

- Students who meet the qualifications can take up to 10 credits in Summer School, with the exception of incoming Seniors. They can take up to 15 credits in Summer School.
- Students who received a D or F in English, Math or PE Core must make up the grade in Summer School in a 4-day week Face-to-Face Class.
- Students may take a maximum of 1 year of PE Core/Elective for original credit during Summer School
- Students may take only 1 year of Social Science for original credit in Summer School.
- Students can make up a grade of D or F only. Grades of C- or above may not be repeated in Summer School.

## **Transcript Information**

- Transcript Information Class Rank (ranked after 7th Semester): This is an optional field on the student transcript that may be included/excluded for college applications based upon student/parent preferences. The Governing Board acknowledges the usefulness of and authorizes a system of computing grade point averages and class ranking. The objectives are to: (1) provide information for school and district awards, and (2) provide employers and institutions of higher learning a predictive device so students are placed in the appropriate environment conducive to success. The Governing Board recognizes the value of curricular subjects and wishes to honor many students for their academic success. Therefore, class rank shall be computed by the grades earned in Board-approved courses.

- A student's grade point average and both a non-weighted and weighted class rank (OPTIONAL) shall be entered on the student record and shall be subject to the Governing Board's policy on release of student records. The weighted class rank is provided as a service to assist students in college admission but is not used within the CUSD system to identify Valedictorian or Salutatorian status. A weighted class rank may be used by individual high school sites to identify students for special awards of distinction.
- Computing Grade Point Average: A student receives five semester credits or units for each class during a semester in which a passing grade (A, B, C, D, P) is earned. No credit is awarded at the six-week or twelve-week report cards. Grades at those times are progress reports to the student and parent. The cumulative grade point average is computed by awarding grade points (A=4, B=3, C=2, D=1, F=0) for all classes with the exception that the scale (A=5, B=4, C=3, D=1) is used for classes that the District submits to the University of California for the awarding of an extra grade point (Advanced Placement courses). The class rank for graduating seniors is based upon the cumulative grade point average for seven semesters.
- Parchment: Through Parchment, CUSD students now have the ability to request their transcripts be sent electronically. Check with your high school Counselor or Registrar for the procedure.

### **Withdraw Fail (WF)**

A student may initiate the dropping of a class, without penalty, until the end of the fourth week of each semester. After that date, withdrawal may result in a "WF" grade on the student's transcript that will be computed in their overall GPA, as an F.




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# HIGH SCHOOL COURSE DESCRIPTIONS

<b>LEGEND</b>			
<b>BHS</b>	Buchanan High School	<b>AB</b>	Year-long Course
<b>CEHS</b>	Clovis East High School	<b>A</b>	Semester Course
<b>CHS</b>	Clovis High School	<b>(P)</b>	Meets UC/CSU Admissions Requirement
<b>CNHS</b>	Clovis North High School	<b>(P*)</b>	Pending UC/CSU Admissions Approval
<b>CWHS</b>	Clovis West High School	<b>(HP)</b>	UC/CSU Honors Course – Receives Extra Grade Weight
<b>CCDS</b>	Clovis Community Day School	<b>(H)</b>	Clovis Unified Honors Course
<b>COS</b>	Clovis Online School	<b>CTE</b>	Career Technical Education Course
<b>E</b>	Enterprise High School	<b>CART</b>	Center for Advanced Research and Technology Course
<b>GHS</b>	Gateway High School	<b>ROP</b>	Regional Occupational Program Course (2 periods)
		<b>DE</b>	Dual Enrollment

# ART - PERFORMING ARTS

## DANCE

### Band / Color Guard AB

Course # 88220

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Audition  
**Location:** BHS, CEHS, CNHS, CWHS

Dance Color Guard AB exposes students to skills in a wide variety of dance areas such as ballet, jazz, and modern, as well as teaches students to coordinate body movement through dance with the manipulation of specialized equipment. Daily emphasis is placed on stretching, flexibility, and strength conditioning warm-ups to improve dance skills and enhance coordination, grace, and balance.

### Dance 1 AB (P)

Course # 11307

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Students must have completed 10 units of Core A and 10 units of Core B Physical Education Program to meet graduation requirements.  
**Location:** CEHS, CWHS

This is an elective within the Physical Education and Performing Arts Departments. It is designed to develop basic technique, confidence in expression, and build an appreciation for a wide variety of dance forms (i.e. jazz, modern, ballet, musical theater, social, etc.)

### Dance 2 AB (P)

Course # 11308

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Dance 1 AB or permission of instructor; a "C" average in PE and must have completed 10 units of Core A and 10 units of Core B Physical Education Program to meet graduation requirements.  
**Location:** CEHS, CHS

This is an elective within the Physical Education and Performing Arts Department. It is designed for the continuing student who has completed Dance 1 AB (or enter with permission of instructor based on strong dance background, desires more in-depth knowledge of dance.) There will be a strong emphasis on the elements of choreography, presentation, and critical analysis.

### Dance Repertory AB (P)

Course # 11309

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Audition by instructor; A/B average in PE and must have completed 10 units of Core A and Core B Physical Education to meet graduation requirements.  
**Location:** CEHS

This is an elective within the Physical Education and Performing Arts Department. It is designed to work at an advanced level to build upon and refine techniques, styles, and their overall knowledge regarding the art and heritage of dance. There will be a strong emphasis on performance, touring, and college and career opportunities.

## Folklorico Dance I AB (P)

Course # 88202

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None for Performing Arts Credit. Students must have completed 10 units of Core A and 10 units of Core B Physical Education Program to meet graduation requirements.  
**Location:** CEHS, CHS, CWHS

This is an elective within the Physical Education and Performing Arts department. This course is designed to expose students to the history and Mexican culture through music and dance. The class introduces students to the basic skills necessary to learn Mexican Folklorico dance. Students will learn basic performing skills. Instruction will be provided in the aesthetic, cultural, and historical dimensions of Mexican folkloric dance tradition. Each year a specific repertoire of dances from various regions of greater Mexico will be taught in preparation for public performances both on and off campus. Folklorico Dance I AB is a beginning level course that builds upon and refines technique, styles, and students' overall knowledge regarding the production, art and heritage of Folklorico dance. There will be a strong emphasis on student directed lecture/demonstrations, performances, and touring.

## Folklorico Dance II AB (P)

Course # 88203

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None for Performing Arts Credit. Students must have completed 10 units of Core A and 10 units of Core B Physical Education Program to meet graduation requirements.  
**Location:** CEHS, CHS, CWHS

This is an elective within the Physical Education and Performing Arts departments. This course will continue to develop students' knowledge of the history and Mexican culture, through music and dance. Students will be exposed to intermediate skills necessary to learn Mexican Folklorico dance. Instruction in the aesthetic, cultural, and historical dimensions of Mexican folkloric dance tradition will be emphasized. A specific repertoire of dances from Mexico will be taught. Folklorico Dance II AB builds upon and refines technique, styles, and overall knowledge regarding the production, art and heritage of Folklorico dance. There will be a strong emphasis on student directed lecture/demonstrations, performances, and touring. College/career opportunities will be explored.

## Folklorico Dance III AB (P)

Course # 88204

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Audition by instructor. Students must have completed 10 units of Core A and 10 units of Core B Physical Education Program to meet graduation requirements.  
**Location:** CEHS, CHS, CWHS

This is an elective within the Physical Education and Performing Arts departments. This course is designed to expand students' knowledge of the history and Mexican culture, through its music and dance. Students will learn the advanced skills necessary to learn Mexican Folklorico dance. Students will learn advanced performing skills emphasizing aesthetic, cultural, and historical dimensions of Mexican folkloric dance tradition. A specific repertoire of dances will be taught to prepare students for community performances. Folklorico Dance III AB builds upon and refines technique, style, and overall knowledge regarding the production, art and heritage of Folklorico dance. There will be a strong emphasis on student directed lecture/demonstrations, performances, and touring. College/career opportunities will be explored.

# INSTRUMENTAL

Certain elective music courses include a prerequisite to participate in Marching Band as a co-curricular event. While each student's grade is determined solely by their merit in the curricular class, participation in the co-curricular program is required to remain in these particular elective courses. Please see the lead music director or counselor at your site for more information.

## AP Music Theory AB (HP)

Course # 88320

Meets UC A-G "F" Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Ability to read Music. Adequate proficiency on musical instrument and/or voice. Entrance evaluation required.  
**Location:** BHS, CEHS, CHS, CWHS

The complete study of Music Theory as it reflects the general outline of a first-year college Music Theory course. The study of Music Theory will focus on a student's ability to recognize, understand and describe the basic processes of music that are either heard or seen in written form in a score.

## Chamber Orchestra AB (P)

Course # 88F07

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Two years of experience playing in String Orchestra, Concert Orchestra, or a similar ensemble. Exceptions can be made if a student is able to demonstrate the advanced skills required for the course through an audition process.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Chamber Orchestra is an advanced group of musicians with at least two years of experience playing in String Orchestra, Concert Orchestra, or a similar ensemble. This course is designed to give students a strong understanding of music theory and utilize it throughout the course (major and minor scales, circle of fifths, key signatures). Students will gain a clearer understanding of the relationships between music theory, history, and cultural context through research and analysis. In the Chamber Orchestra, students will attain musical leadership skills and independence through solo and chamber music performances. They will also understand and use performance evaluation and analysis skills to write critically constructive personal and peer evaluations.

## Concert Band AB (P)

Course # 88F08

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Concert Band is a performance-based class designed for students with at least 1-year experience on a woodwind, brass, or percussion instrument (Examples: Flute, Clarinet, Saxophone, Trumpet, Trombone, Tuba, Rhythm Instruments).  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Concert Band is a year-long Beginning-Intermediate level course that is open to students in 9<sup>th</sup>-12<sup>th</sup> grade interested in participating in a wind ensemble through performance and academic content. It is a performance-based class designed for students with at least 1-year experience on a woodwind, brass, or percussion instrument (Examples: Flute, Clarinet, Saxophone, Trombone, Trumpet, Tuba, Rhythm Instruments). Music from all major music periods will be rehearsed, analyzed, and performed. Music theory and music history are components of this class. Concert Band will perform at concerts, festivals, and community events throughout the year. Attendance at performances is a required portion of the class.

## Concert Orchestra AB (P)

Course # 88F09

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Concert Orchestra is a performance-based class designed for students with at least 2 years of experience on an orchestra string instrument (violin, viola, cello, and bass). Students who have successfully completed the String Orchestra or they may audition for admission into the course.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Concert Orchestra is a year-long Intermediate-Advanced level performing ensemble for students in 9<sup>th</sup>-12<sup>th</sup> grade interested in participating in a string ensemble through performance and academic content. It is a performance-based class designed for students with at least 2 years of experience on a string instrument (violin, viola, cello, and bass). String music from all major music periods will be rehearsed, analyzed, and performed. Music theory and music history are components of this class. Concert Orchestra will perform at concerts, festivals, and community events throughout the year. Attendance at performances is a required portion of the class.

## Honors Advanced Band AB (P)

Course # 88024

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Advanced Band and/or audition.  
**Location:** BHS, CHS, CWHS

Honors Advanced Band continues the instrumental curriculum as a college preparatory course of study. Standards of individual instrument technique and coordination with other instruments are at the highest level. Advanced music theory, history, cultural relationships, and selected literature are covered. Performances and after-school rehearsals are required. Participation in the preparation of Honor Group Material, Solos, and Ensembles are required.

## Jazz Band AB (P)

Course # 88313

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Concurrent enrollment in band/orchestra course, audition.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Jazz Band AB is an instrumental music ensemble. Students will study advanced jazz techniques, performance practices and style, and form as it relates to various idioms of selected jazz music. This ensemble will present a number of performances for the general public. Homework will include practice preparation.

## Marimba Band AB

Course # 88214

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor.  
**Location:** CHS

Marimba Band AB is designed to explore various types of Mexican music and Latin influenced music. Students learn about musical arrangements, blending of sounds, musical interpretation, and develop skills necessary for performance situations.

## String Orchestra AB (P)

Course # 88F10

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** String Orchestra is a performance-based class designed for students with at least 1-year experience on an orchestra string instrument (violin, viola, cello, and bass).  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

String Orchestra is a year-long Beginning-Intermediate level performing ensemble open to students in 9<sup>th</sup>-12<sup>th</sup> grade interested in participating in a string ensemble through performance and academic content. It is a performance-based class designed for students with at least 1-year experience on an orchestra string instrument (violin, viola, cello, and bass). String music from all major music periods will be rehearsed, analyzed, and performed. Music theory and music history are components of this class. String Orchestra will perform at concerts, festivals, and community events throughout the year. Attendance at performances is a required portion of this class.

## Symphonic Band AB (P)

Course # 88F11

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Symphonic Band is a performance-based class designed for students with at least 2 years of experience on a woodwind, brass, or percussion instrument (Examples: Flute, Clarinet, Saxophone, Trombone, Trumpet, Tuba, Rhythm Instruments). Students who have successfully completed the Concert Band Class may participate in Symphonic Band or they may audition for admission into the Course.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Symphonic Band is a year-long Intermediate-Advanced level course that is open to students in 9<sup>th</sup>-12<sup>th</sup> grades interested in participating in a wind ensemble through performance and academic content. It is a performance-based class designed for students with at least 2 years of experience on a woodwind, brass, or percussion instrument (Examples: Flute, Clarinet, Saxophone, Trombone, Trumpet, Tuba, Rhythm Instruments). Music from all major music periods will be rehearsed, analyzed, and performed. Music theory and music history are components of this class. Symphonic Band will perform at concerts, festivals, and community events throughout the year. Attendance at performances is a required portion of the class.

## Wind Symphony AB (P)

Course # 88F12

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Two years Concert Band, Symphonic Band, or a similar ensemble. Exceptions can be made if a student is able to demonstrate the advanced skills required for the course through an audition process.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Wind Symphony is an advanced group of musicians with at least two years of experience playing in Concert Band or Symphonic Band (or a similar ensemble). This course is designed to give students a strong understanding of music theory and utilize it throughout the course (major and minor scales, circle of fifths, key signatures). Students will gain a clearer understanding of the relationships between music theory, history, and cultural context through research and analysis. In the Wind Symphony, students will attain musical leadership skills and independence through solo and chamber music performances. They will also understand and use performance evaluation and analysis skills to write critically constructive personal and peer evaluations.

## THEATER ARTS

### Advanced Technical Theater (P)

Course # 83F01

(Refer to CTE Performing Arts Pathway)

### Drama 1 AB (P)

Course # 88323

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Drama 1AB is an introductory course designed to develop basic acting skills while providing the student with a background in theatre arts. Students in this class will perform memorized scenes from published plays and develop their own improvised scenes. Historical perspective and analysis will also be covered, and students will learn to analyze and assess the aesthetic and technical properties of their own work as well as recognized artists.

### Drama 2 AB (P)

Course # 88311

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Drama 1 AB with "B" or higher, or permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Drama 2AB is an intermediate level course designed to build upon skills learned in Drama 1AB. Emphasis will be placed on more advanced acting techniques such as acting styles, monologues, and character development. Work will also include non-acting skills such as playwriting, play analysis and elements of design.

### Drama 2 Technical Theater Arts AB (P) - CTE

Course # 88F99.CTE

(Refer to CTE Performing Arts Pathway)

### Drama 2 Technical Theater Arts AB (P)

Course # 88F02

Meets UC A-G "F" Requirement

**Grades:** 10-11  
**Duration:** Year Course  
**Prerequisite:** Drama 1 AB with "B" or higher, or permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

The student will study and apply the principles of group dynamics and collaboration during the pre-production through postproduction process of Theatrical Production. This course provides instruction in implementation of theatrical designs for Sets, Lights, Sound, Properties, Costumes, and Make-up. Students also study the historical development of technical theater from the Greeks through Modern Theater and analytical and close reading techniques necessary to interpret dramatic literature to identify themes and visual elements inherent in the text.

## Drama 3 AB (P)

Course # 88312

Meets UC A-G "F" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Drama 2 AB with "B" or higher, or permission of instructor Drama 3AB is an advanced class, including directing and design.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Drama 3AB is an advanced class, including directing and design.

## Drama 3 Technical Theater AB

Course # 88F03

**Grades:** 11-12  
**Duration:** Year course  
**Prerequisite:** A grade of B or higher in Drama 2 Technical Theater Arts or 80% or higher on an entrance exam.  
**Location:** CNHS

Drama 3 Technical Theater teaches the process of script analysis for design, development of a design concept & statement, steps to creating the design documents from rendering to cost breakdown, collaborative skills, and team management. This course is for those students who are interested in becoming designers and team leaders within the Technical Theater Arts world. Creation of design portfolio, model and mock-up process, and how to work with and lead teams of your peers are all included in this class. You will be invited to participate in Technical Theater competitions.

## Drama 4 AB (P)

Course # 88314

Meets UC A-G "F" Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** Drama 3 AB (P) with "B" or higher or permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Drama 4 AB will involve advanced work in acting, building on the skills and techniques developed in previous course work, and will encourage the development of effective creative expression and leadership ability in Theatre Arts. Areas of study may include advanced work in characterization, motivation, character analysis, stage movement and gestures, and use of body and voice in theatrical production.

## Introduction to Musical Theatre (P)

Course # 88F06

Meets UC Approval, A-G "F" Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** Must have completed or be concurrently enrolled in Drama 2, as well as concurrently enrolled in a choir class.  
**Location:** CNHS

This course is designed to introduce actors to the fundamentals of Musical Theatre. Students enrolled in this course will develop their knowledge of the historical and social significance of musical theater as well as study the lineage of the American Musical from opera to present day. Actors will practice and apply myriad components of musical theater performance including vocabulary, audition techniques, vocal health, styles of dance, genres of music, and sharpening their overall storytelling and performance skills. Actors will be introduced to the fundamentals of music theory and sight singing; a crucial part of professional musical theatre performance. Actors will develop their vocal and physical expression as they analyze, rehearse, and perform roles from a variety of Broadway musicals. Students will develop their creative expression and an appreciation for the aesthetic value of theatre, and they will be able to connect it to other subjects and art forms, building their confidence across the curriculum and specifically in fine arts. For all summative assessments, students will take on different roles as performers, directors, and choreographers for scenes presented in class and for the public. The course will culminate in a prepared community cabaret performance.

## Stagecraft AB

Course # 88017

**Grades:** 10-11-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor and passing safety test.  
**Location:** CEHS, CHS

Stagecraft AB will focus on basic skills of theater stagecraft through involvement in the preparation for and production of plays. Students will be expected to help construct and paint scenery and props, design and operate lighting and sound equipment. Some after school and evening rehearsals may be scheduled.

## Theater Production AB (ROP)

Course # R9073

(Refer to CTE Performing Arts Pathway)

# Vocal Performance

## Chamber Singers AB (P)

Course # 88308

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Concurrent enrollment in another choral class; permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Chamber Singers AB is offered for students with exceptional talent and musical ability. Their performance skills are further developed in a highly select group that serves as school representative to various community groups.

## Concert Choir AB (P)

Course # 88309

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Prior choral class; audition and permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Concert Choir AB is for the highly motivated and musically talented student. The ensemble is capable of performing at the highest level of proficiency. Students will show continuous evidence of ability to utilize independent study and practice. Rehearsal and public performance, both in and out of school time, are considered part of this course. This will be the representative choral performing group for the individual school.

## Mixed Choir 1 AB (P)

Course # 88326

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor.  
**Location:** BHS, CNHS, CWHS

Mixed Choir 1 AB is an entry level vocal group for boys and girls at the high school. It is a training choir which will prepare students for advancement to other performing groups at the school. Performance opportunities will be provided at the discretion of the instructor.

## Show Choir (\*P)

Course # 88F14

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor. Recommended that students are concurrently enrolled in a choral class  
**Location:** BHS

This course stresses popular styles in singing and dance and will prepare students for show choir performances and competitions, as well as for future careers in the entertainment industry. Physical conditioning, coordination, choreography, basic terminology, historical and cultural dimensions, as well as vocal and dance performance and analysis will be covered. This course will promote movement, skill and knowledge, self-image and personal and social growth. Music skills to be taught include singing with proper tone, intonation, posture, and stylistic interpretation. Vocal techniques for improved range, endurance, and healthy singing will also be taught. This course provides students with an opportunity to experience movement, express creativity, and enjoy success while at the same time increasing fitness and skill development. Students will acquire affective, psychomotor, aesthetic, and cognitive knowledge about dance as an art form. Students will develop their choreography skills, and student performance opportunities will be available both in and outside of the class.

## Soprano / Alto Choir AB (P)

Course # 88318

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Soprano/Alto Choir AB is a progressive course designed to provide soprano/alto voices with the opportunity to sing choral music. Special attention is given to the fundamentals of voice production, basic fundamentals of music, and the development of musicianship in ensemble singing. It will stress rehearsal procedures, attitudes, song literature, general musical knowledge and performance in school and community concerts.

## Tenor / Bass Choir AB (P)

Course # 88316

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor.  
**Location:** CHS, CEHS, CNHS, CWHS

Tenor/Bass Choir AB is a progressive course designed to provide tenor/bass voices with the opportunity to sing choral music. Special attention is given to the fundamentals of voice production, basic fundamentals of music and the development of musicianship in ensemble singing. It will stress rehearsal procedures, attitudes, song literature, general musical knowledge and performance in school and community concerts.

## Vocal Ensemble 1 AB (P)

Course # 88333

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor.  
**Location:** CEHS, CHS

An entry level progressive group for boys and girls at the high school to sing choral music. Special attention is given to the fundamentals of voice production, basic fundamentals of music and the development of musicianship in ensemble singing. It will stress rehearsal procedures, attitudes, song literature, general musical knowledge and performance in concerts.

## Vocal Ensemble 2 AB (P)

Course # 88334

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor, Vocal Ensemble 1 AB.  
**Location:** CEHS, CHS

A progressive group for boys and girls at the high school to sing choral music. Special attention is given to the fundamentals of voice production, basic fundamentals of music and the development of musicianship in ensemble singing. It will stress rehearsal procedures, attitudes, song literature, general musical knowledge and performance in concerts.

## Vocal Ensemble 3 AB (P)

Course # 88335

Meets UC A-G "F" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor, Vocal Ensemble 2 AB.  
**Location:** CEHS, CHS

A progressive group for boys and girls at the high school to sing choral music. Special attention is given to the fundamentals of voice production, basic fundamentals of music and the development of musicianship in ensemble singing. It will stress rehearsal procedures, attitudes, song literature, general musical knowledge and performance in concerts.

## Vocal Ensemble 4 AB (P)

Course # 88336

Meets UC A-G "F" Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor, Vocal Ensemble 3 AB.  
**Location:** CEHS, CHS

A progressive group for boys and girls at the high school to sing choral music. Special attention is given to the fundamentals of voice production, basic fundamentals of music and the development of musicianship in ensemble singing. It will stress rehearsal procedures, attitudes, song literature, general musical knowledge and performance in concerts.

## Women's Ensemble AB (P)

Course # 88F13

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** One-year experience singing in a secondary choir, intermediate choir of a similar ensemble. Exceptions can be made if a student is able to demonstrate the advanced skills required for the course through an audition process.  
**Location:** BHS, CHS, CEHS, CNHS, CWHS

This course provides an opportunity for students to develop advanced and refined vocal and choral techniques. Advance knowledge and skill in theory and sight singing is expected and further study of music history will be emphasized. The study and performance of advanced literature, including music from other cultures, will be the focus of this course. The Women's Ensemble is a performance-based class; attendance at performances, festivals, and concerts is a required portion of the class.

# ART - VISUAL ARTS

## Advanced Floral Design (P)

Course # 33F01.CTE

(Refer to CTE Plant & Soil Science Pathway)

## Advanced Two-Dimensional Art AB

Course # 78003

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Art 3AB and/or permission of instructor.  
**Location:** BHS, CEHS

The required course content will include career search activities, drawing, identification of appropriate colleges and/or art institutes, and specialized portfolio development. Self-critiquing will be an integral part of the process. Students will be required to exhibit their work and provide an accompanying statement describing the content and objectives of the work as well as any historical references and influences. This course gives the serious art student a chance to use art knowledge previously learned, and to develop a personalized style.

## Advanced Three-Dimensional Art Studies (P)

Course # 78308

Meets UC A-G "F" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Ceramics 3AB and teacher approval.  
**Location:** CWHS

This course provides students with the opportunity to take responsibility for their individual artistic, educational and developmental needs. Required course components will include career search activities, identification of appropriate colleges and/or Art institutes, and specialized portfolio development. Students will be required to exhibit their work and provide accompanying essay describing content and objectives of the work to include historical, artistic references and influences. This course is for serious art students only.

## AP Art History AB (HP)

Course # 88F05

Meets UC A-G "F" Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Honors English 9 and Geography.  
**Location:** CHS, CWHS

AP Art History AB is intended for the highly motivated student interested in the serious study of Art. College credits may be earned through passage of Advanced Placement test with a "3" or higher score.

## AP Studio Art 3-D Design AB (HP)

Course # 78301

Meets UC A-G "F" Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Course offered dependent on enrollment.  
**Prerequisite:** Successful completion of any 2AB or 3AB Fine Art course and permission of instructor.  
**Location:** CWHS

AP Studio Art Design AB is intended for the highly motivated student interested in the serious study of Art. College credits may be earned through passage of Advanced Placement test with a "3" or higher score.

## AP Studio Art Drawing AB (HP)

Course # 77F04

Meets UC A-G "F" Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Course offered dependent on enrollment  
**Prerequisite:** Successful completion of any 2AB or 3AB Fine Art course and permission of instructor.  
**Location:** BHS, CEHS, CNHS, CWHS

AP Studio Art Drawing AB is intended for the highly motivated student interested in the serious study of Art. College credits may be earned through passage of Advanced Placement test with a "3" or higher score.

## Art 1 AB (P)

Course # 78302

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CHS, CEHS, CNHS, CWHS, COS, E, GHS

Art 1AB is an introductory art course with emphasis upon drawing and painting. Students learn drawing and painting skills using pencil, pen, and ink, as well as watercolors and tempera, elements of art and principles of design. The elements of art are introduced in 2-dimensional design. Historical and cultural influences in art are also discussed and students will assess the aesthetic and technical properties of art.

## Art 2 AB (P)

Course # 78303

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Art 1AB with a grade of "B" or better and/or permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Art 2AB introduces drawing as an expressive and creative media. Emphasis is placed upon learning the necessary skills and techniques to create representational as well as expressive drawings of still life, portraits, and the human figure. Historical perspective and analysis will also be covered, and students will learn to analyze and assess the aesthetic and technical properties of their own compositions and those of recognized artists.

## Art 3 AB (P)

Course # 78304

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Art 2AB with a grade of "B" or better and/or permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

This is designed for students who wish to become more proficient in the use of paint as an expressive and creative medium. The student's ability to use color, line, space, form, and texture will be emphasized. Watercolor and acrylic paint are used as media. Historical perspective will be covered, and students will learn to analyze and assess aesthetic and technical properties of compositions.

## The Art and History of Floral Design AB (P)

Course # 77505.CTE

(Refer to CTE Plant & Soil Science Pathway)

## Beginning Broadcasting AB (P)

Course # 77F06

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Good Citizenship and Attendance.  
**Location:** CNHS

Throughout this course, students will be utilizing critical thinking and interpersonal skills to develop and produce video-based projects for distribution to relevant media outlets. Supporting school-wide goals and experiences, Beginning Broadcasting will document, edit, and distribute footage through industry standards, techniques and equipment including, but not limited to, video and sound equipment, lighting, and editing software. Completion of this course will provide students with an invaluable introduction to the challenging and rewarding broadcasting industry and develop skills that will serve them for a lifetime.

## Building Information Modeling AB (P)

Course # 77F10.CTE

(Refer to CTE Residential and Commercial Construction Pathway)

## Ceramics 1 AB (P)

Course # 78306

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, GHS

This course provides the beginning foundation in the basic techniques for creative ceramic making. The class covers the three main areas of ceramics: hand building, throwing on the potter's wheel, and sculpture. Emphasis is placed upon functional as well as aesthetic design, good craftsmanship, development of skills, and exploration of cultural and historical influences.

## Ceramics 2 AB (P)

Course # 78307

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Ceramics 1AB with a grade of "B" or better and/or permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

This course emphasizes the design of pottery, its function, form, and proportion. Advanced hand-built and throwing, as well as decoration, glazing techniques, and sculpture are covered. Students will study historical and contemporary examples of works and create original pieces based on research.

## Ceramics 3 AB (P)

Course # 78360

Meets UC A-G "F" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Ceramics 2AB with a grade of "B" or better, and/or permission of instructor.  
**Location:** BHS, CEHS, CNHS, CWHS

Students will apply advanced skills learned in Ceramics 2AB to focus on developing their proficiency in the use of clay as an expressive and creative medium. The elements and principles of design and self-expression will be emphasized. Students will use historical and cultural influences to help them discern aesthetics from comparisons. Students will also apply practical Potter's Studio experience while learning how to run kilns, make molds, and formulate glazes.

## Digital Film Making (P)

Course # 77F08.CTE

(Refer to CTE Production and Managerial Arts Pathway)

## Digital Photography II (P)

Course # 73F01.CTE

(Refer to CTE Design, Visual & Media Arts Pathway)

## General Art AB

Course # 78001

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** COS, E, GHS

General Art AB is designed to give the individual student an opportunity to explore a wide range of art materials and media with great emphasis on functional as well as aesthetic designs, good craftsmanship, and developmental skills.

## Honors Principles of Engineering (HP)

Course # 53G04CTE

(Refer to CTE Engineering Design Pathway)

## Introduction to Design 1, 2 AB (P)

Course # 77F02.CTE

(Refer to CTE Engineering Design Pathway)

## Introduction to Digital Photography AB (P)

Course # 77F09.CTE

(Refer to CTE Design, Visual, & Media Arts Pathway)

## Multi-Cultural Studio Art 1 AB (P)

Course # 78320

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None, Art 1 is recommended.  
**Location:** BHS, CWHS

Multi-Cultural Art encourages students to explore numerous cultures and their customs through examples of artwork. Students will use historical and contemporary influences to create original art pieces based on their research. This course is designed for the student who would like to explore both two and three dimensions in their artwork.

## Photography 1 AB (P)

Course # 78311

Meets UC A-G "F" Requirement

**Grades:** 10-12 (11-12 at BHS, CNHS) (12<sup>th</sup> grade at CWHS)  
**Duration:** Year Course  
**Prerequisite:** Access to student-owned camera is preferred, but not required.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

This course covers the basic skills for successful camera operation as well as black/white darkroom techniques. Students will be introduced to digital cameras and computer manipulation of images. The course topics stress the technical and aesthetic fundamentals of quality image-making and the historical development and influence of the medium.

## Photography 2 AB (P)

Course # 78312

Meets UC A-G "F" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Photo 1AB with grade of "B" or better and/or permission of instructor. Access to student-owned camera is preferred, but not required.  
**Location:** BHS, CEHS, CHS, CNHS

This course covers advanced topics in black/white photography, including skill development with special equipment in taking and processing photos, elements and principles of design as they apply to expressive possibilities, historical perspective, and analysis. Students will experience some digital photo applications for image editing, with practical techniques in correcting, enhancing, and manipulating images. Students will learn to analyze and assess the aesthetic and technical properties of their own compositions and those of recognized photographers or studio work.

## Photography 3 AB (P)

Course # 77F01

Meets UC A-G "F" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Art 1AB; Photo 2AB with grade of "B" or better and/or permission of instructor. Access to student-owned camera is preferred, but not required.  
**Location:** BHS, CHS

This is an advanced course in black & white and, also, colored photography. Lectures will cover advanced tools of photography, technical skills and will also deal with image content related to creative composition. The course will include assigned written essays, oral presentations, critiques and photo history, with emphasis on the study of masters and contemporary artists. Laboratory activities will include using a roll film camera, digital camera, developing film, printing techniques, and completing high quality prints for exhibition.

## Sculpture / Three-Dimensional Design 1 AB (P)

Course # 77F03

Meets UC A-G "F" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, GHS

This course introduces and explores a variety of sculptural concepts, techniques and processes. Emphasis is on the development of an understanding of three-dimensional art making through the use of various media and methods. Drawing will be used to help each student better visual perception of objects and to understand the basic elements of art and principles of design. Students will learn to appreciate art and its historical and cultural role in our past and present world. A variety of sculpting, painting, printmaking, carving, molding and large-scale sculptural forms will be completed throughout the year.

## Three-Dimensional Design 2 AB (P)

Course # 78310

Meets UC A-G "F" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Three-Dimensional Design 1AB with a grade of "B" or better, and/or permission of instructor.  
**Location:** BHS, CEHS, GHS

Students will apply advanced skills learned in 3-D 1AB to make sculptural forms using different types of mediums such as clay, plaster of Paris, wood, plastic, and different types of metals. Art History, elements of design, and cultural influences will be taught to help the students develop their own artwork.

## Videography Animation & Multimedia (P) (ROP)

Course # R7301

(Refer to CTE Production and Managerial Arts Pathway)

## Multimedia Communication (ROP) (P) - CTE

Course # R7F01.CTE

(Refer to CTE Production and Managerial Arts Pathway)

## Videography I AB (P)

Course # 77G01

Meets UC A-G "F" Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** Good citizenship and attendance.  
**Location:** BHS, CNHS

Videography I is an introductory class that emphasizes and develops critical thinking skills by exploring the influence of design principles, historically significant art forms from various genres, and the production process of films and television programming. Students will analyze a variety of film and television programming as they learn to critique artists' work. Students will learn to use the technology available to produce and edit various forms of multimedia communications, including video cameras, lights, sound equipment, and industry-standard computer software. Communication and interpersonal skills, problem solving, and safety are emphasized throughout the curriculum.

# ENGLISH

## AP English Language and Composition AB (HP)

Course # 22505

Meets UC A-G “B” Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** SBAC met or exceeded standard.  
**Location:** BHS, CEHS, CHS, CWHS, CNHS, COS

AP Language AB (HP) covers a syllabus equivalent to entry level college composition and necessary for students to pass the College Board exam in May for college placement and/or credit. Topics include diction and language analysis, forms of discourse, and refinement of rhetorical style.

## AP English Literature and Composition AB (HP)

Course # 22506

Meets UC A-G “B” Requirement – UC Honors Course

**Grades:** 12 (Grade 11 Only at BHS)  
**Duration:** Year Course  
**Prerequisite:** SBAC met or exceeded standard.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS

AP Literature AB (HP) covers a syllabus necessary for students to pass the College Board exam in May for college placement and/or credit. Topics include in-depth literary analysis, diction and language-style analysis, forms of discourse, and refinement of rhetorical-style.

## Bible as Literature A (P)

Course # 22522

Meets UC A-G “B” Requirement

**Grade:** 12  
**Duration:** Semester Course, backed with Contemporary Issues in Literature A.  
**Prerequisite:** None  
**Location:** BHS, CNHS

Bible as Literature A covers selected stories from the Old and New Testaments. This course focuses on analysis of the biblical stories from a literary standpoint, analysis of themes that have influenced Western Civilization since the time of Moses, and analysis of the authors. Literature-based writing assignments refine writing skills.

## College Composition & American Literature AB (P)

Course # 22502

Meets UC A-G “B” Requirement

**Grade:** 11-12  
**Duration:** Year Course  
**Location:** CWHS

College Composition & American Literature AB (P) provides a strong background in reading and writing for the college-bound student. The course emphasizes the composing process in expository writing and research papers in connection with the study of the development of American ideals and values as they appear in American literature. Critical thinking, analytical skills, reading comprehension, vocabulary development, and expression are highlighted.

## Composition Through Careers AB (HP)

Course # 22B06

Meets UC A-G “B” Requirement – UC Honors Course

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** Enrollment in CART  
**Location:** CART

Composition Through Careers includes in-depth expository reading and writing, literary analysis, research, case studies, and technical writing related to students’ specific career focus. Students’ writing will demonstrate sophistication in the use of rhetoric, language, and style, and control of English conventions. Written and oral communication will show evidence of higher-level thinking skills and demonstrate advanced technical skills through the integration of projects: databases, graphics, spreadsheets, and word-processed documents. Students will do in-depth research throughout the year in addition to several informal and formal oral presentations both in-class and to the larger public.

## Contemporary Issues in Education AB (HP)

Course # 22B11.CTE

(Refer to CTE Education Pathway)

## Contemporary Issues in Literature A (P)

Course # 22520

Meets UC A-G “B” Requirement

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CNHS

Contemporary Issues in Literature A (P) encourages students to make connections between literature and contemporary issues. This course focuses on discussion, debate, expository writing, and teaching students to think through issues in order to support their views.

## CSU Expository Reading and Writing Course AB (P)

Course # 22B02

Meets UC A-G “B” Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** English 9, English 10, and English 11 or equivalent if taken in Grade 12.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, GHS, CCDS, COS, E

CSU Expository Reading and Writing Course (P) prepares college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing.

## English 9 AB (P)

Course # 22515

Meets UC A-G “B” Requirement

**Grade:** 9  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

English 9 AB (P) covers literary analysis, vocabulary development, critical thinking skills, and research skills. The writing process and language skills are emphasized.

## English 9 Honors AB (P)

Course # 22516

Meets UC A-G “B” Requirement

**Grade:** 9  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor and/or exam.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E

English 9 Honors AB (P) meets the needs of accelerated freshmen. This course emphasizes sophisticated levels of literary forms and types, as well as style and structure, and advanced essay writing skills. It focuses on literary analysis, language skills, vocabulary development, critical thinking skills, and research skills.

## English 10 AB (P)

Course # 22512

Meets UC A-G “B” Requirement

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, CCDS, E, GHS

English 10 AB (P) covers literary analysis, vocabulary development, critical thinking skills, and research skills. The writing process and language skills are emphasized.

## English 10 Honors AB (HP)

Course # 22517

Meets UC A-G “B” Requirement – UC Honors Course

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** English 9; Honors English 9 recommended.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E, GHS

English 10 Honors AB (HP) meets the needs of accelerated sophomores. This course emphasizes sophisticated literary forms and analysis. It focuses on language skills, vocabulary development, critical thinking skills, the writing process, advanced writing skills, and research skills. It prepares students for AP English classes in grades 11 and 12.

## English 11 AB (P)

Course # 22513

Meets UC A-G “B” Requirement

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, CCDS, E, GHS

English 11 AB (P) emphasizes literary analysis, vocabulary development, and critical thinking skills. It continues the development of composition and literary skills through the study of contemporary fiction and American literature.

## English 12 AB (P)

Course # 22514

Meets UC A-G “B” Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

English 12 AB (P) emphasizes literary analysis, vocabulary development, and critical thinking skills. It continues the development of composition and literary skills through the study of classic, contemporary, and world literature.

## English Lab AB

Course # 22021

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, COS, CCDS, E, GHS

English Lab AB helps students gain mastery of reading and comprehension skills necessary for high school graduation and successful completion of high school course work. Schools may incorporate READ 180 Lab into this offering.

## English Seminar AB

Course # 22010

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Teacher/Counselor placement.  
**Location:** COS, E, GHS

English Seminar AB provides additional support with English Language Arts. This course supports students by using strategies needed to understand a variety of texts and become better writers.

## Experiences in Literature and Composition 1 AB

Course # 22016

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Teacher/Counselor placement.  
**Location:** BHS, CEHS, CNHS, CWHS, COS, E, GHS

Experiences in Literature and Composition 1AB examines high interest literary works in the form of novels, short stories, essays, and poems. It develops basic and practical writing skills in response to literature and gives individualized instruction that prepares students for successful completion of other courses in their junior and senior years. (The course focuses on students who have struggled academically during their freshman and/or sophomore years or students mainstreamed through the Special Education Department. A special education teacher assists the instructor.)

## Experiences in Literature and Composition 2 AB

Course # 22001

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** Teacher/Counselor placement.  
**Location:** CHS, CWHS, COS, E, GHS

Experiences in Literature and Composition 2AB examines high interest multicultural literary works in the form of novels, short stories, essays, and poems. It develops basic and practical writing skills in response to literature and gives individualized instruction that prepares students for successful completion of other courses in their junior and senior years. (The course focuses on students who have struggled academically during their freshman and/or sophomore years or students mainstreamed through the Special Education Department. A special education teacher assists the instructor.)

## Exploration of Child and Adolescent Literature (HP)

Course # 22B10.CTE

(Refer to CTE Education Pathway)

## Expository English 12 Honors AB (HP)

Course # 22B05.CRT

Meets UC A-G “B” Requirement – UC Honors Course

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** Enrollment in CART.  
**Location:** CART

Expository English 12 Honors includes in-depth expository reading and writing, literary analysis, research, case studies, and technical writing related to students’ specific career focus. Students’ writing will demonstrate sophistication in the use of rhetoric, language, and style, and control of English conventions. Written and oral communication will show evidence of higher-level thinking skills and demonstrate advanced technical skills through the integration of projects: databases, graphics, spreadsheets, and word-processed documents. Students will do in-depth research throughout the year in addition to several informal and formal oral presentations both in-class and to the larger public.

## Film as Literature AB (P)

Course # 22B01

Meets UC A-G “B” Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CNHS

Film as Literature (P) examines the relationship between literature and its representation in film. Students study films critically and analytically as both art forms and methods of communication. They identify theme, narrative structure, genre, technical, and artistic factors, as well as the social impact of motion pictures. Students examine how films reflect the culture of the time and shape the attitudes and values of that culture. Students write extensively on all these subjects. The course enhances the analytical and critical thinking skills of students.

## Mythology and Science Fiction AB (P)

Course # 22526

Meets UC A-G “B” Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS

Mythology and Science Fiction is a California standards-based course. One semester will be devoted to Mythology and one semester will be devoted to Science Fiction. Mythology/Science Fiction utilizes a core literature program. It guides the student through the process of literacy analysis, vocabulary development and critical thinking skills. The writing process and language skills are incorporated into the curriculum.

## Pre AP English 2 AB (P)

Course # 22B04

Meets UC A-G “B” Requirement

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CWHS

Pre AP English 2 AB (P) lays the foundation for the AP English courses in students’ last two years of high school. In this Pre-AP English course, students develop critical analytical skills to read and write from a variety of genres, in preparation for the rigors of the junior and senior English Language Arts Advanced Placement curriculum.

## Rhetoric and Composition AB (P) (DE)

Course # 22519

Meets UC A-G “B” Requirement – Dual Enrollment Course

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** English 9, 10, 11  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Rhetoric and Composition AB (P) is designed for college-bound seniors who are eligible for the Dual Enrollment course, English 1A/1B. Students will read and write academic prose effectively and increase their mastery of academic language. This rigorous course is built around in-depth studies of nine rhetorical strategies and the rhetorical analysis and synthesis of a variety of texts, with an emphasis on rigorous nonfiction texts. Essential to the curriculum is the deepening of students’ critical reading, writing and thinking skills about both expository and literary prose, with an emphasis on expanding their ability to argue and extend their understanding of complex text. Students examine relationships between an author’s thesis or theme and an author’s audience and purpose; they analyze the impact of structural and rhetorical strategies and examine the social, political, and philosophical assumptions that underlie the text.

## World Literature & Composition AB (P)

Course # 22523

Meets UC A-G “B” Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS

World Literature & Composition AB (P) explores themes expressed by past and present humanity through the arts. This course takes a humanities approach with literature. The writing process and language skills are incorporated into the curriculum.

# ENGLISH LANGUAGE DEVELOPMENT

## English Language Development 1 AB

Course # 22044

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Primary language other than English as determined by the Home Language Survey. Students at this level are at the Beginning Stage of developing English skills as determined by ELPAC Level 1.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

English Language Development 1 AB provides English Language Development for Beginning English Learners. The course develops speaking, listening, reading, and writing skills in English that align with the English Language Development Standards. Use of visuals, hands-on activities, gestures, and concrete activities are part of the everyday classroom. The goal of this course is to advance students from Emerging to Expanding language skills.

## English Language Development 2 AB

Course # 22043

**Grades:** 9–12  
**Duration:** Year Course  
**Prerequisite:** Primary language other than English as determined by the Home Language Survey. Students at this level have Somewhat Developed English skills as determined by ELPAC Level 2.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

English Language Development 2 AB provides English Language Development for Expanding English Learners. English Language Development Standards expand the development of speaking, listening, reading, and writing skills in English. The goal of this course is to advance students from Expanding to Bridging language skills.

## English Language Development 3 AB

Course # 22049

**Grades:** 9–12  
**Duration:** Year Course  
**Prerequisite:** Primary language other than English as determined by the Home Language Survey. Students at this level have Moderately Developed English skills as determined by ELPAC Level 3.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

English Language Development 3 AB provides English Language Development for high Expanding to low Bridging English Learners. English Language Development Standards expand the development of speaking, listening, reading, and writing and literacy skills in English. The goal of this course is to transition students from Expanding to Bridging language skills.

## English Language Development 4 AB

Course # 22024

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**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Primary language other than English as determined by the Home Language Survey. Students at this level have Well Developed English skills as determined by ELPAC Level 4, but may lack academic language skills as determined by the district's reclassification criteria.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

English Language Development 4 AB provides English Language Development for **Bridging** to **Fluent** English Proficient English Learners. English Language Development standards expand the development of literacy skills and academic language in English. The goal of this course is to advance Bridging English Learners to meet the criteria for reclassification.

# HEALTH

## Health A

Course # 55007

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**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

Health is a general introduction course that teaches positive behaviors to ensure a lifetime of wellness. Topics discussed include reproductive health, social-emotional wellness, substance abuse, diseases and disorders, nutrition, life skills, and refusal skills, comprehensive sex education, and HIV prevention

# HISTORY / SOCIAL SCIENCE

## Agricultural Government A (P)

Course # 36A02

Meets UC A-G "A" Requirement

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** U.S. History  
**Location:** CEHS

Students will pursue a deeper understanding of the institutions of American Government. In-depth study of the government system in the world today, analyze the life and changing interpretations of the Constitution, Bill of Rights and the current state of the legislative, executive and judiciary branches of government.

## American Culture A (P)

Course # 66A05

Meets UC A-G "A" Requirement

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CEHS, CHS, CNHS, CWHS

This course explores how culture has shaped American history and deepens understanding of the unique historical experiences and perspectives of various American cultural groups. These essential questions are addressed: What shapes our identity as a member of American society? How have race, culture, religion, socio-economic status, and other perceived differences had an impact on American history? How have concepts of identity and culture determined individual and group participation in our democracy?

## American Government A (P)

Course # 66401

Meets UC A-G "A" Requirement

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** BHS, CHS, CEHS, CNHS, CWHS, CART, COS, CCDS, E, GHS

This semester class covers America's political foundations; political parties, media and special interest groups; three branches of government: legislative, executive and judicial and their influence on society.

## American Government (IND)

Course # 66001

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CCDS

This semester class covers America's political foundations; political parties, media and special interest groups; three branches of government: legislative, executive and judicial and their influence on society. The course is the culmination of the civic literacy strand that prepares students to vote, reflect on the responsibilities of citizenship and to participate in community activities. This class does not meet CSU admission requirements.

## AP European History AB (HP)

Course # 66903

Meets UC A-G "A" Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Approval from counselor or instructor; students must be above grade level in reading/language.  
**Location:** CEHS, CHS, CWHS

AP European History is designed to be the equivalent of a two-semester introductory college or university European history course. In AP European History students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing historical evidence; contextualization; comparison; causation; change and continuity over time; and argument development. The course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity.

## AP Human Geography AB (HP)

Course # 66G03

Meets UC A-G "A" Requirement – UC Honors Course

**Grade:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Approval from counselor or instructor; students must be above grade level in reading/language.  
**Location:** CHS, CWHS, COS

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

## AP Macroeconomics A (HP)

Course # 66G01

Meets UC A-G "G" Requirement – UC Honors Course

**Grade:** 12  
**Duration:** Semester  
**Prerequisite:** Approval from counselor or instructor; Advanced Math or higher recommended.  
**Location:** BHS, CEHS, CNHS, CWHS

AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

## AP Microeconomics A (HP)

Course # 66902

Meets UC A-G "G" Requirement – UC Honors Course

**Grade:** 12  
**Duration:** Semester  
**Prerequisite:** Approval from counselor or instructor; Math 3 or higher recommended.  
**Location:** CNHS

AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

## AP Psychology AB (HP)

Course # 66904

Meets UC A-G "G" Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Approval from counselor or teacher.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

## AP U.S. Government / Politics A (HP)

Course # 66404

Meets UC A-G "A" Requirement – UC Honors Course

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** Approval from counselor or instructor; students must be above grade level in reading/language.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS

This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.

## AP United States History AB (HP)

Course # 66402

Meets UC A-G "A" Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Approval of counselor or instructor; students must be above grade level in reading/language.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

## AP World History AB (HP)

Course # 66013

Meets UC A-G "A" Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Approval of 9th grade English teacher and/or counselor. Student must be above grade level in reading/language.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

## Economics A (P)

Course # 66906

Meets UC A-G "G" Requirement

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CART, CCDS, COS, E, GHS

This course builds upon the fundamental concepts presented in the required social science classes. Topics covered include a study of the free market system, labor force, monetary policy, fiscal policy, and international trade.

## Economics A (IND)

Course # 66006

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CCDS

Economics (IND) builds upon the fundamental concepts presented in the required social science courses. Students learn to reason economically while analyzing the American economy (including the labor markets) and examining globalization. This class does not meet UC/CSU admission requirements.

## Psychology A (P)

Course # 66907

Meets UC A-G "G" Requirement

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E

Psychology A is an introductory course to the study of the individual as a behavioral science. Topics include the biological and social basis of behavior, perception, motivation, intelligence, and personality.

## Sociology A (P)

Course # 66912

Meets UC A-G "G" Requirement

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, COS, CNHS, CWHS, E

Sociology A is an introductory course in the study of groups as a behavioral science, including areas of interest and techniques used. Special emphasis is placed on groups that affect lives of the adolescent, the development of values and the adolescent's place in society. The course concludes with a look at the causes and consequences of social problems of interest to the adolescent.

## United States History AB (P)

Course # 66408

Meets UC A-G "A" Requirement

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

United States History AB (P) continues to build upon the 20th century chronological development of our country to study major themes that have shaped our country's destiny. The shaping of America's future depends on a better understanding of her past.

## United States History AB (IND)

Course # 66008

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CCDS

United States History AB (P) continues to build upon the 20th century chronological development of our country to study major themes that have shaped our country's destiny. The shaping of America's future depends on a better understanding of her past. This class does not meet CSU admission requirements.

## World Geography & Cultures A (P)

Course # 66940

Meets UC A-G "A" Requirement

**Grade:** 9  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CNHS, CCDS, COS, E, GHS

World Geography and Cultures will explore and discover the processes that shape the earth, the relationships between people, and the environment.

## World History AB (P)

Course # 66909

Meets UC A-G "A" Requirement

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

World History AB (P) covers history, geography and economics of selected cultures from both the western world and non-western worlds. Themes include the rise of democracy, the effects of nationalism, revolution and imperialism along with industrialization, militarism and the background of current global conflict. The historical backgrounds of the past will be related to our present world situation.

## World History AB (IND)

Course # 66909

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CCDS

World History AB (IND) covers history, geography and economics of selected culture from both the western world and non-western worlds. Themes include the rise of democracy, the effects of nationalism, revolution and imperialism along with industrialization, militarism and the background of current global conflict. The historical backgrounds of the past will be related to our present world situation. This class does not meet CSU/UC admission requirements.

# MATHEMATICS

## Advanced Mathematics AB (P)

Course # 44601

Meets UC A-G "C" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Grade of C or higher in Math 3 AB.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CART, COS, E

Advanced Mathematics AB (P) provides a formal study of trigonometry and exposure to selected topics which provide a foundation for the first course in calculus. Scientific calculators will be used extensively. Topics include: trigonometry, logarithms, functions, and limits.

## AP Calculus AB (HP)

Course # 44606

Meets UC A-G "C" Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Grade of "B" or better in Math 3 AB Honors or "B" or better in Adv. Math AB.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

## AP Calculus BC (HP)

Course # 44607

Meets UC A-G "C" Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course.  
**Prerequisite:** Grade of "A" or better in Math 3 AB Honors or "C" or better in AP Calculus AB.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

## AP Computer Science A (HP)

Course # 44908.CTE

(Refer to CTE Software and Systems Development Pathway)

AP Computer Science A is equivalent to a first-semester, college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

## AP Statistics AB (HP)

Course # 44637

Meets UC A-G "C" Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Statistics/Probability with an "A" or Math 3AB (P) with "A" Concurrently taking Advanced Math or AMA.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

## Cross-Age Tutoring – Math

Course # 40059

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Math 3AB with a "B" or better. Two letters of recommendation from Math teachers indicating work ethic, attendance record, and reliability.  
**Location:** BHS, CEHS, CHS

Tutors will be placed at either the elementary, intermediate, or high school level. They will work with the teacher to augment instruction. Tutors will assist with remediation, enrichment, and regular instruction.

## Foundations of Math 2 AB

Course # 44040

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Passing grade in Math 1.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

This course is designed for students who desire to learn the basic concepts of Math 2.

## Foundations of Math 3 AB

Course # 44041

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Passing grade in Math 2AB.  
**Location:** BHS, CEHS, CHS, CCDS, COS, E, GHS

Foundations of Math 3 is a preparatory course designed to help students master the skills necessary for success in Math 3 AB (P). This course will cover graphing functions, solving equations, solving inequalities, rational functions, radical functions, an introduction to statistics, and trigonometry. This course will prepare students for the eleventh grade California Assessment of Student Performance and Progress and the state college placement exam.

## Honors Math 2 AB (P)

Course # 44C03

Meets UC A-G "C" Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** Fulfilling criteria per CUSD 9th grade math placement policy.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

For the high school Honors Math 2 course, instructional time will focus on five critical areas: 1) extend the laws of exponents to rational exponents; 2) compare key characteristics of quadratic functions with those of linear and exponential functions; 3) create and solve equations and inequalities involving linear, exponential, and quadratic expressions; 4) extend work with probability; and 5) establish criteria for similarity of triangles based on dilations and proportional reasoning. This course includes trigonometry and other addition standards to prepare students for a Calculus Course after Math 3 Honors.

## Honors Math 3 AB (P)

Course # 44C05

Meets UC A-G “C” Requirement

**Grades:** 10-11  
**Duration:** Year Course  
**Prerequisite:** “B” or better in Honors Math 2AB.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

For the high school Honors Math 3 course, instructional time will focus on the five key areas: 1) deepen and extend understanding of the use of statistics with identifying different ways of collecting data and the conclusions that can be drawn; 2) apply operations to polynomial functions; 3) solve polynomial, rational, radical and trigonometric functions algebraically and graphically 4) extend work with function families and the effects of transformations on them; and 5) model and solve real world problems that require the use of polynomial, rational, radical and trigonometric functions. The course includes the additional standards required to fully prepare students for a Calculus course after Honors Math 3.

## Math 1 AB (P)

Course # 44C01

Meets UC A-G “C” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Fulfilling criteria per CUSD 9th grade math placement policy.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

For the high school Math 1 course, instructional time should focus on six critical areas: 1) extend understanding of numerical manipulation to algebraic manipulation; 2) synthesize understanding of function; 3) deepen and extend understanding of linear relationships; 4) apply linear models to data that exhibit a linear trend; 5) establish criteria for congruence based on rigid motions; and 6) apply the Pythagorean Theorem to the coordinate plane.

## Math 2 AB (P)

Course # 44C02

Meets UC A-G “C” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** C or better in Math 1 or Adv. Math 8 or fulfilling criteria per CUSD 9th grade math placement policy.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

For the high school Math 2 course, instructional time will focus on five critical areas: 1) extend the laws of exponents to rational exponents; 2) compare key characteristics of quadratic functions with those of linear and exponential functions; 3) create and solve equations and inequalities involving linear, exponential, and quadratic expressions; 4) extend work with probability; and 5) establish criteria for similarity of triangles based on dilations and proportional reasoning.

## Math 3 AB (P)

Course # 44C04

Meets UC A-G “C” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** C or better in Math 2AB.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

For the high school Math 3 course, instructional time will focus on the five key areas: 1) deepen and extend understanding of the use of statistics with identifying different ways of collecting data and the conclusions that can be drawn; 2) apply operations to polynomial functions; 3) solve polynomial, rational, radical and trigonometric functions algebraically and graphically; 4) extend work with function families and the effects of transformations on them; and 5) model and solve real world problems that require the use of polynomial, rational, radical and trigonometric functions.

## Math Lab AB

Course # 44014

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CHS, CWHS, CCDS, COS, E, GHS

Math Lab AB provides an individualized format to support students toward meeting the mathematics graduation requirement. Students work on a continuous progress basis with a personal contract.

## Math Tutorial AB

Course # 40032

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**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Students who are having trouble in Math 1AB or equivalent, or who fail and would benefit from a structured tutorial class. Counselor/teacher recommendation required. Concurrent enrollment in other math course is required.  
**Location:** BHS, CEHS, CHS, CNHS, CCDS, GHS

This course is designed to provide targeted instruction to struggling students concurrently enrolled in a mathematics course required for high school graduation.

## Statistics & Probability AB (P)

Course # 44611

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Meets UC A-G "C" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Grade of C or better in Math 3 AB.  
**Location:** BHS, CEHS, CHS, CWHS, CNHS, COS, E

Statistics and Probability AB provides college bound students with an introduction to the essential basics of statistical analysis and the theory of probability. This course will include applications to the fields of social science, psychology, education, business and medicine. Topics include: descriptive statistics, measures of central tendency and dispersion, correlation and regression analysis, probabilities of compound events, normal distribution

# PHYSICAL EDUCATION

## Directed Study Physical Ed AB

Course # 11017

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisites:** Core A & B, must have scored at the Healthy Fitness Zone on the PFA. Meet guidelines/requirement for Directed Study listed in the school P.E. Handbook (Approval of Learning Director or Counselor - See Admin Reg 3207).  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Directed study allows students to pursue a program of personal fitness conditions of a written contract in order to maintain course enrollment. This class is offered to students with impacted schedules due to Honors/AP courses.

## P.E. Adapted AB

Course # 11003

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Must meet qualifying criteria and have an Individualized Education Program specifying an Adapted P.E. program.  
**Location:** BHS, CEHS, CHS, CNHS

Adapted P.E. AB provides physical activities selected in accordance to the individual needs and abilities of each student.

## P.E. Adapted Peer Tutoring AB

Course # 11035

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** Student must have completed 10 units of P.E. Core A and Core B to meet graduation requirements. Recommendation current P.E. teacher is required. Student must have excellent attendance; have a "C" or better in all academic classes and a "B" or better in P.E. classes, and must have passed Healthy Fitness Standards. Student must be willing to work with students who have special needs or unique challenges.  
**Location:** CEHS

P.E. Adapted Peer Tutoring AB offers seniors an opportunity to gain practical experience in teaching by serving as a teaching assistant to the Adapted P.E. Specialist. Tutors will work under the guidance and direction of both the regular P.E. teacher and the Adapted P.E. Specialist to help provide a successful P.E. experience for the Adapted P.E. student.

## P.E. Band & Color Guard A

Course # 11005

**Grades:** 9-12  
**Duration:** 1st Semester - Band/2nd Semester - Core PE  
**Prerequisite:** Students must complete 10 units of Core A and 10 units of Core B Physical Education to meet CUSD graduation requirements. Permission of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

P.E. Band & Color Guard A allows students to rehearse for competition in addition to meeting requirements of the elective Physical Education program.

## P.E. Core A / B

Course # 11030(A) / # 11301(B)

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

This core curriculum class provides direct instruction on the concepts related to the physiology of exercise, exposes students to a wide variety of sport activities, and prepares students to be informed consumers in physical and recreational activities. Upon the completion of four semesters of Core A and B physical education students are eligible for the physical education elective curriculum.

## **P.E. Cross Age Tutoring AB**

**Course # 11019**

**Grades:** 11-12 (*Students must provide own transportation*)  
**Duration:** Year Course  
**Prerequisite:** *Permission of instructor, passing Healthy Fitness Standards, good attendance. Must have completed P.E. Core A & Core B to meet graduation requirement.*  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

P.E. Cross Age Tutoring AB allows tutors to experience responsibility and dependability through regular preparation and presentation of daily P.E. lessons at elementary schools with first through third grade students. Tutors will gain expertise in understanding and teaching elementary age children and will apply this knowledge through a practical teaching experience.

## **P.E. Dance 1 AB (P)**

**Course # 11307**

**Also Meets UC A-G “F” Requirement**

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** *Students must have completed 10 units of Core A and Core B to meet graduation requirements.*  
**Location:** CEHS, CWHS

This is an elective within the Physical Education and Performing Arts Departments. It is designed to develop basic technique, confidence in expression, and an appreciation for a wide variety of dance forms (i.e. jazz, modern, ballet, musical theater, social, etc.)

## **P.E. Dance 2 AB (P)**

**Course # 11308**

**Also Meets UC A-G “F” Requirement**

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** *Dance 1 AB or permission of instructor; a “C” average in PE and must have completed 10 units of Core A and Core B to meet graduation requirements.*  
**Location:** CEHS,

This is an elective within the Physical Education and Performing Arts Department. It is designed for the continuing student who has completed Dance 1 AB (or enter with permission of instructor based on strong dance background, and desire for more in-depth knowledge of dance.) There will be a strong emphasis on the elements of choreography, presentation, and critical analysis.

## **P.E. Dance Repertory AB (P)**

**Course # 11309**

**Also Meets UC A-G “F” Requirement**

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** *Audition by instructor; A/B average in P.E. and must have completed 10 units of Core A and Core B to meet graduation requirements.*  
**Location:** CEHS, CHS

This is an elective within the Physical Education and Performing Arts Department. It is designed to work at an advanced level to build upon and refine techniques, styles, and their overall knowledge regarding the art and heritage of dance. There will be a strong emphasis on performance, touring, and college and career opportunities.

## **P.E. Lifetime Sports AB**

**Course # 11027**

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** *Student must have completed ten units of Core A and ten units of Core B. Optional off-campus activities may be offered, depending upon available transportation.*  
**Location:** BHS

Lifetime Sports is an introduction to a wide variety of activities which the student can participate in after graduation and into adulthood.

## **P.E. Pep & Cheer AB**

**Course # 11010**

**Grades:** 9-12  
**Duration:** 1st Semester Pep/2nd semester Core PE  
**Prerequisite:** Students must complete 10 units of Core A and 10 units of Core B Physical Education Program to meet graduation requirements. Selection to a pep/spirit squad.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

P.E. Pep & Cheer AB allows pep/cheer squad members to enroll in the same class and incorporate squad routines into their physical fitness program, as well as participating in regular physical education activities, in addition to the Core Physical Education program.

## **P.E. Recreation & Core AB**

**Course # 11023**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CCDS, COS, E, GHS

The course focuses on developing a high level of health, wellness and physical fitness through a variety of activities and assignments. The curriculum includes participation in individual sports, team sports, outdoor education and healthy recreation activities. The program concentrates on the establishment of positive lifetime habits and decision-making skills.

## **P.E. Strength & Weight Training AB**

**Course # 11016**

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Completed 10 units of Core A and Core B to meet graduation requirements.  
**Location:** BHS, CEHS, CHS, CNHS

P.E. Strength and Weight Training AB weight training provides an opportunity for students to improve muscle strength and endurance. Students will study the muscular and cardiovascular system, nutritional aspects of fitness, and assess body composition. The conditioning unit will provide for cardiovascular improvement.

## **P.E. Team & Individual Sports AB**

**Course # 11024**

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Students must have passed 10 units of Core A and Core B to meet graduation requirements.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

This class provides instruction at the advanced levels for a variety of team and individual sports. Instruction will include theory and analysis of movement, application and techniques.

# SCIENCE

## Adv. Interdisciplinary Science for Sustainable Agriculture AB (HP)

Course # 35D03.CTE

(Refer to CTE Agricultural Science Pathway)

## Ag Engineering I AB

Course # 39007.CTE

(Refer to CTE Agricultural Mechanics Pathway)

## Ag Engineering II AB (P)

Course # 39020.CTE

(Refer to CTE Agricultural Mechanics Pathway)

## Ag Engineering III AB

Course # 39021.CTE

(Refer to CTE Agricultural Mechanics Pathway)

## Ag Science I AB

Course # 35001.CTE

(Refer to CTE Agricultural Science Pathway)

## Agricultural Biology AB (P)

Course # 55003

Meets UC A-G "D" Requirement

**Grades:** 9-11  
**Duration:** Year Course  
**Prerequisite:** Successful completion of Science 8.  
**Location:** CEHS

Agricultural Biology is the study of plants and animal life, their relationship to one another, and of man in his environment. Using agriculture as the model, this class takes biology to the applied level and students experience how agriculture affects all of our lives. This is an applied, hands-on learning class utilizing the Ag Center facilities and farm laboratory for experiments, research projects, and presentations.

## Anatomy & Physiology AB (P)

Course # 55701

Meets UC A-G "D" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Biology AB with grade of "B" or better; Chemistry AB recommended.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Anatomy and Physiology AB is an advanced laboratory class of the biological sciences. The course emphasizes the structure (anatomy) and function (physiology) of the human body through a systems approach.

## AP Biology AB (HP)

Course # 55702

### Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** *Biology AB and Chemistry AB both with grade of “B” or better, Anatomy and Physiology AB recommended.*  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions.

## AP Chemistry AB (HP)

Course # 55703

### Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** *Chemistry AB (P) with grade of “B” or better and permission of instructor. Math 3 AB (P) concurrent enrollment required.*  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Created by the AP Chemistry Development Committee, the course curriculum is compatible with many Chemistry courses in colleges and universities.

## AP Computer Science Principles AB (HP)

Course #43G03 or 43G03.CTE

### Meets UC A-G “D” Requirement-UC Honors Course

(Refer to CTE Software and Systems Development Pathway)

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

## AP Environmental Science AB (HP) - CTE

Course # 55D99.CTE

(Refer to CTE Environmental Resources Pathway)

## AP Environmental Science AB (HP)

Course # 55728

### Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** *Biology, Chemistry, Math 1 & Math 2.*  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS

The AP Environmental Science course is the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

## AP Physics 1 AB (HP)

Course # 55D11

### Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** *Concurrent enrollment in Math 3 AB or higher is required.*  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

## AP Physics C AB (HP)

Course # 55D01

Meets UC A-G "D" Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Concurrent enrollment in AP Calculus AB or BC or college calculus equivalent.  
**Location:** BHS, CNHS, CWHS

This course prepares students to pass the national exam(s) for AP Physics C (Mechanics) and for AP Physics C (Electricity and Magnetism) in May for college placement and/or credit. It is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. This course includes one semester of instruction in Mechanics and one semester of instruction in Electricity and Magnetism. Mechanics explores topics such as kinematics; Newton's Laws of Motion; energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Electricity and Magnetism explores topics such as electrostatics; conductor, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus are used throughout this course.

## Biology AB (P)

Course # 55709

Meets UC A-G "D" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E, GHS

Biology AB (P) uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Life Science and Earth and Space Science performance expectations. Phenomena and real-world problems will be used to engage students in the core ideas covered in this course, which include homeostasis and life functions in cells and organisms, history of Earth's atmosphere, inheritance and variation in life, natural selection and evolution, energy and matter flow in organisms and ecosystems, and human impacts on ecosystems. Students will explore and explain these core ideas using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## Biology Honors AB (P)

Course # 55708

Meets UC A-G "D" Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** Grades and teacher recommendation.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Biology Honors AB (P) is a laboratory science course designed to prepare students to take AP Biology. It uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Life Science and Earth and Space Science performance expectations. Special emphasis is placed upon the scientific approach to critical thinking while using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## Biology & Sustainable Ag AB (P)

Course # 35D01.CTE

(Refer to CTE Ag Mechanics, Ag Science, Animal Science, Plant & Soil Science Pathways)

## CDE Animal Science AB (P)

Course # 35G02.CTE

(Refer to CTE Animal Science Pathway)

## Chemistry AB (P)

Course # 55710

Meets UC A-G "D" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Concurrent enrollment in Math 2 AB or higher is recommended.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CART, E, COS, GHS

Chemistry AB (P) uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Physical Science (Chemistry) and Earth and Space Science performance expectations. Phenomena and real-world problems will be used to engage students in the core ideas covered in this course, which include: energy and matter transformations in Earth's systems, element formation and life cycle of stars, understanding of the periodic table, nuclear chemistry, chemical bonds and bulk properties of substances, predicting chemical reactions, stoichiometry, changes to systems in equilibrium, and chemistry of the environment. Students will explore and explain these core ideas using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## Chemistry and Agriscience AB (P)

Course # 35D02.CTE

(Refer to CTE Agricultural Science Pathways)

## Chemistry/Environmental Engineering-Water AB (P)

Course # 55D20.CTE

(Refer to CTE Engineering Design Pathway & Environmental Resources Pathway)

## Chemistry Honors AB (P)

Course # 55711

Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 10-11  
**Duration:** Year Course  
**Prerequisite:** Grades and teacher recommendation. Concurrent enrollment in Math 2 AB or higher is recommended.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Chemistry Honors AB (P) is a laboratory science course designed to prepare students to take AP Chemistry. It uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Physical Science (Chemistry) and Earth and Space Science performance expectations. Special emphasis is placed upon the scientific approach to critical thinking while using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## Geology AB (P)

Course # 55037

Meets UC A-G “D” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Completion of Biology and Math I  
**Location:** CNHS

Geology is a yearlong laboratory physical science that meets requirements for high school graduation. This course will introduce students to a study of the Earth. Topics include the Earth’s surface and features, its atmosphere and oceans, the environment and our resources as well as Earth history and processes.

## Honors Environmental Sustainability AB (HP)

Course # 35D04.CTE

(Refer to CTE Environmental Resources Pathway)

## Integrated Physical Science AB (P)

Course # 55D10

Meets UC A-G “D” Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** Corequisite of Math 1.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CART, COS, E

Integrated Physical Science is a college preparatory lab-based course that immerses students in the topic areas of Chemistry, Physics, and Earth and Space Sciences. This comprehensive view gives the students an understanding of the concepts and principles of science and provides fundamental skills in scientific inquiry, problem-solving and technological skills necessary to compete successfully in the 21st century. Some areas of study include atomic structure, periodic table, astronomy, force and motion, cycling of matter, and relationships with Earth systems.

## Physics AB (P)

Course # 55713

Meets UC A-G “D” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Concurrent enrollment in Math 2 AB or higher, teacher recommendation.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CART, COS, E

Physics AB (P) uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Physical Science (Physics) and Earth and Space Science performance expectations. Phenomena and real-world problems will be used to engage students in the core ideas covered in this course, which include linear motion, forces and Newton’s Laws, forces and motion in the universe, properties of gravitational fields, momentum and collisions, work, energy transformations in systems, natural energy resources, Earth’s internal systems and structure, wave properties, interactions, and technology, static and current electricity, and magnetism. Students will explore and explain these core ideas using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## Physics and Technology AB (P)

Course # 55901

Meets UC A-G "D" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Math 1 AB. Concurrent enrollment in Math 2 AB or higher.  
**Location:** CWHS, CART, COS, E

This course gives students a working knowledge of the physical principles that apply to modern technology of today. Physics and technology investigate seven scientific and physical principles: force, work, rate, resistance, energy, power, and force transformers, and applies them in a very real and practical way. It does this by relating each of the seven principles to four basic systems: mechanical, fluid, electrical, and thermal systems. Within each of those areas, students construct and perform high quality lab experiments related to actual applications used in modern technology.

## Plant Production Management AB (P)

Course # 33G12.CTE

(Refer to CTE Plant & Soil Science Pathway)

## Science 1 AB

Course # 55040

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** COS, CART, CCDS, E,

Science I AB is an entry level high school lab science course. It will focus on concepts of earth and physical sciences with emphasis placed on scientific processes and investigation. This course meets the CUSD graduation requirement in physical science.

## Science 2 AB

Course # 55041

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CWHS, CCDS, COS, E,

Science 2 AB extends the student's science comprehension and development of higher-order thinking skills. It will focus on life science, with an emphasis on relevant applications using scientific processes and investigations. This course meets the CUSD graduation requirement in life science.

## Sports Medicine AB (P) (ROP)

Course # R5045

(Refer to CTE Patient Care Pathway)

## Veterinary Science AB (P)

Course # R9986

(Refer to CTE Animal Science Pathway)

## Zoology AB (P)

Course # 55715

Meets UC A-G "D" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Biology AB with grade of "B" or better and recommendation of instructor.  
**Location:** CEHS, CWHS, CART

Zoology AB gives students an introduction to the field of zoology, the scientific study of the behavior, structure, physiology, classification, and distribution of animals. Major emphasis is placed on internal and external anatomy, interspecific comparative anatomy/physiology, laboratory studies, natural history, and ecological/phylogenetic relationships.

# WORLD LANGUAGE

## AP Chinese Language Literature and Culture AB (HP)

Course # 99E02

Meets UC A-G “E” Requirement – UC Honors Course

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Chinese 3AB with grade of “B” or better or approval of instructor.  
**Location:** BHS, CWHS

The AP Chinese Language and Culture course in Mandarin Chinese emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Chinese Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Chinese.

## AP French Language Literature and Culture AB (HP)

Course # 98801

Meets UC A-G “E” Requirement – UC Honors Course

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** French 3AB with grade of “B” or better or approval of instructor.  
**Location:** BHS, CEHS, CNHS

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French.

## AP German Language Literature and Culture AB (HP)

Course # 98824

Meets UC A-G “E” Requirement – UC Honors Course

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** German 3AB with grade of “B” or better or approval of instructor.  
**Location:** BHS, CHS

The AP German Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP German Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in German.

## AP Spanish Language and Culture AB (HP)

Course # 98802

Meets UC A-G “E” Requirement – UC Honors Course

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish 3AB or Spanish 4AB with grade of “B” or better or approval of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

## AP Spanish Literature and Culture AB (HP)

Course # 98814

Meets UC A-G “E” Requirement – UC Honors Course

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** *Advanced Placement Spanish Language AB (HP) with score of “3” or better on A.P. Test, completion of summer reading, must have prior experience in an upper level Spanish class or approval of instructor.*  
**Location:** BHS, CEHS, CHS, CWHS

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students continue to develop proficiencies across the full range of the modes of communication (interpersonal, presentational, and interpretive), honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism).

## Chinese 1 AB (P)

Course # 98817

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CWHS, COS, E

Chinese 1AB is an introduction to Mandarin Chinese. Vocabulary and grammatical structure of everyday situations are covered with emphasis on oral communication. Students gain comprehension in character writing of basic sentence structures. They will also develop an appreciation for the Chinese culture, both ancient and modern.

## Chinese 2 AB (P)

Course # 98818

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** *Chinese 1AB with grade of “B” or better, previous experience with language, or approval of instructor.*  
**Location:** BHS, CWHS, COS, E

Chinese 2AB extends the student’s ability in aural comprehension and speaking for direct comprehension without translation. Practice is given in using language structures, writing adapted dialogues, and writing from dictation. Outstanding figures in Chinese history, art, literature, music, and science are introduced.

## Chinese 3 AB (P)

Course # 98819

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** *Chinese 2AB with grade of “C” or better or approval of instructor.*  
**Location:** BHS, CWHS

Chinese 3AB enhances the student’s ability to think critically in the Chinese language through the study of literature. Appreciation of art and literature will be the main focus.

## French 1 AB (P)

Course # 98803

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E

French 1 AB is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the French culture and its influence throughout the world.

## **French 2 AB (P)**

**Course # 98804**

**Meets UC A-G “E” Requirement**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** French 1AB with grade of “C” or better or approval of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E

French 2 AB continues to expand the students’ knowledge of the language through additional and extended thematic units. Extensive oral communication and grammatical development will be obtained through projects, literature, written expression and cultural activities.

## **French 3 AB (P)**

**Course # 98805**

**Meets UC A-G “E” Requirement**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** French 2AB with grade of “C” or better or approval of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E

French 3AB is designed to expand and strengthen oral, reading and written communication with an emphasis on literature, composition and conversation.

## **French 4 AB (P)**

**Course # 98826**

**Meets UC A-G “E” Requirement**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** French 3AB with a grade of “B” or better or approval of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

French 4AB is designed for students to develop and strengthen their language skills at an advanced level. Students will read, write, listen, and speak at this level. There will be an emphasis on literature, culture, and conversation.

## **German 1 AB (P)**

**Course # 98806**

**Meets UC A-G “E” Requirement**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CHS, COS, E

German 1 AB is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the German culture and its influence throughout the world.

## **German 2 AB (P)**

**Course # 98807**

**Meets UC A-G “E” Requirement**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** German 1AB with grade of “C” or better or approval of instructor.  
**Location:** CHS, COS, E

German 2 AB continues to expand the students’ knowledge of the language through additional and extended thematic units. Extensive oral communication and grammatical development will be obtained through projects, literature, written expression and cultural activities.

## **German 3 AB (P)**

**Course # 98808**

**Meets UC A-G “E” Requirement**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** German 2AB with grade of “B” or better or approval of instructor.  
**Location:** BHS, CHS

German 3AB is designed to expand and strengthen oral, reading and written communication with an emphasis on literature, composition and conversation.

## German 4 AB (P)

Course # 98828

### Meets UC A-G "E" Requirement

**Grades:** 12  
**Duration:** Year Course  
**Prerequisite:** German 3AB with grade of "B" or better or approval of instructor.  
**Location:** CHS

German 4AB is a communication-based course which provides students with an intermediate to advanced level learning of the German Language and Culture and is designed to develop listening, speaking, reading and writing skills. Students should be able to comprehend and respond with grammatical accuracy to spoken and written German and demonstrate cultural awareness.

## Hmong 1 AB (P)

Course # 98816

### Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of Instructor  
**Location:** BHS, CEHS, CHS

Hmong 1 AB is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the Hmong culture and its influence throughout the world.

## Hmong 2 AB (P)

Course # 98832

### Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Passing grade of "C" or better in Hmong 1AB or approval of instructor.  
**Location:** BHS, CEHS, CHS

Hmong 2AB is designed to provide a more in-depth knowledge of the Hmong language for non-native speakers. This course will extend student's knowledge of Hmong language through the use of short stories, history, art and music. The course will maintain and extend oral language, written language, and cultural literacy learned in Hmong 1AB.

## Hmong 3 AB (P)

Course # 99E01

### Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Passing grade of "B" or better in Hmong 2AB  
**Location:** BHS, CEHS, CHS

Hmong 3AB is designed to expand and strengthen oral, reading and written communication with an emphasis on culture, composition, and conversation.

## Spanish 1 AB (P)

Course # 98811

### Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E, GHS

Spanish 1 AB is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the Hispanic culture and its influence throughout the world.

## Spanish 2 AB (P)

Course # 98812

### Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish 1AB with grade of "C" or better in both semesters or approval of instructor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E, GHS

Spanish 2 AB continues to expand the students' knowledge of the language through additional and extended thematic units. Extensive oral communication and grammatical development will be obtained through projects, literature, written expression and cultural activities.

## Spanish 2 Honors AB (P)

Course # 99E50

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish I with a grade of "A" or fluent in Spanish.  
**Location:** CWHS

Spanish 2 Honors will continue to expand the students' knowledge of the language through additional and extended thematic units. Students will focus on reading, writing, and formal presentations. The class will be conducted in the target language at an accelerated pace while enhancing language skills to prepare for advanced language courses.

## Spanish 3 AB (P)

Course # 98813

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish 2AB or Spanish for Spanish Speakers 1AB or 2AB with grade of "B" or better or approval of instructor.  
**Location:** BHS, CEHS, CHS, CWHS, COS, E, GHS

Spanish 3AB is designed to expand and strengthen oral, reading and written communication with an emphasis on literature, composition and conversation.

## Spanish 3 Honors AB (P)

Course # 99E51

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish 2 Honors with a grade of "B" or better.  
**Location:** CNHS, CWHS

Spanish 3 Honors assumes control of vocabulary and grammar structures learned in previous levels. The class will introduce new advanced grammar, and will lay the foundation for interpersonal, interpretative, and presentational skills needed to succeed in an advanced language class. Students will focus on reading, writing, and formal presentations. Instruction will be conducted in the target language at an accelerated pace.

## Spanish 4 AB (P)

Course # 98827

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish 3AB with a grade of "B" or better or approval of instructor.  
**Location:** BHS, CEHS, CNHS, CWHS

Spanish 4AB is designed for students to develop and strengthen their language skills at an advanced level. Students will read, write, listen, and speak at this level. There will be an emphasis on literature, culture, and conversation.

## Spanish for Native Speakers 1 AB (P)

Course # 98829

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Student must be a Spanish speaker.  
**Location:** CHS

Spanish for Native Speakers 1AB is designed to provide a high level of language instruction through the use of literature, essay writing, oral communication and listening comprehension.

## Spanish for Native Speakers 2 AB (P)

Course # 98830

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish for Native Speakers 1AB, grade of "C" or better, or permission of instructor.  
**Location:** CEHS, CHS

Spanish for Native Speakers 2AB (Level 2) is designed to continue the high level of language instruction provided in Level 1 through more advanced and extensive literature, essay writing, oral communication and listening comprehension.

# ELECTIVES

## Accounting AB (P)

Course # 33G21.CTE

(Refer to CTE Financial Services Pathways)

## Auto 2 AB

Course # 30088.CTE

(Refer to CTE Systems, Diagnostics, Service, & Repair Pathway)

## Auto 2 A (Automotive Electrical Systems)

Course # 30053

**Grades:** 11-12  
**Duration:** Semester Course; to be taken with Auto 2B.  
**Prerequisite:** Auto 1AB with grade of "C" or better.  
**Location:** CWHS

This course deals with the electrical needs of the automobile and its related components. It involves a detailed study of the starting, charging, ignition, lighting, computer controls, and auxiliary electrical systems used on the car. Students will work with and study the electrical test equipment used in troubleshooting the above-mentioned systems. Lab work will include the study of diagrams and the correction of malfunctioning electrical systems and their related components.

## Auto 2 B (Auto Brake and Suspension Systems)

Course # 30054

**Grades:** 11-12  
**Duration:** Semester Course; to be taken with Auto 2A.  
**Prerequisite:** Auto 1AB with grade of "C" or better.  
**Location:** CWHS

This course focuses on the design, function, and construction of automotive brakes, suspension, steering, tires, and wheel alignment. Students will gain a thorough understanding of the above-mentioned systems and participate in the diagnosis and correction of problems related to same.

## Auto 3 AB

Course # 30089.CTE

(Refer to CTE Systems, Diagnostics, Service, & Repair Pathway)

## Auto 3 A (Automotive Transmission and Power Train) AB

Course # 30059

**Grades:** 11-12  
**Duration:** Semester Course; to be taken with Auto 3B  
**Prerequisite:** 20 units of prior automotive coursework with a grade of "C" or better and permission of instructor.  
**Location:** CWHS

This course is designed to provide the student with an understanding of how power is transmitted from the engine to the driving wheels. The clutch assembly, manual and automatic transmission, universal joint, propeller shaft, differential, and the axle assembly will be the focal points of study during the semester. The student will participate in the disassembly, servicing, and reassembly of these components.

## Auto 3 B (Automotive Engines) AB

Course # 30035

**Grades:** 11-12  
**Duration:** Semester Course; to be taken with Auto 3A  
**Prerequisite:** 20 units of prior automotive coursework with a grade of "C" or better and permission of instructor.  
**Location:** CWHS

This course focuses on the theory, design, construction, and operation of the internal combustion engine. Laboratory work will consist of the engine manufacturing processes and involve engine disassembly, measurement, inspection, machining, reassembly, and adjustment

## Auto Systems Technology AB (ROP)

Course # R3002

(Refer to CTE Systems, Diagnostics, Service, & Repair Pathway)

## **Basic Auto AB**

**Course # 30087.CTE**

(Refer to CTE Systems, Diagnostics, Service, & Repair Pathway)

## **Basic Foods AB**

**Course # 30041**

*Grades:* 9-12  
*Duration:* Year Course  
*Prerequisite:* None  
*Location:* CCDS, E, GHS

Basic Foods AB provides an introduction to basic terms, safety, recipes, measurement and nutrition. Areas of emphasis include fruits and vegetables, milk and dairy products, breads, desserts and meat preparation. Food preparation days, meal planning, and budgeting are also included.

## **Basic Metal Manufacturing AB**

**Course # 30073.CTE**

(Refer to CTE Residential and Commercial Construction Pathway)

## **Basic Woodworking AB**

**Course # 30074**

*Grades:* 9-12  
*Duration:* Year Course  
*Prerequisite:* None  
*Location:* BHS

Basic Woodworking AB is an exploratory course which includes instruction and practice in safety, measurement, planning, wood identification and use, hand and machine woodworking tools, wood joinery, and wood finishing. Students will be required to construct several instructor-assigned projects.

## **Building Trades Internship AB (ROP)**

**Course # R3016**

(Refer to CTE Residential and Commercial Construction Pathway)

## **Business & Financial Services Internship AB (P)**

**Course # 33G16.CTE**

(Refer to CTE Financial Services Pathway)

## **Careers AB**

**Course # 30032**

*Grades:* 9-12  
*Duration:* Year Course  
*Prerequisite:* None  
*Location:* CCDS, COS, E, GHS

Careers AB is designed to acquaint the student with information and skills needed to find and keep the right job, and to handle adult situations. Careers may be used to meet the unit requirement in Business, Home Economics, and Industrial Technology.

## **Careers in Child Development AB (ROP) (P)**

**Course # R9081**

(Refer to CTE Child Development Pathway)

## **Careers in Education AB (ROP) (P)**

**Course # R9046**

(Refer to CTE Education Pathway)

## Child Development A

Course # 30042

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None; Recommended for students entering elementary education or other child-related career.  
**Location:** CCDS, E

Child Development A includes units in pregnancy and prenatal development, infant care, growth and development patterns during early childhood, and techniques of discipline and guidance. Students will observe and work with preschool children regularly to enable them to have actual experience in working with young children.

## Collaborative Mentoring AB

Course # 00066

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Application including teacher recommendation, interview and resulting permission of instructor(s), eligibility Statement, confidentiality agreement.  
**Location:** BHS, CEHS, CHS, CWHS

This course is designed for General Education (Mentor) students who desire to help others who have special needs, students with IEPs, or 504 plans. Mentor students will work one-on-one with Special Education students in elective courses. Mentors will develop leadership skills, learn problem-solving skills and behavior management techniques. Special Education students will work with a mentor student to complete a variety of projects. Special Education students will develop listening skills, cooperative learning skills, social skills, and appropriate classroom behavior.

## Computer Aided Design and Engineering (P)

Course # 43G02

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Grade of B or A in Math 1 (or B or A in higher level math course)  
**Location:** CNHS

Computer Aided Design and Engineering is a course using 3D modeling software that takes students through hands on projects to create a work product ready to be manufactured or engineered. Students learn the functions of the SolidWorks software program to render 3D models of components to be manufactured. Students then take their renderings and create the actual products using the Velox CNC Router, lathes, 3D printers and other manufacturing tools.

## Computer Applications AB - CTE

Course # 39099.CTE

(Refer to CTE Business Management Pathway)

## Computer Applications 1 AB

Course # 39013

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CEHS

This course is designed for students who desire keyboarding skills for college and personal use. Students will learn keyboard and word processing applications, databases, spreadsheet, graphics, and basic desktop publishing skills.

## Computer Applications 2 AB

Course # 39014

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Successful completion of Computer Applications 1  
**Location:** CEHS

This course will include intermediate/advanced skills including the Microsoft Office Suite. Word processing spreadsheet, database, and presentation applications as well as desktop publishing skills will be included.

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**Construction Technology I AB - Introduction** **Course # 33G04.CTE**

(Refer to CTE Residential and Commercial Construction Pathway)

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**Criminal Investigation AB (ROP)** **Course # R9094**

(Refer to CTE Public Safety Pathway)

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**Criminal Justice AB (ROP)** **Course # R9048**

(Refer to CTE Public Safety Pathway)

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**Culinary Arts AB (ROP) (P)** **Course # R3017**

(Refer to CTE Food Service and Hospitality Pathway)

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**Culinary Arts & Hospitality Management AB (ROP) (P)** **Course # R3905**

(Refer to CTE Food Service and Hospitality Pathway)

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**Diesel Engine Technology (ROP)** **Course # R3050**

(Refer to CTE Systems Diagnostic, Service, and Repair Pathway)

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**Electronic Systems – Sound and Communication AB (ROP)** **Course # R3021**

(Refer to CTE Residential and Commercial Construction Pathway)

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**Engine Technology AB (ROP)** **Course # R3010**

(Refer to CTE Systems, Diagnostics Service Repair Pathway)

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**Entrepreneurship and Marketing AB** **Course # 39060**

*Grade:* 12  
*Duration:* Year Course  
*Prerequisite:* Application Process.  
*Location:* BHS, CWHS, COS, E, GHS,

This course emphasizes marketing in the study of entrepreneurship. Students learn how the tools of marketing decisions for goods and services are used in business. They engage in marketing analysis and research. Students will learn to solve marketing related problems a business may face, and they will also take a practical look at building a marketing plan for the development of a new product or service.

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**Equine Science** **Course # R5001**

(Refer to CTE Animal Science Pathway)

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**Exploring Computer Science (P)** **Course # 43G01.CTE**

(Refer to CTE Software and Systems Development Pathway)

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**Farm to Table (\*P)** **Course # 33G23.CTE**

(Refer to CTE Plant Science Pathway)

## **Fashion Design A**

**Course # 30043**

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CCDS, E, GHS

Fashion Design A is a one semester course in the basics of fashion. Units covered include the design elements and color as they apply to figure silhouette and fashion selection; basic textiles used in the fashion industry; a history of fashion over the past 200 years; wardrobe selection and planning; the basics of fashion illustration techniques; and careers available in the field of fashion design and merchandising.

## **Fire Fighting Technology I AB (ROP)**

**Course # R3018**

(Refer to CTE Emergency Response Pathway)

## **Fire Fighting Technology II AB (ROP)**

**Course # R3028**

(Refer to CTE Emergency Response Pathway)

## **Focus on College and Career A (P)**

**Course # 33029**

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Semester  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CWHS, CCDS, COS, E, GHS

Focus on College and Career is a one-semester course designed to help students learn and practice valuable skills to help them identify personal strengths, areas of interests, and career pathways to possible future post-secondary endeavors. Students will demonstrate their understanding of career paths through a variety of assessments, projects, job simulations, speeches, research assignments, and counselor guidance lessons. Students will also identify academic interests, skills, values and personality types, research employers and industries, gain experience with public speaking and interview skills, familiarize themselves with college and job search tools, strengthen writing and communication skills, learn goal setting, all culminating in completion of a 10 Year Plan.

## **Food Science AB (P)**

**Course # 33G08.CTE**

(Refer to CTE Agricultural Science Pathway)

## **Food Science and Nutrition AB (P)**

**Course # 33G11.CTE**

(Refer to CTE Food Service and Hospitality)

## **Fundamentals of Carpentry AB**

**Course # 33012.CTE**

(Refer to CTE Residential and Commercial Construction)

## **Furniture as Art AB**

**Course # 77001**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Good attendance and citizenship.  
**Location:** BHS

This course is a study of studio furniture design, the history of furniture, and furniture making. Students will gain insights into the design process; develop a visual vocabulary of design elements to express ideas, and to direct the design process to bring the visual vocabulary to a 3-dimensional form. Students will work through the design process and create an object of their choice using wood, glass, stone, metal, plastic fiber, and other mediums. Students will also study the history of furniture from the ancient world to modern furniture.

## General Art AB

Course # 78001

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** COS, E, GHS

General Art AB is designed to give the individual student an opportunity to explore a wide range of Art materials and media with great emphasis on functional as well as aesthetic designs, good craftsmanship, and developmental skills.

## General Work Experience AB

Course # 00002

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Approval of parent, counselor, WEE coordinator, employer; acceptable employment; 16 years of age.  
**Location:** BHS, CEHS, GHS

General Work Experience AB is a combination of work experience education and paid employment designed to assist the student in acquiring desirable work habits, skills, and attitudes. The paid employment need not be related to the student's career goal(s). The student is required to attend a weekly meeting to complete related instructional assignments and to submit timecards to the WEE coordinator by specific dates. A maximum of 20 General Work Experience credits can be earned.

## Health & Medical Wellness (P) (ROP)

Course # R3G04.CTE

(Refer to CTE Patient Care Pathway)

## History Through Film A

Course # 60G04

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CHS

Studying historical occurrences of armed conflict provides perspective for shaping responses to the complex and often contentious peace and security issues regarding current conflicts. This is essential background information for conflict management, resolution, prevention and peace building. With conflict as the focus, this course examines Hollywood feature films and historical dramas as historical evidence. Students view movies on various conflicts, participate in seminar discussions, and write essays comparing the film evidence to information in more traditional sources.

## Honors Computer Integrated Manufacturing AB (HP)

Course # 35G06.CTE

(Refer to CTE Engineering Design Pathway)

## Honors Engineering Design & Development AB (HP)

Course # 35G05.CTE

(Refer to CTE Engineering Design Pathway)

## Honors Principles of Engineering AB (HP)

Course # 53G04.CTE

(Refer to CTE Engineering Design Pathway)

## Interior Decoration A

Course # 30044

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CCDS, E

Interior Decoration A is a semester course that includes units in designing floor plans, the principles of design, the use of color, lighting variations and furniture styles, and arrangements. Students will complete interior decoration projects.

## Innovation and Product Design AB (P)

Course # 33G22.CTE

(Refer to CTE Product Innovation and Design Pathway)

## Intermediate Woodworking AB

Course # 30082

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** One year of basic woodworking at the intermediate or high school level with a grade of "C" or better or permission of instructor.  
**Location:** BHS

Intermediate Woodworking AB focuses on the efficient methods of planning and designing projects that are well suited to the accepted techniques of construction and use. The student will be required to apply numerous woodworking machines and processes to a number of required and individually designed projects. The course will prepare students for advanced woodworking or any vocational cabinetmaking and millwork class.

## Introduction to Computers A

Course # 30014

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** Keyboarding A or teacher permission.  
**Location:** CHS

This course is designed for students to improve basic computer skills by exploring a variety of computer applications utilizing the Microsoft Office Suite (Word, Excel, Power Point). Students will also be introduced to and develop skills in the area of career preparations, job acquisition and retention, business communications, financial concepts, and leadership development.

## Introduction to Finance AB (P)

Course # 33615.CTE

(Refer to CTE Financial Services Pathway)

## Journalism & Publishing AB (ROP)

Course # R3004

(Refer to CTE Design, Visual, & Media Arts Pathway)

## Keyboarding A

Course # 30015

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CHS

This course is intended for students who desire keyboarding skills that will enable them to use a computer efficiently. Students will master the touch method of keying the alphabetic and number keys and the numeric keypad. Students will have some exposure to basic computer applications and skills.

## Manufacturing and Product Design (ROP)

Course # R5020

(Refer to CTE Product, Innovation, and Design Pathway)

## Marketing Management 1 AB

Course # 30016

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, COS, E, GHS

Marketing/Management 1 AB teaches students important aspects of marketing as a career, communications and human relations skills, the changing consumer market, planning sales promotion and advertising, marketing research in retailing, developing pricing policies, free enterprise and profits, computerized inventory-control systems and data processing.

## Marketing Management 2 AB

Course # 30017

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Marketing Management 1AB; permission of instructor.  
**Location:** BHS

Marketing Management 2AB is designed to provide advanced marketing students with an opportunity to apply skills in a practical situation. The students act as assistant managers of the student store. Under close supervision of the teacher, the students perform most tasks associated with the operations of a small retail business.

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**Medical Careers AB (ROP)****Course # R3019**

(Refer to CTE Patient Care Pathway)

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**Medical Health Careers (P)****Course # 33G17.CTE**

(Refer to CTE Patient Care Pathway)

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**Multi-Craft Core Curriculum:  
Building Scaled Structures AB (HP) (ROP)****Course # R3G01**

(Refer to CTE Residential and Commercial Construction Pathway)

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**On Your Own A****Course # 30046**

*Grades:* 10-12  
*Duration:* Semester Course  
*Prerequisite:* None  
*Location:* CCDS, COS, E, GHS

On Your Own is a course for students interested in learning about the rights and responsibilities of independent young adults. Topics include apartment living, money management, basic foods cookery, food buying, nutrition, automobile purchases, credit, consumer laws, sewing skills, and job skills.

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**Parenting 1 AB****Course # 30048**

*Grades:* 9-12  
*Duration:* Year Course  
*Prerequisite:* None  
*Location:* CCDS, E, GHS

Parenting 1AB is designed for the teenage expectant parent emphasizing good prenatal health, preparation for the total birth experience, care of newborn, and basics of living on own. It will acquaint the student with agencies available to them, help develop self-confidence and work with educational and vocational goals.

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**Parenting 2 AB****Course # 30050**

*Grades:* 9-12  
*Duration:* Year Course  
*Prerequisite:* None  
*Location:* CCDS, E, GHS

Parenting 2AB includes units concerning the child from six weeks to preschool age. These units include growth and development patterns, daily care, activities for and with the child, techniques of discipline and guidance, cross-cultural aspects of child rearing, food for the baby/family, medical care, consumerism, marriage, safety, budgeting, housing, community resources, child and parent self-esteem, and future plans for the family.

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**Parenting 3 AB****Course # 30052**

*Grades:* 9-12  
*Duration:* Year Course  
*Prerequisite:* None  
*Location:* CCDS, E, GHS

Parenting 3AB focuses on children between ages 2 and 4. Units include growth and development, health and nutrition, medical care, self-concept, daily care and parenting, discipline strategies and guidance, age appropriate activities, preschool readiness, family and communication, and community resources.

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**Personal Finance AB (P)****Course # 33G14.CTE**

(Refer to CTE Financial Services Pathway)

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**Principles of Athletic Training AB (ROP)****Course # R9065**

(Refer to CTE Patient Care Pathway)

## Principles of Engineering & Robotics AB (P)

Course # 35G03

Meets UC A-G "G" Requirement

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CEHS, CNHS

Principles of Engineering will be provided a systems approach to Robotic Engineering. Students will learn computer-aided design, programming, basic electricity, and fabrication skills needed to design, build and test robots. Coursework in these areas will be focused around the FIRST Robotics Competition. This course explores the interaction of science and technology designed to interest students in the Field of robotics and motivate them to pursue advanced education in science and engineering.

## Publishing Management AB (ROP)

Course # R9079

(Refer to CTE Design, Visual, & Media Arts Pathway)

## Rehabilitation Therapy Careers AB (P) (ROP)

Course # R3G03

(Refer to CTE Patient Care Pathway)

## Small Business Management AB (ROP)

Course # R9095

(Refer to CTE Business Management Pathway)

## Sociology of the Family A

Course # 30047

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CCDS, COS, E, GHS

Sociology of the Family A is a one semester class with a major emphasis on the family as a nuclear unit. An understanding of problem-solving techniques and family decision-making will be presented in such areas as: personality, dating, marriage, family management, family crisis and changing family patterns

## Sports Medicine/Fitness (P) (ROP)

Course # R5045

(Refer to CTE Patient Care Pathway)

## Success A

Course # 30051

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** CCDS, COS, E, GHS

Success A will focus on improving social and personal skills to promote improved interpersonal relationships, self-knowledge, self-esteem, responsibility, communication skills, assertiveness and problem-solving, decision-making, goal setting, realization and stress management skills. Students will be taught to relate positively and effectively with peers, teachers, parents, and authority figures.

## Welding Fabrication and Application AB (ROP)

Course # R3041

(Refer to CTE Agricultural Mechanics Pathway)

## Welding Processes and Fabrication AB (ROP)

Course # R3029

(Refer to CTE Agricultural Mechanics Pathway)

# SPECIAL PROGRAMS

## AVID 9AB (P)

Course # 00905

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Major Concepts/Content: Advancement Via Individual Determination (AVID) is an elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth.

## AVID 10AB (P)

Course # 00904

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Major Concepts/Content: Advancement Via Individual Determination (AVID) is an elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth.

## AVID 11AB (P)

Course # 00903

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Major Concepts/Content: Advancement Via Individual Determination (AVID) is an elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth.

## AVID 12AB (P)

Course # 00901

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS

Major Concepts/Content: Advancement Via Individual Determination (AVID) is an elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth.

## Community Involvement A

Course # 00037

**Grades:** 9-12  
**Duration:** Semester  
**Prerequisite:** None  
**Location:** COS, E

Community involvement is available to students enrolled in Alternative Education. In this program students volunteer their time to provide worthwhile services to their community. Students may earn up to five elective credits per semester. Twenty hours of community involvement is required for each credit. The student or parent must furnish transportation. The work Experience Coordinator must approve the job site before the student starts work. Student volunteers will meet with the Work Experience Coordinator once a week for work related classroom instruction.

## Debate AB

Course # 23010

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of Instructor, weekend competitions are required.  
**Location:** CEHS

Debate AB is a course in competitive speech which provides instruction in argumentation theory and application leading to participation in interscholastic debate contests. The course emphasizes research, analysis, organizational skills, debate theory and persuasive speaking.

## Forensics AB (P)

Course # 23517

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of Instructor, weekend competitions are required.  
**Location:** BHS, CEHS, CHS, CNHS

Forensics AB (P) is a course in competitive speech which provides the student with the opportunity to manifest oral skills through preparation for, and participation in, interscholastic speech. A variety of speech events provide exposure to acting with humorous or dramatic interpretations: research skills with original events and critical analysis with writing in preparation for events. The course also encourages a creative outlet for young writers with a prose/poetry emphasis.

## Junior ROTC - Aerospace Science I AB (P)

Course # J0001

Meets UC A-G "G" Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CEHS

A United States Air Force JROTC program available only to full-time Clovis East High School students. The program offers citizenship education, leadership education, aviation history, cultural studies, science of flight, physical and biological sciences, and physical education. Students may take one or more years, and each year is completely different. Students are eligible for ROTC college scholarships, a chance to attend a service academy and with three years, advanced rank upon entry into the armed forces. Students may attend field trips to various aerospace facilities, drill meets, sport competitions, parades and perform community service.

## Junior ROTC - Aerospace Science II AB (P)

Course # J0002

Meets UC A-G "G" Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** CEHS

A United States Air Force JROTC program available only to full-time Clovis East High School students. The program offers citizenship education, leadership education, aviation history, cultural studies, science of flight, physical and biological sciences, and physical education. Students may take one or more years, and each year is completely different. Students are eligible for ROTC college scholarships, a chance to attend a service academy and with three years, advanced rank upon entry into the armed forces. Students may attend field trips to various aerospace facilities, drill meets, sport competitions, parades and perform community service.

## Junior ROTC - Aerospace Science III AB (P)

Course # J0003

Meets UC A-G "G" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Aerospace Science 1 and/or 2.  
**Location:** CEHS

A United States Air Force JROTC program available only to full-time Clovis East High School students. The program offers life skills, leadership, management, career opportunities, astronomy, cultural studies, space science, physical education, and survival training. Students may take one or more years, and each year is completely different. Students are eligible for ROTC college scholarships, a chance to attend a service academy and with three years, advanced rank upon entry into the armed forces. Students may attend field trips to various aerospace facilities, drill meets, sport competitions, parades and perform community service.

## Junior ROTC - Aerospace Science IV AB (P)

Course # J0004

Meets UC A-G "G" Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Aerospace Science 1 and/or 2.  
**Location:** CEHS

A United States Air Force JROTC program available only to full-time Clovis East High School students. The program offers life skills, leadership, management, career opportunities, astronomy, cultural studies, space science, physical education, and survival training. Students may take one or more years, and each year is completely different. Students are eligible for ROTC college scholarships, a chance to attend a service academy and with three years, advanced rank upon entry into the armed forces. Students may attend field trips to various aerospace facilities, drill meets, sport competitions, parades and perform community service.

## Nursery Assistant A

Course # 30097

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** GHS

The Nursery assistants in the Youth Parent Program (YPP) are required to assist in providing student/parents with childcare and parenting education to enable students to complete their high school education and to better care for their children. The parent and child education center is also utilized as a vocational training center for students desiring a career in the field of child development. Students are given the opportunity to study child development and work with infants and toddlers to prepare for future jobs and parenthood. Students are taught enrichment activities for children, positive discipline, good nutrition and health practices.

## Office Assistant (Student Aid)

Course # 00005

**Grades:** 11-12  
**Duration:** Year Course, maximum of 20 credits (Pass/Fail)  
**Prerequisite:** Approval of instructor, supervisor, and student's counselor.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, GHS

Office Assistant (Student Aide) A provides an office work experience within the school setting. The student will need to possess or learn a number of clerical skills. Course will be granted on a pass/fail basis.

## Peer Counseling (P)

Course # 00G01

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E, GHS

The goal of this year-long class is to train students in communication techniques and core counseling skills used to provide peer socio-emotional support and intervention. Peer counselors are certified in decision-making, problem solving, conflict/resolution, and other peer-helping strategies. Throughout the course, peer counseling students will participate in lessons focusing on frame of reference, judgements, values, conflict-mediation and several life skills. In addition, peer counselors also provide community services to the Fresno/Clovis area and surrounding communities. Peer counselors are also responsible for forming PC Ambassador teams teaching refusal skills, anti-bullying skills, drug, alcohol, and tobacco prevention within their designated district area.

## Service Leadership AB

Course # 00069

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Instructor approval.  
**Location:** BHS, CNHS

Service Based Leadership is a year-long course which emphasizes the purpose and importance of volunteer work. Students may take this course to provide their time and talents to the community or as a way to explore various potential career fields. Students will study the history of community service and look at modern day examples of companies that “give back.” All students will volunteer a minimum of four hours per week.

## Student Leadership AB

Course # 00007

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Student Body officers, class presidents or vice-presidents, and other student leaders with approval of Activities Director.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, COS, E

Student Leadership AB is a Year Course which develops the organizational, motivational, and academic skills of the course participants. Activities within the school, district, community, and state provide students with a myriad of educational experiences. Emphasis is placed on student-conceived and student-organized programs. Students learn skills in communication and problem solving.

## Study Skills AB

Course # 00008

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Instructor/Counselor recommendation.  
**Location:** BHS, CEHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

Study Skills provides an opportunity for student to participate in acquisition of those skills necessary to organize their time, to use textbooks and library facilities efficiently, to make decisions which optimize success in high school and the future, and to take notes efficiently.

## Tutoring AB

Course # 00009

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Instructor/Counselor recommendation.  
**Location:** BHS, CHS, CNHS, CWHS, CCDS, COS, E, GHS

Tutoring AB provides the opportunity for high school students to work with younger students in a classroom setting. The tutor may work one-on-one, in small groups or in providing assistance to the teacher.

## Yearbook Production AB

Course # 30051

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of Instructor  
**Location:** CEHS, CHS, CWHS, COS, E

Yearbook Production AB is designed to provide students with the skills necessary for the production and marketing of the school yearbook. Students develop skills in layout design, copywriting, editing, proofreading, advertising, marketing and business management.

# SPECIAL EDUCATION

The Clovis Unified School District provides a wide range of services and programs to meet the needs of differently abled students eligible for Special Education services. Most of these services can be provided for qualified students at local schools in collaboration and general education programs. However, some services and programs are only available at specified schools throughout the District and may require enrollment at a designated site. Parents who suspect that their child may be differently abled or in need of additional services should confer with their child's teacher regarding their concerns and request a referral to the Student Study Team. If the child continues to exhibit difficulties after exhausting services and modifications in the regular education program, parents may request an assessment to determine eligibility for Special Education. Qualified staff will conduct an assessment. An Individualized Educational Planning team, which includes the parents, will meet to review the assessment information to determine eligibility, the services that are needed, and develop appropriate educational goals and objectives. The Individualized Educational Plan (IEP) is reviewed at least annually.

**Program for the Acquisition of Language and Social Skills (PALS)** serves children who are preschool through kindergarten age who demonstrate autistic-like behaviors and require intensive school-based interventions. Evidence Based Practices, including Applied Behavioral Analysis (ABA). Discrete Trial (DT) teaching techniques along with language and social methodologies are employed within these programs. Generalization of skills is a key component of the PALS program. PALS students have general education mainstreaming opportunities as determined by their IEPs. PALS classrooms are located throughout CUSD.

**Resource Specialist Programs (RSP)** provide services designed to accommodate students with special needs who are capable of meeting the state and district-approved standards for graduation with a diploma.

**RSP Direct Instruction Program (DI)** provides specially designed academic instruction during the academic block for students who require intensive academic intervention. Some students receive instruction designed for vocational readiness and will receive a Vocational Certificate at the time of graduation.

**Secondary Vocational Certificate Program** (non-diploma) provides services designed to accommodate students working toward a Vocational Certificate. The vocational curriculum, taught by special education staff, focuses on academics that match student abilities and interests as well as providing skills needed for the future. Through this program, students will have the opportunity to develop prevocational and independent skills that will prepare them to be successful, productive, and self-sufficient members of their community. Upon completion of the Vocational Certificate Program, students will earn a Vocational Certificate and Vocational Competency Checklist based on skills mastered from the Employment Skills Frameworks and Common Core.

**Academic Core Essentials (ACE)** is a direct instruction, diploma-bound program that is being offered beginning the 2020-2021 school year at the secondary level. ACE courses are taught by special education teachers. Students enrolled in the ACE program will be held to the District's identified Essential Standards for the required courses of student, which align to California's Education Code minimum set of requirements for graduation from California high schools. This program does not meet the University of California (UC) or the California State University (CSU) systems minimum set of courses required for admission. However, students will be able to apply for enrollment at a Community College.

**Elementary Functional Life Skills (FLS) Special Day Class (SDC)** program provides small group and individualized instruction for children who represent a wide variety of disabilities and learning needs. These classes stress functional academics in programs that are located in various elementary school campuses throughout the district. Each student progresses at his/her own rate, and the curriculum targets skills necessary for increasing independence. Students are included in general education activities as designated on each IEP.

**Intermediate Functional Life Skills (FLS) Special Day Class (SDC) Program** is a non-diploma program and is designed for intermediate students with disabilities whose educational needs cannot be met through the Clovis Unified School District's general education curriculum framework. The Alternative Curriculum includes goals and objectives in the areas of: Daily Living, Personal/Social Skills, Functional Academics and Prevocational Skills. The curriculum emphasizes awareness, knowledge and acquisition of the various components preparing students for adult living in the least restrictive environment.

**High School Functional Life Skills (FLS) Special Day Class (SDC) Program** is a non-diploma program, designed for high school students with disabilities whose educational needs cannot be met through the Clovis Unified School District's general education curriculum framework. Upon completion of the alternative course of study, students will receive a Certificate of Completion. The Alternative Curriculum includes goals and objectives in the areas of: Daily Living, Personal/Social Skills, Functional Academics and Prevocational Skills. The curriculum emphasizes awareness, knowledge and acquisition of the various components preparing students for adult living in the least restrictive environment. At the secondary level, students in this Alternative Curriculum program must complete the minimum number of units required by each high school for graduation which includes P.E. or a wellness equivalent, and completion of the goals and objectives in the designated areas indicated above.

**Autism Program, Special Day Class (SDC)** is designed for students who present with autistic-like behaviors and require intensive intervention. The goals of the program are based on State Standards and designed to increase communication, generalized social skills, behavior and independent "work" typical of same-age students. Students are included in general Education activities as designated on each IEP. The Autism Program is a non-diploma program designed for students with disabilities whose educational needs cannot be met through the Clovis Unified School District's general education curriculum framework.

**Therapeutic Intervention Program (TIP)** is a therapeutic program designed for students in the 4<sup>th</sup>-12<sup>th</sup> grades whose educational services cannot be provided exclusively within the general education classroom. These students require a high level of structure and supervision in an intensive therapeutic milieu due to social, emotional or behavior needs. These services are not available on the comprehensive school site.

**The Elementary Intervention Program (EIP), Intermediate Intervention Program (IIP), and the Adolescent Intervention Program (AIP)** is an educationally therapeutic program designed for students in the elementary and secondary grades whose educational services cannot be provided exclusively within the general education classroom. These students require a high level of structure and supervision in a therapeutic milieu due to social, emotional or behavior needs. Students in this program may earn either a high school diploma, Vocational Certificate, or Certificate of Completion based on the student's IEP.

**Deaf/Hard of Hearing Program** is a district-wide program. It uses a multi-modality approach, encompassing auditory kinesthetic and visual teaching strategies to teach deaf/hard of hearing children with communicative disabilities. Students are included in general educational activities as designed on each IEP.

**Severely Disabled (SD) Special Day Class (SDC) Program** utilized a variety of teaching strategies to develop functional communication and adaptive skills. Each student progresses at his/her own rate and the curriculum targets skills necessary for increasing individual independence. All CUSD SD programs utilize an interdisciplinary approach where teachers are able to consult with various service providers to assist in the individualization of students' programming. Students enrolled in the district's SD classes have goals that focus on areas such as functional academics, vocational/recreational and leisure skills, community awareness, domestic and adaptive skills, social skills and communication skills. Students ages 18-22 who are enrolled in the district's SD classes earn a "Letter of Recommendation" upon aging out at 22 years of age.

**Garfield Special Education Center** is an educational facility that serves medically fragile students with severe disabilities, ranging from 3 to 22 years of age who reside in Clovis Unified. Due to the severe health risks and needs of the students, LVNs and RNs are an integral part of the program in addition to special education teachers and other special education staff. Support services such as Occupational, Physical, Vision, Deaf/Hard of Hearing, and Language/Speech Therapy are components of the Garfield Center. Opportunities for interacting with typical peers is a vital component of the program. Students at Garfield Center earn a "Letter of Recommendation" upon aging out at 22 years of age.

**The Adult Transition Program (ATP)** provides a continuation of special education services for students 18-22 years of age with an emphasis on development of skills to increase the ability to participate safely in the community. Curriculum will focus on functional academics. Activities will take place within the classroom and community setting using neighborhood resources.

# CTE PATHWAYS

- (\*ROP): Two-period course
- (DE): Dual Enrollment Opportunity
- (UN): Uni-track: Dual Enrollment Opportunity with CSU Fresno
- (P): Meets UC/CSU Admission Requirement
- (HP) Meets UC/CSU Honors Admission Requirement

## CTE PATHWAY REQUIREMENTS

**Course Sequence:** Two or more related CTE courses taken in sequence. A course pathway provides coherent, rigorous content aligned with the challenging academic standards, relevant technical knowledge, and skills needed to prepare for further education and careers in current emerging professions.

- **Introductory Course:** An initial or survey course in CTE program intended to provide a beginning or introductory level of information about an industry sector or career pathway. The first course in a CTE course sequence.
- **Concentrator Course:** A CTE course beyond the introductory level that is intended to provide more in-depth instruction in and exploration of a specific industry sector. The second course and succeeding courses of a planned CTE program sequence.
- **Capstone Course:** The final course in a planned sequence of courses for a CTE program that provides a rigorous and intensive culmination of a course of study. Capstone courses are typically offered through Regional Occupational Centers and Programs (ROCP).

Agricultural Mechanics (CEHS)	
Pathway Course	Description
Ag Engineering I DE: Mechanized AG 40 (Reedley College)	<b>Grade: 9</b> <span style="float: right;"><b>Course # 39007.CTE</b></span> <b>Prerequisite: None</b> <b>Course Sequence: Introductory</b> Studies include the introduction of the Ag Mechanics and engineering industry in the areas of welding, woodworking, electrical wiring, plumbing, and other related fields.
Ag Engineering II (P) DE: Mechanized AG 41 (Reedley College)	<b>Meets UC A-G "G" Requirement</b> <span style="float: right;"><b>Course # 39020.CTE</b></span> <b>Grade: 10</b> <b>Prerequisite: Ag Mechanics and Engineering 1 with a "C" grade or higher</b> <b>Course Sequence: Concentrator</b> Studies include a continuation of Ag Mechanics 1, computer aided drafting, plasma arc cutting, fabrication techniques, and project design.
Ag Engineering III	<b>Grade: 11</b> <span style="float: right;"><b>Course # 39021.CTE</b></span> <b>Prerequisite: Ag Mechanics and Engineering II with a "C" grade or higher</b> <b>Course Sequence: Concentrator</b> Studies include advanced welding procedures, electrical wiring principles, budgets, and building projects.

## Agricultural Mechanics (CEHS)

<i>Pathway Course</i>	<i>Description</i>
*ROP Welding Fabrication and Application	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # R3041</b></span></p> <p><b>Prerequisite: Ag Engineering III or Welding Processes and Fabrication recommended, or Teacher Recommendation</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Welding Fabrication and Application is a capstone course designed to train students for entry-level positions in welding/metal fabrication. This course prepares students for post-secondary agricultural mechanics, welding technology, and industrial technology educational programs. This full year course emphasizes welding and fabrication skills in the advanced phases of Oxyacetylene, SMAW (Arc Welding), SMAW (Arc Welding), GMAW (MIG Welding), and TIG welding. This course applies the practical knowledge and skills learned during the previous years of instruction.</p>
*ROP Welding Processes and Fabrication	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # R3029</b></span></p> <p><b>Prerequisite: Ag Engineering III recommended or Teacher Recommendation</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Welding Processes and Fabrication is a skill building course which emphasizes welding and fabrication skills, including non-ferrous metals, in the advanced phases of Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Gas Tungsten Arc Welding (GTAW). The primary emphasis is on using equipment in all positions of welding with the application of welding skills learned through project fabrication, repair, and industry procedure.</p>

## Agricultural Science (CEHS)

<i>Pathway Course</i>	<i>Description</i>
Agricultural Science 1	<p><b>Grades: 9-10</b> <span style="float: right;"><b>Course # 35001.CTE</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>This course is designed for the student interested in the field of agriculture. Topics covered include animal science, plant science, ornamental horticulture, public speaking, record keeping, parliamentary procedures, agricultural organization, judging competitions, and the Future Farmers of America. This course fulfills the CUSD graduation requirement for life science.</p>
Biology & Sustainable Ag (P)	<p><b>Meets UC A-G "D" Requirement</b> <span style="float: right;"><b>Course # 35D01.CTE</b></span></p> <p><b>Grades: 9-12</b></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>Studies include plant and animal life, their relationship to one another, and to humans in their environment. Using agriculture as the model, this class takes biology to the applied level.</p>
Chemistry and Agriscience (P) DE: PLS2/Soil Science (Reedley College)	<p><b>Meets UC A-G "D" Requirement</b> <span style="float: right;"><b>Course # 35D02.CTE</b></span></p> <p><b>Grades: 10-11</b></p> <p><b>Prerequisite: Agricultural Biology, Biology or Honors Biology</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>Studies include the exploration of the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices.</p>
Food Science (P)	<p><b>Meets UC A-G "G" Requirement</b> <span style="float: right;"><b>Course # 33G08.CTE</b></span></p> <p><b>Grade: 11</b></p> <p><b>Prerequisite: Math 1, Ag Biology or Biology</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>Studies include the application of the fundamental scientific principles to the research, development, manufacturing, packaging, storage, and marketing of food products.</p>
Adv. Inter-disciplinary Science for Sustainable Agriculture (HP)	<p><b>Meets UC A-G "D" Requirement – UC Honors Course</b> <span style="float: right;"><b>Course # 35D03.CTE</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Successful completion of life science and physical science.</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Studies include the design systems and experiments to solve agricultural management issues currently facing the industry.</p>

## Animal Science (CEHS)

<i>Pathway Course</i>	<i>Description</i>
Biology & Sustainable Ag (P)	<p><b>Meets UC A-G "D" Requirement</b> <span style="float: right;"><b>Course # 35D01.CTE</b></span></p> <p><b>Grades: 9-12</b></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>Studies include plant and animal life, their relationship to one another, and to humans in their environment. Using agriculture as the model for this class take biology to the applied level.</p>
Agricultural Science 1	<p><b>Grades: 9-10</b> <span style="float: right;"><b>Course # 35001.CTE</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>This course is designed for the student interested in the field of agriculture. Topics covered include animal science, plant science, ornamental horticulture, public speaking, record keeping, parliamentary procedures, agricultural organization, and judging competitions. This course fulfills the CUSD graduation for life science.</p>
CDE Animal Science (P) DE: Animal Science I (Reedley College)	<p><b>Meets UC A-G "G" Requirement</b> <span style="float: right;"><b>Course # 35G02.CTE</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Successful completion of Algebra 1, Biology 1AB or Ag Biology</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>Studies include the principles of animal science focusing on areas of livestock (mammalian) production, anatomy, physiology, reproduction, nutrition, respiration, and genetics.</p>
*ROP Equine Science	<p><b>Grades 11-12</b> <span style="float: right;"><b>Course # R5001</b></span></p> <p><b>Prerequisite: Biology (P)</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Gives the student an in-depth introduction into the field of animal health care and equine science. Curriculum will cover breeds, anatomy, nutrition and feeding, conformation faults, diseases, preproduction, behavior, buildings, and stable practices.</p>
*ROP Veterinary Science (P)	<p><b>Meets UC A-G "G" Requirement</b> <span style="float: right;"><b>Course # R9986</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Biology (P)</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Studies include entry level skills to work in animal care facilities. Students will receive instruction in the identification of animal breeds, proper health, and safety procedures.</p>

## Business Management (CNHS)

<i>Pathway Course</i>	<i>Description</i>
Computer Applications	<p><b>Grades: 9-12</b> <span style="float: right;"><b>Course #39099.CTE</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>This course is designed for students who desire keyboarding skills for college and personal use. Students will learn keyboard and word processing applications databases, spreadsheets, graphics, and basic desktop publishing.</p>
*ROP Small Business Management	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course #R9095</b></span></p> <p><b>Prerequisite: Keyboarding and computer experience is helpful</b></p> <p><b>Course Sequence: Introductory</b></p> <p>Studies include the development of both business and marketing plans essential to the operation of a successful business.</p>

## Child Development (BHS, CEHS, CHS, CNHS, CWHS)

<i>Pathway Course</i>	<i>Description</i>
Exploration of Child and Adolescent Literature (HP)	<p><b>Meets UC A-G “B” Requirement – UC Honors Course</b> <span style="float: right;"><b>Course # 22B10.CTE</b></span>  <b>Grade: 10</b>  <b>Prerequisite: A 2.50 grade point average or higher.</b>  <b>Course Sequence: Introductory</b></p> <p>Exploration of Child and Adolescent Literature is a grade 10 English Language Arts college preparatory course integrated with the Education Pathway standards. This course allows students to utilize Language Arts skills to investigate and evaluate the value and purpose of world literature for children and adolescents. Students synthesize their knowledge of the developmental stages of physical, intellectual, social, and emotional development an understanding of appropriate teaching materials and readings for each of the stages.</p>
*ROP Careers in Child Development (P) DE: Child Development I (Clovis Community College)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # R9081</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: Excellent attendance and citizenship</b>  <b>Course Sequence: Capstone</b></p> <p>Studies include the preparation to work in fields dealing with young children, and development stages of children before birth to age 12. Students gain firsthand experience through classroom and worksite learning, job shadowing, and tours that enable them to determine the benefits of an education-related career.</p> <p>BHS and CWHS students will travel to Clovis North for this class.</p>

## Design, Visual, & Media Arts (BHS)

<i>Pathway Course</i>	<i>Description</i>
Introduction to Digital Photography (P)  Uni-track MCJ17 (CSU Fresno)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # 77F09.CTE</b></span>  <b>Grade: 10</b>  <b>Prerequisite: None</b>  <b>Course Sequence: Introductory</b></p> <p>This is an introduction course to digital photography. Topics include digital camera operations, lighting technique, aesthetics, Photoshop, Light-room, and portfolio development. Students will explore exposure systems using aperture, shutter speed, and ISO combinations.</p>
Digital Photography II (P)	<p><b>Pending UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # 73F01.CTE</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: Introduction to Digital Photography with a “C” or better</b>  <b>Course Sequence: Capstone</b></p> <p>This course has an emphasis in Adobe Photoshop in association with Digital Photography. The focus of this course is in using Photoshop and developing relationships with clients.</p>
*ROP Digital Photography (P)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # R7F06</b></span>  <b>Grade: 11-12</b>  <b>Prerequisite: None</b>  <b>Course Sequence: Capstone</b></p> <p>Students will develop a portfolio of artistic endeavors along with creating work in cooperation with an individual to produce commercial photography. Students will learn about digital photography, post-production editing software, and client relationships.</p>
*ROP Publishing Management w/ English 12 (P)	<p><b>Meets UC A-G “B” Requirement (English 12 only)</b> <span style="float: right;"><b>Course #R9079</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: 10<sup>th</sup> grade English and permission of instructor</b>  <b>Course Sequence: Capstone</b></p> <p>Through this course, students will demonstrate their advanced skills in the art of writing and managing a publication. Newspaper, magazine, and anthology styles of journalistic writing and graphic design will be covered to produce student publications.</p>
*ROP Journalism & Publishing w/ English 11 or 12 (P)  Uni-track MCJ2 (CSU Fresno)	<p><b>Meets UC A-G “B” Requirement (English 11 or 12 only)</b> <span style="float: right;"><b>Course # R3004</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: Teacher approval – This class is for BHS students only</b>  <b>Course Sequence: Capstone</b></p> <p>Through this course, students demonstrate their skills in the art of writing and production. All forms of journalistic writing and layout design are covered to produce student publications. A major project for the students is to design, publish, and market the Buchanan High School yearbook. This class is paired with English 11 or 12.</p>

## Education (BHS, CEHS, CHS, CNHS, CWHS)

<i>Pathway Course</i>	<i>Description</i>
Contemporary Issues in Education (HP)	<p><b>Meets UC A-G “B” Requirement – UC Honors Course</b> <span style="float: right;"><b>Course # 22B11.CTE</b></span>  <b>Grade: 11</b>  <b>Prerequisite: A 2.50 grade point average or higher</b>  <b>Course Sequence: Concentrator</b></p> <p>Contemporary Issues in Education is a college preparatory eleventh grade 11 English course integrated with the Education Pathway standards of the Education, Child Development, and Family Services sector which allows students to see where the skills of English intersect with the elements of education. Students conduct research, closely read and analyze complex texts, evaluate instructional methodology and philosophy, and create a portfolio of reflections, activities, and compositions that, when synthesized, serve as the foundation for three capstone projects.</p>
<p>*ROP Careers in Education w/ English 11 or 12 (P)            DE: Education 10            (Clovis Community College)</p>	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # R9046</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: Grade of “C” or better in English 10 and English 11. Excellent attendance and behavior records in previous grade levels required</b>  <b>Course Sequence: Capstone</b></p> <p>Studies include the nature and scope of the school system, the duties and opportunities of the professional teacher, factors relative to success in teaching and credentialing requirements.</p>

## Emergency Response (CEHS)

<i>Pathway Course</i>	<i>Description</i>
<p>*ROP Fire Fighting Technology 1            DE: Seniors Only            Firetech 1 (Fresno City College)</p>	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # R3018</b></span>  <b>Prerequisite: Emergency Medical Responders recommended.</b>  <b>Course Sequence: Concentrator</b></p> <p>Studies include preparing students for firefighting and related tasks. Students learn about firefighting organizations, use and handling of equipment, production and safety, fire behavior and extinguishing methods.</p>
<p>*ROP Fire Fighting Technology II            DE: Seniors Only            Firetech 1 (Fresno City College)</p>	<p><b>Grades: 12</b> <span style="float: right;"><b>Course # R3028</b></span>  <b>Prerequisite: Fire Fighting Technology 1.</b>  <b>Course Sequence: Capstone</b></p> <p>Studies include the reinforcement of concepts from Fire Fighting Technology 1 and an increasing emphasis on leadership.</p>

## Engineering Design (BHS)

<i>Pathway Course</i>	<i>Description</i>
Introduction to Design I & II (P) (PLTW)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course #37F02.CTE</b></span>  <b>Grades: 9-12</b>  <b>Prerequisite: Concurrent enrollment in Math I</b>  <b>Course Sequence: Introductory</b></p> <p>Introduction to Design (ID) is a high school level foundational course in the Project Lead The Way (PLTW), Engineering Program. In ID, students are introduced to the engineering profession and engineering design process.</p>
Honors Principles of Engineering (HP)	<p><b>Meets UC A-G “G” Requirement – UC Honors Course</b> <span style="float: right;"><b>Course # 53G04.CTE</b></span>  <b>Grades: 10-12</b>  <b>Prerequisite: Concurrent enrollment in Math 3. Grade of B or higher in Math 2.</b>  <b>Course Sequence: Concentrator</b></p> <p>Principles of Engineering (POE) is a foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics including mechanisms, strength of materials and structures, automation, and kinematics.</p>
Honors Engineering Design & Development (PLTW) (HP)	<p><b>Meets UC A-G “G” Requirement – UC Honors Course</b> <span style="float: right;"><b>Course # 35G05.CTE</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: Concurrent enrollment in Advanced Math (Required); Computer Integrated Manufacturing (Recommended).</b>  <b>Course Sequence: Capstone</b></p> <p>Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process.</p>

## Environmental Resources (BHS)

<i>Pathway Course</i>	<i>Description</i>
Chemistry/ Environmental Engineering – Water (P)	<p><b>Meets UC A-G “D” Requirement</b> <span style="float: right;"><b>Course # 55D20.CTE</b></span>  <b>Grades: 9-11</b>  <b>Prerequisite: Math 1</b>  <b>Course Sequence: Introductory</b></p> <p>Studies include the resolution to environmental engineering problems related to water and its interactions with the environment. Students will use a systems-based approach to understand that all environmental systems consist of matter and will apply this knowledge to solving current and future global water issues.</p>
Honors Environmental Sustainability (HP)	<p><b>Meets UC A-G “D” Requirement - UC Honors Course</b> <span style="float: right;"><b>Course # 35D04.CTE</b></span>  <b>Grades: 10- 12</b>  <b>Prerequisite: Biology or Biological Links to Energy &amp; Environment &amp; Math 1</b>  <b>Course Sequence: Concentrator</b></p> <p>Honors Environmental Sustainability (ES) is a high school-level specialization course in PLTW Engineering. In Honors ES, students investigate and design solutions to solve real-world challenges related to clean drinking water, a stable food supply, and renewable energy. Students are introduced to environmental issues and use the engineering design process to research and design potential solutions.</p>
AP Environmental Science (HP)	<p><b>Meets UC A-G “D” Requirement – UC Honors Course</b> <span style="float: right;"><b>Course 55D99.CTE</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: Biology or AP Biology, Chemistry, AP Chemistry, Math 1 and 2.</b>  <b>Course Sequence: Capstone</b></p> <p>This class prepares students to pass the national exam for AP Environmental Science for college placement and/or credit. Topics include energy flow, cycling of matter, geological activities, atmosphere chemistry, and other relevant topics. This is a rigorous science course that stresses scientific principles, concepts, and theologies required to understand the interrelationships of the natural world.</p>

## Financial Services (CWHS)

<b>Pathway Course</b>	<b>Description</b>
Personal Finance (P)	<p><b>Meets UC A-G "G" Requirement</b> <span style="float: right;"><b>Course # 33G14.CTE</b></span></p> <p><b>Grades: 10-12</b></p> <p><b>Prerequisite: Computer Applications or demonstration of readiness</b>  <b>Course Sequence: Capstone</b></p> <p>This course provides background and knowledge of essential, necessary financial skills for all students. It is designed to inform, alert, and educate students in the concepts of personal finance and money management. Core concepts enable students to implement decision-making skills necessary to become wise, knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society.</p>
Introduction to Finance (P)	<p><b>Meets UC A-G "G" Requirement</b> <span style="float: right;"><b>Course # 33G15.CTE</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Financial Literacy</b>  <b>Course Sequence: Introductory</b></p> <p>This course provides students with the foundational knowledge and skills to make effective financial decisions, use career information, and manage career plans. Within this course, students practice the essential knowledge and skills common to all pathways in the Business and Finance Industry Sector, including cash management technique, the role of managerial accounting and use of planning and control principles to evaluate an organization. Communication skills and basic mathematical concepts are reinforced in this course.</p>
Business & Financial Services Internship (P)	<p><b>Meets UC A-G "G" Requirement</b> <span style="float: right;"><b>Course # 33G16.CTE</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Financial Lit</b>  <b>Course Sequence: Capstone</b></p> <p>This course outlines concepts pertaining to a variety of business, related financial services. Students learn processes for loans, credit, and payment services to business and individuals. In addition, money and banking, lending fundamentals, and federal regulations are explored.</p>
CTE Accounting (P)	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # 33G21.CTE</b></span></p> <p><b>Prerequisite: Math 2 and Financial Literacy Recommended</b>  <b>Course Sequence: Capstone</b></p> <p>This course will provide a broad overview of the principles and procedures of the accounting function in a business context including definition of business and accounting terminology, introduction to double entry system of accounting, recording, processing, and reporting daily business transactions and events.</p>

## Food Service and Hospitality (BHS)

<b>Pathway Course</b>	<b>Description</b>
Food Science and Nutrition (P)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # 33G11.CTE Grades: 9-12</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>Studies include an introduction to basic terms, safety, recipes, measurement and nutrition. Areas of emphasis include fruits and vegetables, milk and dairy products, breads, desserts and meat preparation.</p>
*ROP Culinary Arts & Hospitality Management (P)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # R3905</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Food Science and Nutrition (P), ROP Culinary Arts.</b></p> <p><b>Course Sequence: Capstone</b></p> <p>In this course, students will expand their study of Culinary Arts and explore Hospitality Management. Students will learn and apply knowledge through standards and project-based curriculum, both in the lab/class setting and in a working food service kitchen.</p>
*ROP Culinary Arts (P)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # R3017</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Recommended Hospitality Management I</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Studies include the exploration of the food industry that employs over 20 million people. Recipe development, meal planning, and preparation, culinary fundamentals, ingredients, nutrition, and presentation are explored.</p>

## Patient Care (BHS, CEHS, CNHS)

<b>Pathway Course</b>	<b>Description</b>
Medical Health Careers (P)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # 33G17.CTE</b></span></p> <p><b>Grades: 10-12</b></p> <p><b>Prerequisite: Completion of Biology with a “C” grade or higher or concurrent enrollment in Biology</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>This course is designed to allow students to explore careers in the medical health career arena with a focus on knowledge and skills required for entry level employment. Students will be introduced to health care with an emphasis on core skills and knowledge applicable to a variety of the health professions.</p>
*ROP Health & Medical Wellness (P) DE: Medical Terminology OT 10 (Clovis Community College)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # R3G04</b></span></p> <p><b>Requirement Grades: 11-12</b></p> <p><b>Prerequisite: Math I, Math II, Biology, English 10 and maintain an overall GPA of 2.5 or higher</b></p> <p><b>Course Sequence: Capstone</b></p> <p>This course will explore the many facets of public and medical health. Content will relate to individuals, community, careers, and institutions directly involved with health and wellness issues. Students will explore the domains of health including psychosocial, physical, environmental elements and the impact of a person’s wellness.</p>
*ROP Medical Careers (P)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # R3019</b></span></p> <p><b>Grade: 11-12</b></p> <p><b>Prerequisite: Completion of Biology (P) with a grade of “C” or higher</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>Studies include learning of transferable skills related to entry-level health occupations, exploration of career options in the health industry, and becoming knowledgeable of post-secondary educational requirements.</p>
*ROP Sports Medicine/ (P) DE: Kinesiology 38 (Fresno State)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # R5045</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Completion of Biology with a grade of “C” or higher</b></p> <p><b>Course Sequence: Capstone</b></p> <p>This course will allow students to gain practical experience learning to work in physical therapy, fitness and athletic training settings. The course empowers the student with the healing and conditioning process resulting from methods used in physical therapy and physical conditioning of the human body.</p>
*ROP Rehabilitation Therapy Careers (P) DE: Kinesiology 22 (Clovis Community College)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # R3G03</b></span></p> <p><b>Grade: 11-12</b></p> <p><b>Prerequisite: Biology, and Anatomy &amp; Physiology are required</b></p> <p><b>Course Sequence: Capstone</b></p> <p>This course is designed to provide the student with opportunities to learn transferable skills related to entry-level occupational and physical therapy occupations, explore career options, and become knowledgeable with post-secondary educational requirements as related to such career options. The course introduces the student to therapy careers including occupational therapy, physical therapy, and other prominent therapy careers, placing an emphasis on a set of core skills and knowledge applicable to many health care disciplines; desirable employment attributes and job-seeking skills are addressed.</p>

## Performing Arts (BHS, CWHS)

<b>Pathway Course</b>	<b>Description</b>
Drama 2 Technical Theater Arts (P)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # 88F99.CTE</b></span></p> <p><b>Grades: 10-11</b></p> <p><b>Prerequisite: Drama 1 with “B” or higher, or permission of instructor</b></p> <p><b>Course Sequence: Introductory</b></p> <p>The student will study and apply the principles of group dynamics and collaboration during the pre-production through post-production process of Theatrical Production. This course provides instruction in the implementation of theatrical designs for sets, lights, sound, properties, costumes, and makeup.</p>
Advanced Technical Theater (P)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # 83F01.CTE</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Drama 2 Technical Theater</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>This advanced technical theater arts course is designed to build upon skills learned in Drama 2 Technical Theater for students interested in becoming designers and leaders in the Technical Theater Arts world.</p>
*ROP Theater Production With English 11 or 12 (P)	<p><b>Meets UC A-G “B” Requirement (English 12 only)</b> <span style="float: right;"><b>Course # R9073</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: Recommended Drama 2 Technical Theater with “B” or higher, or permission of instructor.</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Students create entire stage productions from acting methodology to stage design. Stage craft aspects include heavy lifting and the use of power tools including power saws, jigsaws pneumatic staplers, ladders. Play production writing aspects include writing a play directing and producing, financing, stage designing, lighting, sound, costuming, publicity, performance, take down, and writing performance critiques.</p>

## Plant & Soil Science (CEHS)

<b>Pathway Course</b>	<b>Description</b>
<p>The Art and History of Floral Design (P)</p> <p>DE: Environmental Horticulture 37 (Reedley College)</p>	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # 77505.CTE</b></span>  <b>Grades: 9-10</b>  <b>Prerequisite: None</b>  <b>Course Sequence: Introductory</b></p> <p>Studies include the application and artistic approach to floral design. This class involves the fundamentals of floral design theory, techniques, and skills currently practiced in the floral design industry.</p>
<p>Biology &amp; Sustainable Ag (P)</p>	<p><b>Meets UC A-G “D” Requirement</b> <span style="float: right;"><b>Course # 35D01.CTE</b></span>  <b>Grades: 9-12</b>  <b>Prerequisite: None</b>  <b>Course Sequence: Introductory</b></p> <p>Studies include plant and animal life, their relationship to one another, and to humans in their environment. Using agriculture as the model for this class takes biology to the applied level.</p>
<p>Ornamental Horticulture</p>	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # 30225.CTE</b></span>  <b>Prerequisite: Biology (P)</b>  <b>Course Sequence: Concentrator</b></p> <p>This project-based course teaches students to design, install, and maintain landscaped areas from small gardens to large parks. During the design phase, students learn drafting skills for layout and design of landscapes as well as proper plant usage when working with grass, shrubs, flowers, and trees.</p>
<p>Farm to Table (*P)</p>	<p><b>Grades 11-12</b> <span style="float: right;"><b>Course # 33G23.CTE</b></span>  <b>Prerequisite: Sustainable Agriculture Biology (Bio) &amp; Agriculture Soils and Chemistry (Chem)</b>  <b>Course Sequence: Concentrator</b></p> <p>In this course students integrate sustainable agricultural practices of farmers who grow our food and the people who prepare and consume it.</p>
<p>Plant Production Management (P)</p>	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # 33G12.CTE</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: Sustainable Agriculture Biology, Agriculture Soil and Chemistry, and Botany</b>  <b>Course Sequence: Capstone</b></p> <p>This course encompasses learning the farming practices of row crops, orchard production, vineyard production, safe transport methods, quality control and fresh fruit grading/evaluations. At the conclusion of the year, students will have an opportunity to market and sell the produce/ projects at the McFarlane-Coffman Agriculture Center.</p>
<p>Advanced Floral Design (P)</p>	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # 33F01.CTE</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: The Art and History of Floral Design</b>  <b>Course Sequence: Capstone</b></p> <p>This course will build upon the prerequisite course, The Art and History of Floral Design. Advanced Floral Design will increase the focus on the art design, handling of cut flowers, the mechanics of floral design, and the effects of retail in the floral industry. Students will learn about building and designing displays, advertising, marketing, pricing and sales. Students will also develop floral design skills for use in industries such as wedding, sympathy, and event floral work.</p>

## Production and Managerial Arts (BHS)

<b>Pathway Course</b>	<b>Description</b>
Videography I (P)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # 77G99.CTE</b></span></p> <p><b>Grades: 9-12</b></p> <p><b>Prerequisite: Good citizenship and attendance</b></p> <p><b>Course Sequence: Introductory</b></p> <p>Videography 1 is an introduction course that emphasizes and develops critical thinking skills by exploring the influence of design principles, historically significant art forms from various genres, and the production process of films and television programming.</p>
Digital Film Making (P)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # 77FO8.CTE</b></span></p> <p><b>Grade: 10-12</b></p> <p><b>Prerequisite: Recommended Videography 1</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>Studies include the artistry and technical elements of filmmaking. Students will be introduced to the theory of films and filmmaking and be expected in writing, to analyze, describe and breakdown the elements of shot, a scene, and sequence.</p>
*ROP Videography (P)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # R7301</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Students create, write and produce a wide variety of video projects that highlight Buchanan High School students and faculty. Students use innovative technology and software, incorporate principles in design, and blend computer graphics into all elements of production.</p>

## Production Innovation and Design (CNHS)

<b>Pathway Course</b>	<b>Description</b>
Computer Aided Design and Engineering (P)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # 43G02.CTE</b></span></p> <p><b>Grade: 9-12</b></p> <p><b>Prerequisite: Grade of B or better in Math 1 (or B or A in higher level math course)</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>This is a 3D modeling course utilizing <i>SolidWorks</i>® that focuses on precision in design and engineering combines with programming to create tangible products using the Axiom 3D printers and the Velox CNC routers. Although not a part of the pathway, this course compliments the technology and engineering concepts taught in the progression of courses.</p>
Innovation and Product Design (P)	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # 33G22.CTE</b></span></p> <p><b>Prerequisite: Computer Aided Design and Engineering (P)</b></p> <p><b>Course Sequence: Capstone</b></p> <p>This course is a laboratory-based class. Students will practice what fabricators, engineers, and manufacturers of products really do, observing, questioning, experimenting with designs and drawing conclusions.</p>

## Public Safety (CEHS)

<b>Pathway Course</b>	<b>Description</b>
*ROP Criminal Investigation	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # R9094</b></span></p> <p><b>Prerequisite: Grade of “C” or higher in English 10, and English 11</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Studies include an awareness of the various components of criminal investigation, with emphasis placed on the development of attitudes, skills and competencies related to criminal investigation.</p>
*ROP Criminal Justice	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # R9048</b></span></p> <p><b>Prerequisite: Grade of “C” or higher in English 10, and English 11</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>Studies include the awareness of career options (attorney, police officer, probation officer) and information in the area of law enforcement and private security for interested students.</p>

## Residential and Commercial Construction (CHS)

<b>Pathway Course</b>	<b>Description</b>
Fundamentals of Carpentry	<p><b>Grades: 9-10</b> <span style="float: right;"><b>Course # 33012.CTE</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>This is an introductory course which students will learn, safe, efficient use of hand and power tools in woodworking/construction. This course is open to 9<sup>th</sup> grade students.</p>
Basic Metal Manufacturing	<p><b>Grades: 10-12</b> <span style="float: right;"><b>Course # 30073.CTE</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>Studies include the basic principles of metal welding and forming to finish construction projects.</p>
Construction Technology 1 – Introduction	<p><b>Grades: 9-12</b> <span style="float: right;"><b>Course # 33G04.CTE</b></span></p> <p><b>Prerequisite: Completion of Math 1 or concurrent enrollment</b></p> <p><b>Course Sequence: Introductory</b></p> <p>This course involves students in projects and problem-based learning experiences that introduce the world of construction.</p>
*ROP Building Trades Internship	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # R3016</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Capstone</b></p> <p>This course is an introduction to construction. It begins with Fundamentals of Construction and progresses to twelve spin-off specialty building trades areas. Each specialty area covers basic skills necessary for entry-level employment. Through hands-on, competency-based program, and internships students will have the opportunity to learn the basic skills required, as well as an understanding of the common terminology.</p>
Building Information Modeling (P)	<p><b>Meets UC A-G “F” Requirement</b> <span style="float: right;"><b>Course # 77F10.CTE</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisites: Sophomore, Junior or Senior standing; one year of math</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Building Information Modeling is designed as a single period art course for secondary students focusing on the drafting, design and building information modeling aspects of construction. The emphasis is on expressing creativity in a visual form by: (1) reviewing and applying the elements and principles of design and by (2) gaining a deeper insight into inspirations, theoretical elements and principles behind creative design.</p> <p>Additional emphasis will be placed on logical reasoning, visualization, and practical application using 1, 2, and 3-point perspective, color applications, Computer Aided Drafting and 3-D modeling.</p>
*ROP Building Scaled Structures (HP)	<p><b>Meets UC A-G “F” Requirement - UC Honors Course</b> <span style="float: right;"><b>Course # R3016</b></span></p> <p><b>Grades: 11-12</b></p> <p><b>Prerequisite: 1 year Construction of Technology; concurrent enrollment in Math 2</b></p> <p><b>Course Sequence: Capstone</b></p> <p>This course has been developed to integrate skills and concepts from the Building and Construction trades with applied mathematics and English. As a natural progression, students will apply the craft skills required to design and build a variety of scaled structures that meet current code requirements. In addition, students will make real-world connections between construction, math, and English using written projects, construction documents that include creating blueprints, project packets, and student-centered construction projects.</p>
*ROP Electronic Systems – Sound and Communication	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # R3021</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Studies include the exploration of computers and computer networks, video security surveillance, burglar alarms, fire alarms, and an assortment of electronic systems.</p>

# Software and Systems Development (CNHS, CART)

<i>Pathway Course</i>	<i>Description</i>
Exploring Computer Science (P)	<p><b>Meets UC A-G “G” Requirement</b> <span style="float: right;"><b>Course # 43G01.CTE</b></span>  <b>Grades: 9-10</b>  <b>Prerequisite: Advanced Math8/Math 1, grade “B” or higher</b>  <b>Course Sequence: Introductory</b></p> <p>Exploring Computer Science is a yearlong course consisting of six units, approximately six weeks each. The course was developed around a framework of both computer science content and computations.</p>
AP Computer Science Principles (HP)	<p><b>Meets UC A-G “C” Requirement – UC Honors Course</b> <span style="float: right;"><b>Course # 43G33.CTE</b></span>  <b>Grades: 10-12</b>  <b>Prerequisite: Grade of B or A in Math 1, or a Grade B or A in higher level math course</b>  <b>Course Sequence: Concentrator</b></p> <p>AP Computer Science Principles is a course that delves into five specific aspects of computer science including: The Internet – how the multi-layered systems work; Digital Information – use of a variety of tools; Big Data and Privacy – how to research current events; and Building Apps – how to create a series of applications.</p>
AP Computer Science A (HP)	<p><b>Meets UC A-G “C” Requirement – UC Honors Course</b> <span style="float: right;"><b>Course # 44908.CTE</b></span>  <b>Grades: 11-12</b>  <b>Prerequisite: Math 2 with grade “B” or higher</b>  <b>Course Sequence: Capstone</b></p> <p>This course is an introduction to computer science using Java programming language. Successful completion of this course will prepare students for the AP College Board exam in May.</p>

## Systems, Diagnostics, Service, & Repair (CHS, CWHS)

<b>Pathway Course</b>	<b>Description</b>
Basic Auto	<p><b>Grades: 9-12</b> <span style="float: right;"><b>Course # 30087.CTE</b></span></p> <p><b>Prerequisite: None</b></p> <p><b>Course Sequence: Introductory</b></p> <p>This course provides students with the information and activities which will stimulate understanding of the automobile and the automotive industry. It covers information regarding components of the automobile and how they work together, as well as general principles, and basic service.</p>
Auto 2	<p><b>Grades: 10-12</b> <span style="float: right;"><b>Course # 30088.CTE</b></span></p> <p><b>Prerequisite: Basic Auto 1 with grade of "C" or higher</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>Studies include the principles of engines, chassis, electrical systems, brake, and suspension systems.</p>
Auto 3	<p><b>Grades: 10-12</b> <span style="float: right;"><b>Course # 30089.CTE</b></span></p> <p><b>Prerequisite: Auto 2 with grade of "C" or higher</b></p> <p><b>Course Sequence: Concentrator</b></p> <p>This is a yearlong course covering two related areas of the automobile electrical systems and engine performance. One part of the course deals with electrical needs of the automobile and relate components. It involves detailed study of electrical fundamentals: starting, charging, ignition, lighting, and auxiliary systems. Engine performance deals with the principles of engine compression, ignition, and carburetion. Students will learn to work with electrical test equipment commonly used in the industry.</p>
*ROP Auto Systems Technology DE: Auto Tech 9 (Fresno City College) CHS only	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course #R3002</b></span></p> <p><b>Prerequisite: Auto 3 with grade of "C" or higher recommended</b></p> <p><b>Course Sequence: Capstone</b></p> <p>This Auto Systems course provides students practical hands-on experience in diagnosing, troubleshooting and service procedures in the automotive field. The course also covers shop practice of maintenance and repair in the automotive specialty areas. Along with classroom work, this class will consist of a series of projects to be completed on automobiles. All repair jobs will be approved and assigned by the instructor with some students specializing in certain interest areas.</p>
*ROP Engine Technology	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course #R3010</b></span></p> <p><b>Prerequisite: Basic Auto or Auto 2 recommended</b></p> <p><b>Course Sequence: Capstone</b></p> <p>Students gain practical, hands-on experience in diagnosing, troubleshooting, and servicing procedures with particular emphasis on engine service and repair. The course also covers the shop practice of maintenance and repair in the following areas: drive trains, axles, suspension, steering, brakes, and air conditioning. Students develop their skills through classroom instruction and a series of assigned projects.</p>
*ROP Diesel Engine Technology DE: Auto Tech 9 (Fresno City College) CHS only	<p><b>Grades: 11-12</b> <span style="float: right;"><b>Course # R3050</b></span></p> <p><b>Prerequisite: Site requirements or instructor permission.</b></p> <p><b>Course Sequence: Capstone</b></p> <p>This course is designed to train students for employment opportunities available within the agricultural/industrial industry. The course emphasizes skills necessary in the field of diesel equipment mechanics where students learn how to perform major overhaul and tune-up of the diesel engines.</p>

# CENTER FOR ADVANCED RESEARCH AND TECHNOLOGY

CART offers a half-day program for juniors and seniors. Students choose a career-focused lab that offers integrated curriculum which is project-based, features community involvement and use of technology. Students work in groups and interact with mentors from the community, all while making progress towards graduation and college.

## ***School For Your Future***

Project Based Learning  
Career Experiences  
Industry Certifications

Integrated Curriculum  
CTE  
Community Projects

Business Partnerships  
College Prep Coursework  
CSU Uni-track College Credit

***Half-Day Sessions Available to Juniors and Seniors***

## **COURSE CREDITS**

**English (all labs) Science or Social Science (most labs) Career Focus Course**  
(UC approved or earn industry certifications)

**CART Technology**

## **PREREQUISITES FOR APPLICATION**

Successful completion of Biology, Math I, and two years of English

Regular attendance

On track for graduation

Permission of high school counselor and parent

Additional prerequisites for some labs

## **HALF-DAY SESSIONS**

Morning Session - 7:30 - 10:30 am

Afternoon Session - 12:30 - 3:30 pm

Transportation provided to and from each home school

2555 Clovis Avenue, Clovis, CA 93612

559-248-7400

***www.cart.org***

***www.facebook.com/cartschool***

# CART LABS

## Biomedicine Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**

**Clinical Anatomy/Physiology (P)-55D07CRT**

**Advanced Topics in Medicine (P)-55036CRT**

Sponsored by Community Medical Centers

Students explore issues in medical science and human anatomy/physiology through their involvement in dissections, medical case studies, and research projects. Students investigate how a healthy body functions and how it reacts to disease. Students will explore medical careers by working with various medical professionals. Required prerequisites: “C” or better in Biology, Chemistry Algebra 1 and English. Minimum 2.5 GPA.

## Biotechnology Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**

**Chemistry (P)-55710CRT or**

**Advance Science Topics (P)-55730CRT**

**Biotechnology Accelerated & Research (ROP)(P)-55D02CRT**

Sponsored by Kaiser Permanente

Get the inside track on one of the fastest growing industries. Using state-of-the-art technology, students will develop potential pharmaceutical drugs and test them, genetically engineer bacteria, perform DNA fingerprinting, extract and copy DNA, explore questions related to genetic, infectious and other types of disease, look closely at environmental health issues, and wrestle with difficult ethical considerations related to cloning, stem cells, gene therapy, and genetically modified foods. Recommended prerequisites: “C” or better in English, Algebra 1 and Biology.

## Business and Finance Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**

**US History (P)-66408CRT or Government-66401CRT and Economics (P)-66906CRT**

**Global Economics and Finance (P) (ROP)-39901CRT**

Learn to manage and invest money. Learn to be your own boss in a business you create. Students study human behaviors of producing, distributing, and consuming materials, goods, and services in a world of limited resources. They learn how the financial services industry works as they strengthen the analytical, technical and communication skills needed to succeed in any economy.

## Digital Marketing and Entrepreneurship Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**

**US History (P)-66408CRT or Government-66401CRT and Economics (P)-66906CRT**

**Economics of Marketing (P) (ROP)-39900CRT**

Students explore the dynamics of how and why people spend their money and time, as well as ways to influence those decisions. They work with business professionals to produce effective business plans and develop marketing strategies for local businesses. Students learn industry standard technology for conducting market research and creating advertising products.

## Engineering, Manufacturing and Robotics Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Physics and Technology (P)-55901CRT**  
**Engineering 1 (P)-55729CRT**

Sponsored by Grundfos-ROP

Creativity, knowledge and skill are used to develop solutions to real world problems. Working as individuals and in small teams, students design, test and evaluate working prototypes of their solutions. Students will learn how to bring engineering designs into the physical world using a variety of engineering tools, skills, and practices including cutting edge CAD, and CAM solutions. CNC machines, 3D printers and Laser Cutters are just a few of the technologies that will be introduced to basic electronics, microcontrollers and computer programming while learning to design build and program robotic and automation devices.

## Environmental Science and Field Research Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Zoology (P)-55715CRT**  
**Environmental Science and Technology (P, U) (ROP)-39701**

Sponsored by Grundfos

Students take part in several field trips in order to experience the San Joaquin Valley, San Joaquin River, Pacific Coast, and the Sierra Nevada Mountains. Students will carry out hands on projects relating to careers in marine biology, wildlife rehabilitation, air quality, river ecology, alternative energy, and forests. Students will have the opportunity to work with environmental professionals and government agencies to complete scientific projects. Some examples are growing native plants, restoring native wildlife habitat, rehabilitating injured and orphaned wildlife species, monitoring forests, experimenting in wetlands and conducting studies of tide pools and beaches.

## Forensic Research and Biotechnology Lab

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**Students take:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Physical Forensic Science (P)-55D14CRT**  
**Forensic Research & Biotechnology (P)-55719CRT**

Students use hands-on investigative science techniques to solve intriguing problems involving the law. Scientific evidence, DNA, fingerprinting, physical evidence, crime scene reconstruction, and biotechnology are used to create a picture of what happened in the past. Recommended Prerequisites: "C" or better in Biology, Math 1, and English.

## Interactive Game Design Lab

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**Students take:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Interactive Game Design (P) (2 periods) (ROP)-R3006CRT**

CART Technology Applications Game Design requires skills in a number of areas including graphic design, programming, audio, animation, and modeling. All students have the opportunity to learn about each of these areas while working in teams to create original games and characters rendered in both two and three dimensions. Students are introduced to industry standard software such as 3D Studio Max, XNA Game Studio, Unreal, Flash and Photoshop. Recommended Prerequisites: Database, programming, graphics, or web design.

## Law and Order and Policy Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Government-66401CRT and Economics (P)-66906CRT**  
**Law and Order and Public Policy (P)-39902CRT**

Sponsored by McCormick Barstow LLP

Students study the major aspects of constitution, criminal, and civic law. Students examine the American legal system and its impact on every American's life. They will discover the state of the law and forecast the changes that will occur in their lifetime. Students will also consider America's influence on global legal issues.

## Multimedia – Digital Media and Graphic Design Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Digital Media and Graphic Design (P) (ROP) (2 periods)-R7F03**

Students will explore and develop skills in communication and message design including color, typography, image placement and art and design principles. They will investigate graphic and web techniques in cooperative teams similar to corporate settings. Design students will work on all stages of production using industry-standard software (i.e. Adobe Design Premium Suite) to create original products such as posters, websites, newspapers, brochures, package designs and two-dimensional animation. All multimedia students develop skills in the content and presentation of message design, the sociological impacts of media, and the stages of the production cycle.

## Multimedia – Digital Video Production & Broadcasting Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Digital Video Production and Broadcast (P) (ROP) (2 periods)-R7F02CRT**

Students develop skills in television and film production. Using industry-standard software packages (i.e. Adobe Master Collection), students will engage in hands-on, integrated curriculum. They work on all stages of production while creating products such as short films, advertisements, journalism broadcasts, and documentaries. All multimedia students develop skills in the content and presentation of message design, the sociological impacts of media, and the stages of the production cycle.

## Psychology and Human Behavior Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Neuroscience (P)-55G03CRT**  
**Psychology of Human Behavior (P)-60G02CRT**

Students will investigate the inner workings of the human mind on the chemical level. Learn why people behave the way they do. What influences behavior? How is behavior controlled, changed, and modified?

## Web Application Development Lab

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**Program includes:**

**Composition Through Careers (HP)-22B06CRT or Expository English 12 (HP)-22B05CRT**  
**Applications Programming (P) (2 Periods)(ROP)-R3024CRT**

Students go beyond being a user of technology and become certified to design, develop, and deploy their own Rich Internet Applications, websites, and games using Web 2.0 developer tools such as Java, SQL, HTML5, CSS3, and JavaScript. Learn the foundational skills of object-oriented programming, web design, database design, scripting, and graphical user-interface design to ensure that end-users have a positive experience and return again and again to applications. Certifications through Microsoft, Adobe, and CIW are available.

<b>CART Courses</b>	<b>CUSD Graduation</b>	<b>UC Approved A-G</b>
<b>Advanced Science Topics</b>	Elective	D-Science
<b>Advanced Topics in Medicine</b>	Elective	G-Science Elective
<b>Applications Programming</b>	Elective	G-Elective
<b>Biotechnology Accelerated &amp; Research</b>	Elective	D-Science
<b>Chemistry</b>	Physical Science	D-Science
<b>Clinical Anatomy and Physiology</b>	Life Science	D-Science
<b>Composition Through Careers (HP)</b>	English	B-English - Honors Course
<b>Digital Media and Graphic Design</b>	Fine Art	F-Visual Art
<b>Digital Video and Broadcasting</b>	Fine Art	F-Visual Art
<b>Economics</b>	Social Science	G-Social Science Elective
<b>Economics of Marketing</b>	Elective	G-Social Science Elective
<b>Expository English 12 (HP)</b>	English	B-English - Honors Course
<b>Engineering</b>	Elective	G-Elective Interdisciplinary
<b>Environmental Science and Technology</b>	Life/Physical Science	D-Science
<b>Forensic Research and Biotechnology</b>	Elective	G-Science Elective
<b>Government</b>	Social Science	A-Social Science
<b>Interactive Game Design</b>	Elective	G-Elective
<b>Law and Order and Public Policy</b>	Elective	G-Social Science Elective
<b>Money and Banking</b>	Elective	G-Social Science Elective
<b>Neuroscience</b>	Life Science	D-Science
<b>Physical Forensic Science</b>	Physical Science	D-Science
<b>Physics and Technology</b>	Physical Science	D-Science
<b>Psychology and Human Behavior</b>	Elective	G-Science Elective
<b>US History</b>	Social Science	A-Social Science
<b>Zoology</b>	Life Science	D-Science

# CLOVIS ONLINE SCHOOL

Clovis Online School is a public charter through Clovis Unified School District. The school operates as a full-time, independent online, diploma-granting public school that will serve students in grades 7-12 who have needs that may not be easily met in a traditional school or classroom setting. The school provides a personalized, flexible, innovative, instructor-facilitated and supervised learning program, where students can study at their own pace, on their own schedule, with instruction, supervision, and support from a team of highly qualified California certified instructors.

## CLOVIS ONLINE SCHOOL ACCREDITED MIDDLE AND HIGH SCHOOL COURSE OFFERINGS

### ART

#### **Art 1 AB (P)**

**Course # W8302**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

Art 1AB is an introductory art course with emphasis upon drawing and painting. Students learn drawing and painting skills using pencil pen, and ink, as well as watercolors and tempera, elements of art and principles of design. The elements of art are introduced in 2-dimensional design. Historical and cultural influences in art are also discussed, and students will assess the aesthetic and technical properties of art.

### ENGLISH

#### **AP English Language and Composition AB (HP)**

**Course # W2505**

**Meets UC A-G "B" Requirement – UC Honors Course**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** SBAC met or exceeded standard.

AP Composition AB (HP) covers a syllabus equivalent to entry level college composition and necessary for students to pass the College Board exam in May for college placement and/or credit. Topics include diction and language analysis, forms of discourse, and refinement of rhetorical style.

#### **AP English Literature and Composition AB (HP)**

**Course # W2503**

**Meets UC A-G "B" Requirement – UC Honors Course**

**Grades:** 12  
**Duration:** Year Course  
**Prerequisite:** SBAC met or exceeded standard.

AP Literature AB (HP) covers a syllabus necessary for students to pass the College Board exam in May for college placement and/or credit. Topics include in-depth literary analysis, diction and language-style analysis, forms of discourse, and refinement of rhetorical-style.

## CSU Expository Reading and Writing Course AB (P)

Course # W2B02

Meets UC A-G "B" Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** English 9, English 10, and English 11 or equivalent if taken in Grade 12.

CSU Expository Reading and Writing Course (P) prepares college-bound seniors for the literacy demands of higher education. Through a sequence of fourteen rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing.

## English 9 AB (P)

Course # W2515

Meets UC A-G "B" Requirement

**Grade:** 9  
**Duration:** Year Course  
**Prerequisite:** None

English 9 AB (P) covers literary analysis, vocabulary development, critical thinking skills, research skills and interpretation of functional workplace documents. The writing process and language skills are emphasized.

## English 9 Honors AB (P)

Course # W2516

Meets UC A-G "B" Requirement

**Grade:** 9  
**Duration:** Year Course  
**Prerequisite:** Permission of instructor and/or exam.

English 9 Honors AB (P) meets the needs of accelerated freshmen. This course emphasizes sophisticated levels of literary forms and types, as well as style and structure, and advanced essay writing skills. It focuses on literary analysis, language skills, vocabulary development, critical thinking skills, and research skills.

## English 10 AB (P)

Course # W2512

Meets UC A-G "B" Requirement

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** None

English 10 AB (P) covers literary analysis, vocabulary development, critical thinking skills, research skills and interpretation of functional workplace documents. The writing process and language skills are emphasized.

## English 10 Honors AB (HP)

Course # W2517

Meets UC A-G "B" Requirement – UC Honors Course

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** English 9; Honors English 9 recommended.

English 10 Honors AB (HP) meets the needs of accelerated sophomores. This course emphasizes sophisticated literary forms and analysis. It focuses on language skills, vocabulary development, critical thinking skills, the writing process, advanced writing skills, and research skills. It prepares students for AP English classes in grades 11 and 12.

## English 11 AB (P)

Course # W2513

Meets UC A-G "B" Requirement

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** None

English 11 AB (P) emphasizes literary analysis, vocabulary development, critical thinking skills and interpretation of functional workplace documents. It continues the development of composition and literary skills through the study of contemporary fiction and American literature.

## English 11 Honors (HP)

Course # W2B03

Meets UC A-G “B” Requirement – UC Honors Course

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** English 10, English 10 Honors recommended. Counselor approval.

This junior-year Honors English course invites students to delve into American Literature from early American Indian voices through contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, including the full-length novel *The Awakening* by Kate Chopin. While critically reading fiction, poetry, drama, and expository nonfiction, honors students will master comprehension, use evidence to conduct in-depth literary analysis, and examine and critique how authors develop ideas in a variety of genres. Interwoven throughout the lessons are activities that encourage students to strengthen their oral language skills, research and critically analyze sources of information, and produce clear, coherent writing. To round out the course, students will read a range of short but complex texts, including Henry David Thoreau’s essay “Civil Disobedience,” Floyd Dell’s drama *King Arthur’s Socks*, and works by Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

## English 12 AB (P)

Course # W2514

Meets UC A-G “B” Requirement

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** None

English 12 AB (P) emphasizes literary analysis, vocabulary development, critical thinking skills and interpretation of functional workplace documents. It continues the development of composition and literary skills through the study of classic, contemporary, and world literature.

## English Lab AB

Course # W2021

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** English 10, English 10 Honors recommended. Counselor approval.

English Lab AB helps students gain mastery of reading and comprehension skills necessary for high school graduation and successful completion of high school course work. Schools may incorporate READ 180 Lab into this offering.

## English Language Arts 12 Honors (HP)

Course # W2B01

Meets UC A-G “B” Requirement – UC Honors Course

**Grades:** 12  
**Duration:** Year Course  
**Prerequisite:** English 11, English 11 Honors recommended. Counselor approval.

This senior-year honors English course invites students to delve into British literature, from ancient texts such as the epic *Beowulf* through contemporary works. Students will engage in a variety of rigorous lessons with a focus on academic inquiry, literary analysis, and inferential evaluation. While critically reading fiction, poetry, drama, and expository nonfiction, honor students will master comprehension, use evidence to conduct in-depth literary analysis, examine and critique how authors develop ideas in a variety of genres, and synthesize ideas across multiple texts. In addition to activities offered to students in core courses, honors students are given additional opportunities to create and participate in project-based learning activities, including creating a time travel brochure and an original interpretation of William Shakespeare’s *The Tragedy of Hamlet*. Honors students will read a range of classic texts, including Robert Louis Stevenson’s *The Strange Case of Dr. Jekyll and Mr. Hyde*, “Politics and the English Language” by George Orwell, and William Shakespeare’s *The Tragedy of Hamlet*. In addition to full length works, students will read a variety of excerpts, including readings from *Lord of the Rings: The Fellowship of the Ring*, *The Smithsonian’s History of America in 101 Objects*, and Chaucer’s *The Canterbury Tales*, as well as a variety of short fiction, speeches, and poetry.

## English Seminar AB

Course # W2010

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Teacher/Counselor placement.

English Seminar AB provides additional support with English Language Arts. This course supports students by using strategies needed to understand a variety of texts and become better writers.

## Experiences in Literature and Composition 1 AB

Course # W2016

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Teacher/Counselor placement.

Experiences in Literature and Composition 1AB examines high interest literary works in the form of novels, short stories, essays, and poems. It develops basic and practical writing skills in response to literature and gives individualized instruction that prepares students for successful completion of other courses in their junior and senior years. (The course focuses on students who have struggled academically during their freshman and/or sophomore years or students mainstreamed through the Special Education Department. A special education teacher assists the instructor.)

## Experiences in Literature and Composition 2 AB

Course # W2001

**Grade:** 12  
**Duration:** Year Course  
**Prerequisite:** Teacher/Counselor placement.

Experiences in Literature and Composition 2AB examines high interest multicultural literary works in the form of novels, short stories, essays, and poems. It develops basic and practical writing skills in response to literature and gives individualized instruction that prepares students for successful completion of other courses in their junior and senior years. (The course focuses on students who have struggled academically during their freshman and/or sophomore years or students mainstreamed through the Special Education Department. A special education teacher assists the instructor.)

## Middle School English

### 7<sup>TH</sup> Grade Academic Block English 7

Course # W0056

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

In this course, students develop literacy skills to support development in areas of reading, writing, speaking, and listening. Students will develop reading strategies that they will be required to apply during independent and classroom reading. The course content expects students to read and analyze texts that represent diverse world cultures in the grades 6-8 text complexity band. Students will also develop writing skills in the three modes of writing suggested in California Content Standards – informative, argumentative, and narrative.

### 8<sup>th</sup> Grade Academic Block English 8

Course # W0058

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

In this course, students develop literacy skills to support development in areas of reading, writing, speaking, and listening. Students will develop reading strategies that they will be required to apply during independent and classroom reading. The course content expects students to read and analyze texts that represent diverse world cultures in the grades 6-8 text complexity band. Students will also develop writing skills in the three modes of writing suggested in California Content Standards – informative, argumentative, and narrative.

## HEALTH

### Health

Course # W5007

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None

Health is a general introduction course that teaches positive behaviors to ensure a lifetime of wellness. Topics include reproductive health, social-emotional wellness substance abuse diseases and disorders, nutrition, life skills, and refusal skills, comprehensive sex education and HIV prevention.

# **HISTORY/SOCIAL SCIENCE**

## **American Government A (P)**

**Course # W6401**

**Meets UC A-G “A” Requirement**

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** None

This semester class covers America’s political foundations; political parties, media and special interest groups; three branches of government: legislative, executive and judicial and their influence on society.

## **American Government Honors (HP)**

**Course # W6A03**

**Meets UC A-G “A” Requirement – UC Honors Course**

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** Counselor Approval

From the origins of democracy through our nation’s public policies, students will take part in a more rigorous semester-long study of the principles and procedures of the United States’ government. Students begin by taking an in-depth look at the creation of the Constitution and analyze the Amendments contained therein. Supreme Court cases that have challenged what our constitutional rights are, and their lasting impact is the next topic covered in the course. Students then study the structure and duties of our government, including writing an informative essay about a federal agency. Students then explore the duties of an American citizen and finally examine the various public policies for which our government is responsible. From writing about the purpose of government to analyzing landmark Supreme Court decisions, students are better equipped to understand how the federal, state, and local governments work as well as how citizens should engage with each other in today’s society. Throughout this Honors course, students continuously analyze primary and secondary sources, including political cartoons, essays, and judicial opinions. Projects such as creating a political cartoon and taking part in a debate about voter ID laws encourage students to perform throughout the course at a higher level.

## **AP Human Geography AB (HP)**

**Course # W6G03**

**Meets UC A-G “A” Requirement – UC Honors Course**

**Grade:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Approval from counselor or instructor; students must be above grade level in reading/language.

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

## **AP Psychology AB (HP)**

**Course # W6904**

**Meets UC A-G “G” Requirement – UC Honors Course**

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Approval from counselor or teacher.

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

## AP U.S. Government / Politics A (HP)

Course # W6404

Meets UC A-G “A” Requirement – UC Honors Course

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** Approval from counselor or instructor; students must be above grade level in reading/language.

This course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.

## AP United States History AB (HP)

Course # W6402

Meets UC A-G “A” Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Approval of counselor or instructor; students must be above grade level in reading/language.

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

## AP World History AB (HP)

Course # W6013

Meets UC A-G “A” Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Approval of 9th grade English teacher and/or counselor. Student must be above grade level in reading/language

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

## Economics A (P)

Course # W6906

Meets UC A-G “G” Requirement

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** None

This course builds upon the fundamental concepts presented in the required social science classes. Topics covered include a study of the free market system, labor force, monetary policy, fiscal policy, and international trade.

## Economics Honors (HP)

Course # W6G01

Meets UC A-G “G” Requirement – UC Honors Course

**Grade:** 12  
**Duration:** Semester Course  
**Prerequisite:** Counselor Approval

From creating graphs to reach equilibrium to learning to manage a bank account, students will take part in a more rigorous semester-long study of the principles and processes of economics in the American system. Students begin with an introduction of basic economic concepts then move on to an in-depth study of microeconomic principles. Students showcase their understanding of supply, demand, and economic choices by completing a case study on starting a business. Students then turn to macroeconomic concepts, government policies, and entrepreneurship. With this foundation, students create a proposal for public policies and programs in a small developing nation. Students continue their study of Economics by examining global economic concepts such as trade barriers and agreements. This Honors course concludes with a unit on personal finance. Students will learn more about topics such as taxation, financial institutions, credit, and money management. Students extend their knowledge of personal financial planning by creating a successful budget. Throughout the course, economic theory is introduced, demonstrated, and reinforced through real-life scenarios and examples. In assignments and project-based lessons, students learn to apply critical thinking skills while making practical economic choices.

## Psychology A (P)

Course # W6907

Meets UC A-G “G” Requirement

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None

Psychology A is an introductory course to the study of the individual as a behavioral science. Topics include the biological and social basis of behavior, perception, motivation, intelligence, and personality.

## Sociology A (P)

Course # W6912

Meets UC A-G “G” Requirement

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None

Sociology A is an introductory course in the study of groups as a behavioral science, including areas of interest and techniques used. Special emphasis is placed on groups that affect lives of the adolescent, the development of values and the adolescent’s place in society. The course concludes with a look at the causes and consequences of social problems of interest to the adolescent.

## United States History AB (P)

Course # W6408

Meets UC A-G “A” Requirement

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** None

United States History AB (P) continues to build upon the 20th century chronological development of our country to study major themes that have shaped our country’s destiny. The shaping of America’s future depends on a better understanding of her past.

## United States History Honors (HP)

Course # W6A02

Meets UC A-G “A” Requirement – UC Honors Course

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** Counselor Approval

From the Industrial Revolution through today’s society, students will embark on a more rigorous yearlong study of our country’s modern history. Students investigate the economic, political, and social revolutions that have transformed our country into the nation it is today. Units progress through the course by taking an in-depth look at events such as those surrounding our nation’s expansion westward, civil rights in various eras, our nation’s involvement in World War I and II, as well as cultural aspects of our society. From analyzing landmark Supreme Court decisions to writing about advancements in technology, students are better equipped to compare what happened in yesterday’s world with what is going on in our modern era. Throughout this Honors course, students will continuously analyze primary and secondary sources relating to the period of study. Incorporating activities from other disciplines gives students the opportunity to connect history to other subjects. Students read excerpts from novels like Upton Sinclair’s *The Jungle*, and Geronimo’s autobiography, *Story of His Life*. Activities such as writing about how the frontier is part of America’s history and national character and analyzing various Presidents’ speeches encourage students to perform throughout the course at a higher level.

## World Geography & Cultures A (P)

Course # W6940

Meets UC A-G "A" Requirement

**Grade:** 9  
**Duration:** Semester Course  
**Prerequisite:** None

World Geography and Cultures will explore and discover the processes that shape the earth, the relationships between people, and the environment.

## World History AB (P)

Course # W6909

Meets UC A-G "A" Requirement

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** None

World History AB (P) covers history, geography and economics of selected cultures from both the western world and non-western worlds. Themes include the rise of democracy, the effects of nationalism, revolution and imperialism along with industrialization, militarism and the background of current global conflict. The historical backgrounds of the past will be related to our present world situation.

## World History Honors (HP)

Course # W6A01

Meets UC A-G "A" Requirement – UC Honors Course

**Grade:** 10  
**Duration:** Year Course  
**Prerequisite:** Counselor Approval

From the first civilizations through today's society, students will embark on a more rigorous yearlong study of our world's history. Students investigate classical civilizations in the Middle East, Africa, Europe, and Asia while exploring the economic, political, and social revolutions that have transformed human history. Units progress through the course by touching on world wars, imperialism, and cultural aspects of each region's society. From creating an explorer's notebook to mapping out how Europe changed after World War II, students are better equipped to compare what happened in yesterday's world with what is going on in our modern era. Throughout this Honors course, students will continuously analyze primary and secondary sources relating to the region and era of study. Incorporating activities from other disciplines gives students the opportunity to connect history to other subjects. Students read excerpts from novels such as Charles Dickens' *Hard Times* and excerpts from memoirs like that of Ji-li Jiang's, titled *Red Scarf Girl*. Projects such as writing a summary of a current event based on an ancient religion encourage students to perform throughout the course at a higher level.

## Middle School History/Social Science

### 7<sup>th</sup> Grade Academic Block World History

Course # W0055

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None.

This course is the study of medieval world history (rise and fall of Rome, Islam, Africa, China, Japan, and Europe: Middle Ages through the Enlightenment and the Americas).

### 8<sup>th</sup> Grade Academic Block U.S. History

Course # W0052

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None.

This course begins with an intensive review of the major ideas, issues, and events preceding, and leading up to, the founding of the nation. Students will concentrate on the critical events of the period, from the framing of the Constitution to Reconstruction

# MATHEMATICS

## Advanced Math Analysis AB (HP)

Course # W4609

Meets UC A-G “C” Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** Grade of B or higher in Math 3 AB and teacher recommendation. Grade “A” in Math 3 AB with teacher and counselor recommendation.

Advanced Math Analysis AB (HP) provides a formal study of trigonometry limits, differential calculus, and selected topics which provide a foundation for Calculus BC.

## Advanced Mathematics AB (P)

Course # W4601

Meets UC A-G “C” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Grade of C or higher in Math 3 AB.

Advanced Mathematics AB (P) provides a formal study of trigonometry and exposure to selected topics which provide a foundation for the first course in calculus. Scientific calculators will be used extensively. Topics include: trigonometry, logarithms, functions, and limits.

## AP Calculus AB (HP)

Course # W4606

Meets UC A-G “C” Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Grade of “B” or better in Math 3 AB Honors or “B” or better in Adv. Math AB.

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

## AP Statistics AB (HP)

Course # W4637

Meets UC A-G “C” Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Statistics/Probability with an “A” or Math 3AB (P) with “A” Concurrently taking Advanced Math.

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

## Financial Math (P)

Course # W4G01

Meets UC A-G “C” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Completed Math 2

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, Project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skills sets, including percentages, proportions, data analysis, linear systems, and exponential functions. Foundations of Algebra AB Course # 44060

## Foundations of Math 2 AB

Course # W4040

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Passing grade in Math 1.

This course is designed for students who desire to learn the basic concepts of Math 2.

## Foundations of Math 3 AB

Course # W4041

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Passing grade in Math 2AB.

Foundations of Math 3 is a preparatory course designed to help students master the skills necessary for success in Math 3 AB (P). This course will cover graphing functions, solving equations, solving inequalities, rational functions, radical functions, an introduction to statistics, and trigonometry. This course will prepare students for the eleventh grade California Assessment of Student Performance and Progress and the state college placement exam.

## Honors Math 1AB (P)

Course # W4C11

Meets UC A-G “C” Requirement

**Grades:** 9  
**Duration:** Year Course  
**Prerequisite:** Permission from Counselor and/or exam

For the high school Honors Math 1 course, instructional time will focus on six critical areas: 1) extend the understanding of numerical manipulation to algebraic manipulation; 2) synthesize understanding of functions; 3) deepen and extend understanding of linear relationships; 4) apply linear models to data that exhibit a linear trend; 5) establish criteria for congruence based on rigid motions, and 6) apply the Pythagorean Theorem to the coordinate plane. This course includes additional standards to prepare students for Calculus course after Honors Math 3.

## Honors Math 2 AB (P)

Course # W4C03

Meets UC A-G “C” Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** Fulfilling criteria per CUSD 9th grade math placement policy.

For the high school Honors Math 2 course, instructional time will focus on five critical areas: 1) extend the laws of exponents to rational exponents; 2) compare key characteristics of quadratic functions with those of linear and exponential functions; 3) create and solve equations and inequalities involving linear, exponential, and quadratic expressions; 4) extend work with probability; and 5) establish criteria for similarity of triangles based on dilations and proportional reasoning. This course includes trigonometry and other addition standards to prepare students for a Calculus Course after Math 3 Honors.

## Honors Math 3 AB (HP)

Course # W4C05

Meets UC A-G “C” Requirement – UC Honors Course

**Grades:** 10-11  
**Duration:** Year Course  
**Prerequisite:** “B” or better in Honors Math 2AB.

For the high school Honors Math 3 course, instructional time will focus on the five key areas: 1) deepen and extend understanding of the use of statistics with identifying different ways of collecting data and the conclusions that can be drawn; 2) apply operations to polynomial functions; 3) solve polynomial, rational, radical and trigonometric functions algebraically and graphically 4) extend work with function families and the effects of transformations on them; and 5) model and solve real world problems that require the use of polynomial, rational, radical and trigonometric functions. The course includes the additional standards required to fully prepare students for a Calculus course after Honors Math 3.

## Math 1 AB (P)

Course # W4C01

Meets UC A-G “C” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Fulfilling criteria per CUSD 9th grade math placement policy.

For the high school Math 1 course, instructional time should focus on six critical areas: 1) extend understanding of numerical manipulation to algebraic manipulation; 2) synthesize understanding of function; 3) deepen and extend understanding of linear relationships; 4) apply linear models to data that exhibit a linear trend; 5) establish criteria for congruence based on rigid motions; and 6) apply the Pythagorean Theorem to the coordinate plane.

## Math 2 AB (P)

Course # W4C02

Meets UC A-G “C” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** C or better in Math 1 or Adv. Math 8 or fulfilling criteria per CUSD 9th grade math placement policy.

For the high school Math 2 course, instructional time will focus on five critical areas: 1) extend the laws of exponents to rational exponents; 2) compare key characteristics of quadratic functions with those of linear and exponential functions; 3) create and solve equations and inequalities involving linear, exponential, and quadratic expressions; 4) extend work with probability; and 5) establish criteria for similarity of triangles based on dilations and proportional reasoning.

## Math 3 AB (P)

Course # W4C04

Meets UC A-G “C” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** C or better in Math 2AB.

For the high school Math 3 course, instructional time will focus on the five key areas: 1) deepen and extend understanding of the use of statistics with identifying different ways of collecting data and the conclusions that can be drawn; 2) apply operations to polynomial functions; 3) solve polynomial, rational, radical and trigonometric functions algebraically and graphically; 4) extend work with function families and the effects of transformations on them; and 5) model and solve real world problems that require the use of polynomial, rational, radical and trigonometric functions.

## Math Lab AB

Course # W4014

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** None

Math Lab AB provides an individualized format to support students toward meeting the mathematics graduation requirement. Students work on a continuous progress basis with a personal contract.

## Statistics & Probability AB (P)

Course # W4611

Meets UC A-G “C” Requirement

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Grade of C or better in Math 3 AB.

Statistics and Probability AB provides college bound students with an introduction to the essential basics of statistical analysis and the theory of probability. This course will include applications to the fields of social science, psychology, education, business and medicine. Topics include: descriptive statistics, measures of central tendency and dispersion, correlation and regression analysis, probabilities of compound events, normal distribution

## Trigonometry A (\*P)

Course # W4C06

Meets UC A-G “C” Requirement

**Grades:** 11-12  
**Duration:** Semester Course  
**Prerequisite:** Grade of “B” or better in Math 3 AB (P) with teacher and counselor recommendation

In this one-semester course, students use their geometry and algebra skills to begin their study of trigonometry. Students will be required to express understanding using qualitative, quantitative, algebraic, and graphing skills. This course begins with a quick overview of right-triangle relationships before introducing trigonometric functions and their applications. Students explore angles and radian measures, circular trigonometry, and the unit circle. Students extend their understanding to trigonometric graphs, including the effects of translation and the inverses of trigonometric functions. This leads to the laws of sines and cosines, followed by an in-depth exploration of trigonometric identities and applications. This course ends with an introduction to the polar coordinate system, complex numbers, and DeMoivre’s theorem.

# Middle School Math

## **Advanced Math 7**

**Course # Wi012**

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** Current grade, state test score, teacher recommendation, score on District math placement test

This course is offered to students who anticipate taking advanced placement mathematics in high school. This course provides an opportunity for students to begin advanced course work as a 7<sup>th</sup> grade student. A student who consistently scores in the highest testing level on standardized/benchmark math tests – typically the top 10-35% of the class. (A student who will be ready to take AP Calculus in high school. A student who strongly leans toward a career as an engineer, scientist, mathematician.)

## **Advanced Math 8**

**Course # Wi022**

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** Must meet CUSD placement requirements. Student must have completed Advanced Math 7 with a minimum of an 85% average from both semesters to enroll in this course.

This course is the equivalent of a 1<sup>st</sup> year high school math course. Students will be studying concepts from the traditional course of Algebra 1 and Geometry. Students meeting requirements will be expected to enter Math 2 as a 9<sup>th</sup> grade student.

## **Math 7**

**Course # Wi010**

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None.

Math 7 will focus on four critical areas as defined by the California Content Standards:  
(1) Students will develop an understanding of proportional relationships, including percentages, and apply this to real world and mathematical problems. (2) Students will develop an understanding of operations with rational numbers and work with expressions and linear equations. They will work toward fluently solving two-step equations of the form  $px+q=r$  and  $p(x+q)=r$ . (3) Students will solve problems that involve scale drawings and informal geometric constructions and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume. (4) Students will draw inferences about populations based on samples.

## **Math 8**

**Course # Wi020**

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None.

In grade 8, instructional time should focus on three critical areas as defined by the California Content Standards: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theory.

# PHYSICAL EDUCATION

## **P.E. Core A / B**

**Course # W1030(A) / # W1301(B)**

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** None

This core curriculum class provides direct instruction on the concepts related to the physiology of exercise, exposes students to a wide variety of sport activities, and prepares students to be informed consumers in physical and recreational activities. Upon the completion of four semesters of Core A and B physical education students are eligible for the physical education elective curriculum.

## **P.E. Medical Excuse**

**Course # W1014**

**Grades:** 7-12  
**Duration:** Varies  
**Prerequisite:** Doctor's Written Notification

P.E. Medical is used when a student has a medical condition, documented by their doctor, stating the student is unable to participate in P.E.

## **P.E. Waiver**

**Course # W1020**

**Grades:** 7-12  
**Duration:** Varies  
**Prerequisite:** Student meets all requirements needed to waive P.E.

P.E. Waiver is available for students who meet the necessary criteria.

## **P.E. Recreation & Core AB**

**Course # W0023**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

The course focuses on developing a high level of health, wellness and physical fitness through a variety of activities and assignments. The curriculum includes participation in individual sports, team sports, outdoor education and healthy recreation activities. The program concentrates on the establishment of positive lifetime habits and decision-making skills.

# **Middle School P.E.**

## **Physical Education (P.E.)**

**Course # W0050**

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None.

The Physical Education for this course is based on meeting the California State Content Standards, which include: Students will demonstrate the motor skills and movement patterns to perform a variety of activities, and students assess and maintain a level of physical fitness to improve health and performance. The activities in this course will allow students to meet these and other Physical Education State Standards, as well as prepare them for the California Physical Fitness Test.

# SCIENCE

## AP Biology AB (HP)

Course # W7021

Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** *Biology AB and Chemistry AB both with grade of “B” or better, Anatomy and Physiology AB recommended.*

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions.

## AP Environmental Science AB (HP)

Course # W5728

Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 11-12  
**Duration:** Year Course  
**Prerequisite:** *Biology, Chemistry, Math 1 & Math 2.*

The AP Environmental Science course is the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

## Biology AB (P)

Course # W5709

Meets UC A-G “D” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** *None*

Biology AB (P) uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Life Science and Earth and Space Science performance expectations. Phenomena and real-world problems will be used to engage students in the core ideas covered in this course, which include homeostasis and life functions in cells and organisms, history of Earth’s atmosphere, inheritance and variation in life, natural selection and evolution, energy and matter flow in organisms and ecosystems, and human impacts on ecosystems. Students will explore and explain these core ideas using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## Biology Honors AB (HP)

Course # W5D01

Meets UC A-G “D” Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** *By student application, concurrent enrollment in Math 2AB, teacher recommendation.*

Biology Honors AB (HP) is a laboratory class designed to prepare students to take AP Biology. Special emphasis is placed upon the scientific approach to critical thinking related to problem solving in laboratory experiments, seminars, project research and presentation.

## Chemistry AB (P)

Course # W5710

Meets UC A-G “D” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** *Concurrent enrollment in Math 2 AB or higher is recommended.*

Chemistry AB (P) uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Physical Science (Chemistry) and Earth and Space Science performance expectations. Phenomena and real-world problems will be used to engage students in the core ideas covered in this course, which include: energy and matter transformations in Earth’s systems, element formation and life cycle of stars, understanding of the periodic table, nuclear chemistry, chemical bonds and bulk properties of substances, predicting chemical reactions, stoichiometry, changes to systems in equilibrium, and chemistry of the environment. Students will explore and explain these core ideas using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## Chemistry Honors AB (HP)

Course # W5D02

Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 10-11  
**Duration:** Year Course  
**Prerequisite:** By student application, concurrent enrollment in Math 3 or higher, teacher recommendation.

Chemistry Honors AB (HP) is a laboratory class designed to provide a foundation in chemistry for students who intend to take AP Chemistry. Students will be expected to complete a lab notebook and a research project.

## Integrated Physical Science AB (P)

Course # W5D10

Meets UC A-G “D” Requirement

**Grades:** 9-10  
**Duration:** Year Course  
**Prerequisite:** Corequisite of Math 1.

Integrated Physical Science is a college preparatory lab-based course that immerses students in the topic areas of Chemistry, Physics, and Earth and Space Sciences. This comprehensive view gives the students an understanding of the concepts and principles of science and provides fundamental skills in scientific inquiry, problem-solving and technological skills necessary to compete successfully in the 21st century. Some areas of study include atomic structure, periodic table, astronomy, force and motion, cycling of matter, and relationships with Earth systems.

## Physics AB (P)

Course # W5713

Meets UC A-G “D” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Concurrent enrollment in Math 2 AB or higher, teacher recommendation.

Physics AB (P) uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Physical Science (Physics) and Earth and Space Science performance expectations. Phenomena and real-world problems will be used to engage students in the core ideas covered in this course, which include linear motion, forces and Newton’s Laws, forces and motion in the universe, properties of gravitational fields, momentum and collisions, work, energy transformations in systems, natural energy resources, Earth’s internal systems and structure, wave properties, interactions, and technology, static and current electricity, and magnetism. Students will explore and explain these core ideas using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## Physics Honors (HP)

Course # W5D03

Meets UC A-G “D” Requirement – UC Honors Course

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Completion of Math 1 & Concurrent Enrollment Math 2

This rigorous full-year course provides students with an engaging honors-level curriculum that emphasizes abstract reasoning and applications of physics concepts to real-world scenarios. Topics are examined in greater detail than general physics and provide a solid foundation for collegiate-level coursework. Course components include on- and two-dimensional motion, momentum, energy and thermodynamics, harmonic motion, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students participate in a variety of interactive and hands-on laboratory activities that enhance concept knowledge and develop scientific process skills, including scientific research and technical writing.

## Physics and Technology AB (P)

Course # W5901

Meets UC A-G “D” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Math 1 AB. Concurrent enrollment in Math 2 AB or higher.

This course gives students a working knowledge of the physical principles that apply to modern technology of today. Physics and technology investigate seven scientific and physical principles: force, work, rate, resistance, energy, power, and force transformers, and applies them in a very real and practical way. It does this by relating each of the seven principles to four basic systems: mechanical, fluid, electrical, and thermal systems. Within each of those areas, students construct and perform high quality lab experiments related to actual applications used in modern technology.

## Science 1 AB

Course # W5040

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

Science 1 AB is an entry level high school lab science course. It will focus on concepts of earth and physical sciences with emphasis placed on scientific processes and investigation. This course meets the CUSD graduation requirement in physical science.

## Science 2 AB

Course # W5041

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** None

Science 2 AB extends the student's science comprehension and development of higher-order thinking skills. It will focus on life science, with an emphasis on relevant applications using scientific processes and investigations. This course meets the CUSD graduation requirement in life science.

# Middle School Science

## Advanced Science 7

Course # W4052

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** Science placement test scores, ELA/Math state test scores, grades and teacher recommendation

This course is offered to students who anticipate taking advanced placement science courses in high school and provides an opportunity to begin advanced course work as a 7<sup>th</sup> grade student. Students will study concepts from the Next Generation Science Standards for California Public Schools (CA NGSS) for grades 7 and 8 in the areas of physics, astronomy, chemistry, and natural resources, including comprehensive sex education and HIV prevention. Successful completion of course requirements will allow the student to take Biology in 8<sup>th</sup> grade.

## Science 7

Course # W0087

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None

The 7th grade science course covers content from the integrated version of the Next Generation Science Standards for California Public Schools (CA NGSS) for grade 7. The topics covered consist of Chemistry, Ecosystems, Natural Resources/Geology, Earth History, and Human Impact, including comprehensive sex education and HIV prevention. Integrated throughout the course will be the Engineering, Technology and Applications of Science Standards. To successfully complete the course objectives, we will use a variety of instructional methods including group discussion, lab experiments, videos, group work and technology.

## Science 8

Course # W0088

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None.

The 8th grade science course covers content from the integrated version of the Next Generation Science Standards for California Public Schools (CA NGSS) for grade 8. The topics covered consist of Heredity, Biological Evolution, Earth and Human Activity, Motion and Stability: Forces and Interactions, Energy, and Waves and Their Applications in Technologies for Information Transfer. Integrated throughout the course will be the Engineering, Technology and Applications of Science standards. To successfully complete the course objectives, we will use a variety of instructional methods including group discussion, lab experiments, videos, group work, and technology.

## Honors Science 8

Course # W5043

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** Science placement test scores, ELA/Math state test scores grades, and teacher recommendation

This course is designed for the student with a special interest in science. This class is a more in-depth approach to the Next Generation Science Standards for California Public Schools (CA NGSS). Integrated throughout the course will be the Engineering, Technology, and Applications of Science Standards. Group discussions, lab experiments, scientific writing, and individual and group projects will be utilized in the learning process.

# WORLD LANGUAGE

## American Sign Language AB

Course # W8020

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Good Attendance

American Sign Language 1AB is an introduction to American Sign Language. ASL is a visual-gestural language used by deaf people in North America, with its own distinct rules, history, grammar, and culture. This class is designed for any student interested in developing the skills necessary to communicate with deaf people. Vocabulary development and grammatical structure, as well as developing an understanding of and sensitivity to the culture of deaf people, will be emphasized in this course. This class does not fulfill any part of the foreign language requirement for university admission; however it does meet graduation requirements.

## AP Spanish Language and Culture AB (HP)

Course # W8802

Meets UC A-G “E” Requirement – UC Honors Course

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish 3AB or Spanish 4AB with grade of “B” or better or approval of instructor.

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

## Chinese 1 AB (P)

Course # W8817

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

Chinese 1AB is an introduction to Mandarin Chinese. Vocabulary and grammatical structure of everyday situations are covered with emphasis on oral communication. Students gain comprehension in character writing of basic sentence structures. They will also develop an appreciation for the Chinese culture, both ancient and modern.

## Chinese 2 AB (P)

Course # W8818

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Chinese 1AB with grade of “B” or better, previous experience with language, or approval of instructor.

Chinese 2AB extends the student’s ability in aural comprehension and speaking for direct comprehension without translation. Practice is given in using language structures, writing adapted dialogues, and writing from dictation. Outstanding figures in Chinese history, art, literature, music, and science are introduced.

## French 1 AB (P)

Course # W8803

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

French 1 AB is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the French culture and its influence throughout the world.

## French 2 AB (P)

Course # W8804

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** French 1AB with grade of "C" or better or approval of instructor.

French 2 AB continues to expand the students' knowledge of the language through additional and extended thematic units. Extensive oral communication and grammatical development will be obtained through projects, literature, written expression and cultural activities.

## French 3 AB (P)

Course # W8805

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** French 2AB with grade of "C" or better or approval of instructor.

French 3AB is designed to expand and strengthen oral, reading and written communication with an emphasis on literature, composition and conversation.

## German 1 AB (P)

Course # W8806

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

German 1 AB is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the German culture and its influence throughout the world.

## German 2 AB (P)

Course # W8807

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** German 1AB with grade of "C" or better or approval of instructor.

German 2 AB continues to expand the students' knowledge of the language through additional and extended thematic units. Extensive oral communication and grammatical development will be obtained through projects, literature, written expression and cultural activities.

## Latin 1 (P)

Course # W9E16

Meets UC A-G "E" Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

Students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own "Avatar store". Each week consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering significant aspects of Roman culture of their modern-day manifestations, and assessments. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

## Latin 2 (P)

Course # W9E17

Meets UC A-G “E” Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** Latin I, C or higher or counselor approved.

Students continue their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks”—by performing well on course tasks—to use to purchase items (virtual clothing, gadgets, scenery, etc.) at the “Avatar store”. Each week consists of a new vocabulary theme and grammar concept, a notable ancient myth in Latin, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

## Spanish 1 AB (P)

Course # W8811

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

Spanish 1 AB is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the Hispanic culture and its influence throughout the world.

## Spanish 2 AB (P)

Course # W8812

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish 1AB with grade of “C” or better in both semesters or approval of instructor.

Spanish 2 AB continues to expand the students’ knowledge of the language through additional and extended thematic units. Extensive oral communication and grammatical development will be obtained through projects, literature, written expression and cultural activities.

## Spanish 3 AB (P)

Course # W8813

Meets UC A-G “E” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Spanish 2AB or Spanish for Spanish Speakers 1AB or 2AB with grade of “B” or better or approval of instructor.

Spanish 3AB is designed to expand and strengthen oral, reading and written communication with an emphasis on literature, composition and conversation.

## Middle School World Language

### Introduction to Spanish

Course # W0051

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None

This is an introductory course to the Spanish language. Students will become proficient in simple directions, conversation and social pleasantries. Customs of the Spanish culture will also be explored.

# **ELECTIVES**

## **Art History A (P)**

**Course # W8004**

**Meets UC A-G “G” Requirement**

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None

This course will provide a broad overview of the history of Art, beginning with prehistoric Art and ending with contemporary Art. European Art and material from areas outside the European tradition, such as sub-Saharan Africa, India, China, Japan, and the pre-Columbian Americas will be covered. The course is intended to provide students a familiarity with the development of Art, its major movements and figures, its relationship to the historical and cultural context in which it was created.

## **Careers AB**

**Course # W0032**

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

Careers AB is designed to acquaint the student with information and skills needed to find and keep the right job, and to handle adult situations. Careers may be used to meet the unit requirement in Business, Home Economics, and Industrial Technology.

## **Career Exploration AB**

**Course # W3030**

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** None

This course prepares middle and high school students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development. This course is designed to provide flexibility for students; any number of units can be selected to comprise a course that meets the specific needs of each student’s skills and interests.

## **Community Involvement A**

**Course # W0037**

**Grades:** 9-12  
**Duration:** Semester  
**Prerequisite:** None

Community involvement is available to students enrolled in Alternative Education. In this program students volunteer their time to provide worthwhile services to their community. Students may earn up to five elective credits per semester. Twenty hours of community involvement is required for each credit. The student or parent must furnish transportation. The work Experience Coordinator must approve the job site before the student starts work. Student volunteers will meet with the Work Experience Coordinator once a week for work related classroom instruction.

## **Focus on College and Career A (P)**

**Course # W3029**

**Meets UC A-G “G” Requirement**

**Grades:** 9-12  
**Duration:** Semester  
**Prerequisite:** None

Focus on College and Career is a one-semester course designed to help students learn and practice valuable skills to help them identify personal strengths, areas of interests, and career pathways to possible future post-secondary endeavors. Students will demonstrate their understanding of career paths through a variety of assessments, projects, job simulations, speeches, research assignments, and counselor guidance lessons. Students will also identify academic interests, skills, values and personality types, research employers and industries, gain experience with public speaking and interview skills, familiarize themselves with college and job search tools, strengthen writing and communication skills, learn goal setting, all culminating in completion of a 10 Year Plan.

## Health Science and Medical Technology AB (P)

Course # W3004

Meets UC A-G “G” Requirement

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** None

This course introduces students to careers in the health care industry, providing a solid foundation in career planning and job-specific skills for various health care professions. In addition to learning the key components of the U.S. healthcare system, students will learn terminology; anatomy and physiology; pathologies; diagnostic and clinical procedures; therapeutic interventions; and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field. Students master skills through direct instruction, interactive tasks, and assessments. This course is intended to provide students with the core knowledge and skills that can be used in many areas of health science.

## Health Science Concepts AB (P)

Course # W3007

Meets UC A-G “G” Requirement

**Grade:** 11  
**Duration:** Year Course  
**Prerequisite:** None

This course introduces students to the fundamental concepts of anatomy and physiology – including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students will learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students will investigate basic medical terminology as well as human reproductions and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. The course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

## Information and Communication Technology

Course # W3G02

**Grade:** 11-12  
**Duration:** Year Course  
**Prerequisite:** Counselor Permission

Also known as Information and Communication Technology AB (P), this course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT.

## Introduction to Business AB (P)

Course # W0025

Meets UC A-G “G” Requirement

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** None

This is a yearlong course designed to give students general business and computer skills. Units covered include: Human Relations, Getting a Job, Business Machines, Personal Finance, Cashiering, and Business Career Path Exploration, a core of business concepts, and applications from global economics and international business to entrepreneurs and local businesses, from financial institutions to government and taxes, from managing credit and personal finances to job hunting.

## Introduction to Computers & Technology AB

Course # W3041

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisites:** None

Offering insight into the suite of products most used by working professions, this course challenges high school students to become proficient in Microsoft Word, Excel, PowerPoint and Outlook through engaging lessons and coursework. This course is designed to provide students with hands-on experience with tasks such as creating fliers, brochures, schedules, presentations, and mail merge.

## Introduction to Computer Science AB

Course # W0080

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisites:** None

Intro to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately.

## Keyboarding & Applications AB

Course # W0031

**Grades:** 9-12  
**Duration:** Semester  
**Prerequisites:** None

Keyboarding and Applications is a semester-long course that teaches students keyboarding skills, technical skills, effective communication skills, and productive work habits. Students learn proper keyboarding techniques. Once students have been introduced to keyboarding skills, lessons include daily practice of those skills. Students gain an understanding of computer hardware, operating systems, file management, and the internet. In addition, student apply their keyboarding skills and create a variety of business documents, including word processing documents and electronic presentations.

## Medical Terminology AB (P)

Course # W3032

Meets UC A-G "G" Requirement

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None

This semester-long course introduces students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to healthcare settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course will provide students entering the healthcare field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, and practice assignments.

## Nursing Assistant AB (P)

Course # W3034

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None

This course prepares students to provide and assist with all aspects of activities of daily living and nursing care for the adult patient in hospital, long-term care, and home settings. Through direct instruction, interactive skills demonstrations, and practice assignments, students are taught the basics of nurse assisting, including interpersonal skills, medical terminology, care procedures, legal and ethical responsibilities, safe and efficient work, gerontology, nutrition, emergency skill, and employability skills. Successful completion of this course from an approved program prepares the student for state certification for employment as a Nursing Assistant.

## Online Learning & Digital Citizenship AB

Course # W0079

**Duration:** Semester Course

This one-semester course provides students with a comprehensive introduction to online learning, including how to work independently, stay safe, and develop effective study habits in virtual learning environments. Featuring direct-instruction videos, interactive tasks, authentic projects, and rigorous assessments, the course prepares students for high school by providing in-depth instruction and practice in important study skills such as time management, effective note-taking, test preparation, and collaborating effectively online. By the end of the course, students will understand what it takes to be successful online learners and responsible digital citizens.

## On Your Own A

Course # W0046

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None

On Your Own is a course for students interested in learning about the rights and responsibilities of independent young adults. Topics include apartment living, money management, basic foods cookery, food buying, nutrition, automobile purchases, credit, consumer laws, sewing skills, and job skills.

## Personal Finance AB (P)

Course # W3G20

Meets UC A-G "G" Requirement

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** Math 1, C or higher or counselor approval.

This one-semester elective prepares students to navigate personal finance with confidence. The course opens with a study of what it means to be financially responsible, engaging students in budgeting, planning, and being a smart consumer. Students learn about the relationship between education, employment, income, and net worth, and they plan for the cost of college. Students then broaden their study to include banking, spending, investing, and other money management concepts before exploring credit and debt. In the final unit of the course, students study microeconomics and entrepreneurship, with an overview of economic systems, supply and demand, consumer behavior and incentives, and profit principles. The course concludes with an in-depth case study about starting a business.

## Pharmacy Technician AB (P)

Course # W3035

Meets UC A-G "G" Requirement

**Grades:** 10-12  
**Duration:** Year Course  
**Prerequisite:** None

This two-semester course prepares students for employment in the pharmacy technician field. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn the basics of pharmacy assisting, including various pharmacy calculations and measurements, pharmacy law, pharmacology, medical terminology and abbreviations, medicinal drugs, sterile techniques, USP 795 and 797 standards, maintenance of inventory, patient record systems, data processing automation in the pharmacy, and employability skills.

## Sociology of the Family A

Course # W0047

**Grades:** 10-12  
**Duration:** Semester Course  
**Prerequisite:** None

Sociology of the Family A is a one semester class with a major emphasis on the family as a nuclear unit. An understanding of problem-solving techniques and family decision-making will be presented in such areas as: personality, dating, marriage, family management, family crisis and changing family patterns

## Success A

Course # W3051

**Grades:** 9-12  
**Duration:** Semester Course  
**Prerequisite:** None

Success A will focus on improving social and personal skills to promote improved interpersonal relationships, self-knowledge, self-esteem, responsibility, communication skills, assertiveness and problem-solving, decision-making, goal setting, realization and stress management skills. Students will be taught to relate positively and effectively with peers, teachers, parents, and authority figures.

## Student Leadership AB

Course # W0007

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Student Body officers, class presidents or vice-presidents, and other student leaders with approval of Activities

Student Leadership AB is a Year Course which develops the organizational, motivational, and academic skills of the course participants. Activities within the school, district, community, and state provide students with a myriad of educational experiences. Emphasis is placed on student-conceived and student-organized programs. Students learn skills in communication and problem solving.

## Study Skills AB

Course # W0008

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Instructor/Counselor recommendation.

Study Skills provides an opportunity for student to participate in acquisition of those skills necessary to organize their time, to use textbooks and library facilities efficiently, to make decisions which optimize success in high school and the future, and to take notes efficiently.

**Grades:** 9-12  
**Duration:** Year Course  
**Prerequisite:** Permission of Instructor

Yearbook Production AB is designed to provide students with the skills necessary for the production and marketing of the school yearbook. Students develop skills in layout design, copywriting, editing, proofreading, advertising, marketing and business management.



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# INTERMEDIATE SCHOOL COURSE DESCRIPTIONS

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(COURSES LISTED MAY NOT BE OFFERED AT ALL INTERMEDIATE SCHOOLS)

LEGEND	
<b>ASI</b>	Alta Sierra Intermediate School
<b>Clark</b>	Clark Intermediate School
<b>GR</b>	Granite Ridge Intermediate School
<b>KIT</b>	Kastner Intermediate School
<b>RIS</b>	Reyburn Intermediate School
<b>CCDS</b>	Clovis Community Day School
<b>E</b>	Enterprise

# REQUIRED COURSES

**\*All Intermediate Students are enrolled in the following grade appropriate level course work (year course):  
Academic Block (English, History), Math, Science, PE, Elective**

## **7<sup>TH</sup> Grade Academic Block English 7**

**Course # 20056**

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

In this course, students develop literacy skills to support development in areas of reading, writing, speaking, and listening. Students will develop reading strategies that they will be required to apply during independent and classroom reading. The course content expects students to read and analyze texts that represent diverse world cultures in the grades 6-8 text complexity band. Students will also develop writing skills in the three modes of writing suggested in California Content Standards – informative, argumentative, and narrative.

## **7<sup>th</sup> Grade Academic Block World History**

**Course # 60055**

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

This course is the study of medieval world history (rise and fall of Rome, Islam, Africa, China, Japan, and Europe: Middle Ages through the Enlightenment and the Americas).

## **8<sup>th</sup> Grade Academic Block English 8**

**Course # 20058**

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

In this course, students develop literacy skills to support development in areas of reading, writing, speaking, and listening. Students will develop reading strategies that they will be required to apply during independent and classroom reading. The course content expects students to read and analyze texts that represent diverse world cultures in the grades 6-8 text complexity band. Students will also develop writing skills in the three modes of writing suggested in California Content Standards – informative, argumentative, and narrative.

## **8<sup>th</sup> Grade Academic Block U.S. History**

**Course # 60052**

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

This course begins with an intensive review of the major ideas, issues, and events preceding, and leading up to, the founding of the nation. Students will concentrate on the critical events of the period, from the framing of the Constitution to Reconstruction.

## **Math 7**

**Course # 4i010**

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

Math 7 will focus on four critical areas as defined by the California Content Standards:

(1) Students will develop an understanding of proportional relationships, including percentages, and apply this to real world and mathematical problems. (2) Students will develop an understanding of operations with rational numbers and work with expressions and linear equations. They will work toward fluently solving two-step equations of the form  $px+q=r$  and  $p(x+q)=r$ . (3) Students will solve problems that involve scale drawings and informal geometric constructions and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume. (4) Students will draw inferences about populations based on samples.

## Math 8

Course # 4i020

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

In grade 8, instructional time should focus on three critical areas as defined by the California Content Standards: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theory.

## Physical Education (P.E.)

Course # 10050

**Grades:** 7 & 8  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

The Physical Education for this course is based on meeting the California State Content Standards, which include: Students will demonstrate the motor skills and movement patterns to perform a variety of activities, and students assess and maintain a level of physical fitness to improve health and performance. The activities in this course will allow students to meet these and other Physical Education State Standards, as well as prepare them for the California Physical Fitness Test.

## Science 7

Course # 50087

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

The 7th grade science course covers content from the integrated version of the Next Generation Science Standards for California Public Schools (CA NGSS) for grade 7. The topics covered consist of Chemistry, Ecosystems, Natural Resources/Geology, Earth History, and Human Impact, including comprehensive sex education and HIV prevention. Integrated throughout the course will be the Engineering, Technology and Applications of Science Standards. To successfully complete the course objectives, we will use a variety of instructional methods including group discussion, lab experiments, videos, group work, and technology.

## Science 8

Course # 50088

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None.  
**Location:** All Middle Schools

The 8th grade science course covers content from the integrated version of the Next Generation Science Standards for California Public Schools (CA NGSS) for grade 8. The topics covered consist of Heredity, Biological Evolution, Earth and Human Activity, Motion and Stability: Forces and Interactions, Energy, and Waves and Their Applications in Technologies for Information Transfer. Integrated throughout the course will be the Engineering, Technology and Applications of Science standards. To successfully complete the course objectives, we will use a variety of instructional methods including group discussion, lab experiments, videos, group work, and technology.

# INTERVENTION COURSES

## Academic Seminar

Course # 20025

**Grades:** 7-8  
**Duration:** Year Course/Semester course  
**Prerequisite:** None.  
**Location:** All Middle Schools

Academic Seminar will provide a common curriculum for students who are in need of academic growth in order to achieve proficiency in English. Through this course, students will improve Language Arts scores with standards-based instruction, applied study skills strategies for academic success, and develop awareness of learning/growth by monitoring/charting progress. The class focuses on providing intervention to help develop reading comprehension skills, writing skills, and language skills. Teachers will use a set curriculum to support students in these areas. In addition, teachers will set aside a limited amount of time each week to support students with homework assignments specific to their Academic Block classes.

## AVID Excel

Course # 0i003

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Long-term English Learner (LTEL); Level 3 or 4 on ELPAC  
**Location:** ASI, KIT

AVID Excel is a middle school English language development program for long-term English language learners (Ells) designed to accelerate academic language acquisition, bridge into high school AVID, increase access to college preparatory coursework, and empower students to be successful in a global society. AVID Excel incorporates explicit instruction in English language development and cognitive academic language through reading, writing, oral language and academic vocabulary, supported by instruction in traditional AVID college readiness skills.

## Math Strategies

Course # 4000i

**Grades:** 7-8  
**Duration:** Year Course/Semester course  
**Prerequisite:** None.  
**Location:** Alta, GR, KIT, RIS

This course is offered to 7<sup>th</sup> and 8<sup>th</sup> grade students who require additional instruction and focus in the math computation and problem solving. Students are generally tested for appropriate placement.

## Reading Strategies

Course # 20065

**Grades:** 7-8  
**Duration:** Year Course/Semester course  
**Prerequisite:** None.  
**Location:** Alta, KIT

Reading Strategies is a blended instructional model that includes whole-group instruction and three small-group rotations, adaptive software, differentiated instruction, and independent reading. It is designed to meet the needs of students reading two or more grade levels below their current grade level and accelerate their growth to close their achievement gap.

## Study Strategies

Course # 00062

**Grades:** 7-8  
**Duration:** Year Course/Semester course  
**Prerequisite:** None.  
**Location:** All Middle Schools

This class is designed to support students who struggle with grades because they need academic skills, organizational and study skills, and would benefit from the support of a teacher monitoring their grades, in-class assignments, and homework. It is designed for students whose grades are consistently lower than average. Students will be expected to write in their planner daily, keep an organized binder, and be prepared with the required materials to work on assignments. Students will be expected to track their progress in their classes, and students who are able to maintain consistently higher grades will be allowed to exit the class.

# ENGLISH LANGUAGE DEVELOPMENT COURSES

## English Language Development 1 AB

Course # 20005

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Primary language other than English as determined by the Home Language Survey. Students at this level are at the Beginning Stage of developing English skills as determined by ELPAC Level 1.  
**Location:** All Middle Schools

English Language Development 1 AB provides English Language Development for Beginning English Learners. The course develops speaking, listening, reading, and writing skills in English that align with the English Language Development Standards. Use of visuals, hands-on activities, gestures, and concrete activities are part of the everyday classroom. The goal of this course is to advance students from Emerging to Expanding language skills.

## English Language Development 2 AB

Course # 20006

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Primary language other than English as determined by the Home Language Survey. Students at this level have Somewhat Developed English skills as determined by ELPAC Level 2.  
**Location:** All Middle Schools

English Language Development 2 AB provides English Language Development for Expanding English Learners. English Language Development Standards expand the development of speaking, listening, reading, and writing skills in English. The goal of this course is to advance students from Expanding to Bridging language skills.

## English Language Development 3 AB

Course # 20007

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Primary language other than English as determined by the Home Language Survey. Students at this level have Moderately Developed English skills as determined by ELPAC Level 3.  
**Location:** All Middle Schools

English Language Development 3 AB provides English Language Development for high Expanding to low Bridging English Learners. English Language Development Standards expand the development of speaking, listening, reading, and writing and literacy skills in English. The goal of this course is to transition students from Expanding to Bridging language skills.

## English Language Development 4 AB

Course # 20008

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Primary language other than English as determined by the Home Language Survey. Students at this level have Well Developed English skills as determined by ELPAC Level 4, but may lack academic language skills as determined by the district's reclassification criteria.  
**Location:** All Middle Schools

English Language Development 4 AB provides English Language Development for Bridging to Fluent English Proficient English Learners. English Language Development standards expand the development of literacy skills and academic language in English. The goal of this course is to advance Bridging English Learners to meet the criteria for reclassification.

# HONORS COURSES

## Advanced Math 7

Course # 4i012

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** Multiple measures, including Current grade, state test score, teacher recommendation, score on District math placement test  
**Location:** All Middle Schools

This course is offered to students who anticipate taking advanced placement mathematics in high school. This course provides an opportunity for students to begin advanced course work as a 7<sup>th</sup> grade student. A student who consistently scores in the highest testing level on standardized/benchmark math tests – typically the top 10-35% of the class. (A student who will be ready to take AP Calculus in high school. A student who strongly leans toward a career as an engineer, scientist, mathematician.)

## Advanced Math 8

Course # 4i022

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** Must meet CUSD placement requirements. Student must have completed Advanced Math 7 with a minimum of an 85% average from both semesters to enroll in this course.  
**Location:** All Middle Schools

This course is the equivalent of a 1<sup>st</sup> year high school math course. Students will be studying concepts from the traditional course of Algebra 1 and Geometry. Students meeting requirements will be expected to enter Math 2 as a 9<sup>th</sup> grade student.

## Advanced Science 7

Course # 50052

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** Science placement test scores, ELA/Math state test scores, grades and teacher recommendation  
**Location:** ASI, KIT

This course is offered to students who anticipate taking advanced placement science courses in high school and provides an opportunity to begin advanced course work as a 7<sup>th</sup> grade student. Students will study concepts from the Next Generation Science Standards for California Public Schools (CA NGSS) for grades 7 and 8 in the areas of physics, astronomy, chemistry, and natural resources, including comprehensive sex education and HIV prevention. Successful completion of course requirements will allow the student to take Biology in 8<sup>th</sup> grade.

## Biology AB (P)

Course # 55709

Year Course

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** Advanced Science 7  
**Location:** ASI, KIT, GR

Biology AB (P) uses the guidance of the CA High School 3-Course Model for the Next Generation Science Standards to integrate both Life Science and Earth and Space Science performance expectations. Phenomena and real-world problems will be used to engage students in the core ideas covered in this course, which include homeostasis and life functions in cells and organisms, history of Earth's atmosphere, inheritance and variation in life, natural selection and evolution, energy and matter flow in organisms and ecosystems, and human impacts on ecosystems. Students will explore and explain these core ideas using the science and engineering practices and crosscutting concepts, as well as the Engineering, Technology, and Applications of Science performance expectations.

## French I

Course # 98803

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** GR, RIS

French I AB is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the French culture and its influence throughout the world. Students who complete this course with an 85% or higher and are passing AB, Math, and Science with A's and B's can go into French II as a 9<sup>th</sup> grade student.

## Honors 7<sup>th</sup> Grade Academic Block English

Course # 21096

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** Advanced SBAC and/or District Assessment Score with 6<sup>th</sup> grade teacher recommendation  
**Location:** ASI, KIT

In this course, students will develop literacy skills to support development in areas of reading, writing, speaking, and listening. Students will develop reading strategies that they will be required to apply during independent and classroom reading. Students will also develop writing skills in the three modes of writing suggested in California Content Standards – informative, argumentative, and narrative. This course includes an accelerated pace of studies as well as a required research project which includes research and inquiry methods that demonstrate mastery of multiple standards appropriate for the advanced student.

## Honors 7<sup>th</sup> Grade Academic Block World History

Course # 60058

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** Referral Process/Smarter Balance State Test Scores  
**Location:** ASI, KIT

In this course, students study medieval and world cultures such as: The Roman Civilization, Islamic Civilization, Medieval Africa, China in the Middle Ages, Medieval Japan, Medieval Europe, The Renaissance, The Reformation, the Americas, the Age of Exploration and the Age of Enlightenment. Students will learn about the geography, religions, achievements, politics, economy, and social structures of these world civilizations. All students in the honors class will participate in History Day. This will be an ongoing project throughout the school year where students choose a historical topic related to the annual theme and then conduct primary and secondary research.

## Honors 8<sup>th</sup> Grade Academic Block English

Course # 21098

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** Advanced SBAC and/or District Assessment Score with 7<sup>th</sup> grade teacher recommendation  
**Location:** ASI, KIT, RIS

In this course, students will develop literacy skills to support development in the areas of reading, writing, speaking, and listening. Students will develop reading strategies that they will be required to apply during independent and classroom reading. Students will also develop writing skills in the three modes of writing suggest in California Content Standards – informative, argumentative, and narrative. This course includes an accelerated pace of studies as well as a required research project which includes research and inquiry methods that demonstrate mastery of multiple standards appropriate for the advanced student.

## Honors 8<sup>th</sup> Grade Academic Block U.S. History

Course # 60059

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** Referral Process/Smarter Balance State Test Scores  
**Location:** ASI, KIT, RIS

This course engages learners in the major concepts of history, government, and cultures through more rigorous content and instruction. This course emphasizes critical, creative and analytical thinking; self-directed independent research; and communication with writing, speaking, and multimedia. Students in Honors History 8 will develop historical research capabilities and practice historical analysis and interpretation through the common core curriculum and a required History Day project for Fresno County History Day. Students will also develop advanced level products and performances which reflect complex thinking and innovative ideas and will have an opportunity to hold mock trials before a federal court judge.

## Honors Science 7

Course # 50043

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** Science placement test scores, ELA/Math state test scores grades, and teacher recommendation  
**Location:** Clark, GR, RIS

This course is designed for the student with a special interest in science. This class is a more in-depth approach to the Next Generation Science Standards for California Public Schools (CA NGSS). Integrated throughout the course will be the Engineering, Technology, and Applications of Science Standards. Group discussions, lab experiments, scientific writing, and individual and group projects will be utilized in the learning process, and will include comprehensive sex education and HIV prevention.

## Honors Science 8

Course # 50053

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**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** Science placement test scores, ELA/Math state test scores grades, and teacher recommendation  
**Location:** All Middle Schools

This course is designed for the student with a special interest in science. This class is a more in-depth approach to the Next Generation Science Standards for California Public Schools (CA NGSS). Integrated throughout the course will be the Engineering, Technology, and Applications of Science Standards. Group discussions, lab experiments, scientific writing, and individual and group projects will be utilized in the learning process.

## Spanish I

Course # 98811

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**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** All Middle Schools

Spanish I is an introduction to the language. Vocabulary and grammatical structures will be presented through thematic units with an emphasis on oral, listening, reading, and writing expressions. Students will develop an appreciation for Hispanic culture and its influence throughout the world. Students who complete this course with an 85% or higher and are passing AB, Math, and Science with A's and B's can go into Spanish II as a 9<sup>th</sup> grade student.

# ELECTIVE COURSES

## Academic Assistant

Course # 00050

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** All Middle Schools

Students enrolled in this course are assigned to a classroom teacher, administrative office, the nurse's office, or the library media center. Course work includes helping other students in various content areas and assisting in clerical tasks such as filing or using the computer.

## Advanced Art

Course # 70055

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Introductory Art and demonstrated advanced proficiency, 7<sup>th</sup> grade must have teacher approval  
**Location:** All Middle Schools

In this course, students will explore more sophisticated drawing and painting techniques. Students will engage in a variety of assignments that will further strengthen their advanced skills and techniques. Curriculum includes recognizing art as a form of communication and expression, identifying and using the elements and principles of art and design, and exploring the role of artists in society throughout history. Students are encouraged to think critically and solve problems visually. Students will master new art vocabulary, art methods and techniques, and will form a deeper connection to the fine arts.

## Agriculture Exploration

Course # 30009

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** RIS

This course is offered for students interested in the agricultural science courses in high school. Topics include: plant science, animal science, public speaking, record keeping, agricultural jobs and organizations, judging and competitions.

## Art

Course # 70053

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** All Middle Schools

Art is a one-semester course that encourages students to discover design through the use of paper, glue, clay, wire, cardboard, watercolor, acrylic, charcoal, tempera, and an assortment of other mixed medium. Techniques of both design and sculpture will be studied extensively. Emphasis is placed upon aesthetic design, good craftsmanship, and development of skills and exploration of cultural and historical influences.

## Drawing

Course # 70057

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** Clark

Drawing is a one-semester course that encourages students to discover the ability to replicate objects, people, and animals in pencil on paper. Techniques of both drawing and painting will be used extensively. Emphasis is placed upon aesthetic design, perspective, volume, depth, and value. A realistic approach will be taken for most projects.

## AVID (Advancement Via Individual Determination)

Course #00075

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Application Required  
**Location:** All Middle Schools

AVID is a seventh through twelfth grade program that prepares eligible students for admission to a four-year college or university. The AVID elective supports students as they challenge themselves in more rigorous classes. Students are taught study skills, note taking, time management, writing and research skills, while being immersed in a college-going culture. The class also includes tutoring sessions that are led by college students and provide support for success in the academically rigorous curriculum. Additionally, the AVID class provides access to information about colleges and universities through fieldtrips, guest speakers, college tutors, scholarship opportunities and college admission requirement information.

## Broadcasting

Course # 20090

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** Minimum GPA of 2.5 required approval of 8<sup>th</sup> grade AB teacher  
**Location:** ASI, Clark, KIT,

Broadcasting introduces students to basic audio and video technique, equipment, theory, and operation. Students will produce programs on television and the ITV systems. Enrollment is limited.

## Ceramics

Course # 70054

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** KIT, RIS

This course provides the beginning foundation in the basic techniques for creative ceramic making. Emphasis is placed upon functional as well as aesthetic design, good craftsmanship, development of skills and exploration of cultural and historical influences.

## Collaborative Mentoring

Course # 00076

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Application Required  
**Location:** ASI, KIT, Clark

This course is designed for the General Education student (Mentor) who desires to help others who have special needs. Mentor students will work one-on-one with a Special Education student in elective courses. Mentors will develop leadership skills, learn problem solving skills, and behavior management techniques. Mentor students will assist their partner with projects in their elective course.

## Computer Applications

Course # 30027

**Grades:** 7-8  
**Duration:** Year  
**Prerequisite:** None  
**Location:** Clark, KIT

This course provides an overview of microcomputer applications including, but not limited to, computer concepts, Microsoft Windows, Microsoft Office. The students will also have an introduction to several software applications. Students will create projects that include document formatting and spreadsheets, web pages, video production, desktop publishing, 2D and 3D digital design

## Computer Applications 7

Course # 31007

**Grades:** 7  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** GR

An introductory course for 7<sup>th</sup> grade students to support their integration into the technology-rich laptop environment at the intermediate level. Students will learn foundational computer applications programs to support their learning and demonstration of knowledge on their core academic classes and strategies for appropriate online communication. Students will understand the NETS (National Technology in Education Standards) and meet proficiency requirements through the use of worksheets, quizzes, tests, projects and exams.

## Computer Applications 8

Course # 31008

**Grades:** 8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** GR

Computer Applications 8 is an intermediate level course for 8<sup>th</sup> grade students to advance integration into the technology rich laptop environment at the intermediate level. Students will learn basic programming skills, web design, computing and data analysis, robotics, advanced research skills, and photography and videography. Students will understand the NETS (National Technology in Education Standards) and meet proficiency requirements.

## Computer Science Discoveries

Course # 41005

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** All Middle Schools

Computer Science Discoveries (CS Discoveries) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices.

## Exploratory Agriculture Mechanics & Engineering

Course # 31002

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** RIS

This course provides an introduction to the agriculture mechanics and engineering industry. Students will acquire basic skills needed in the workplace.

## Exploring Technology

Course # 30007

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** Clark, RIS

Students will cover many aspects of technology through hands-on, project-based learning. Students will have the opportunity to build, program, and operate ROBOTS through advanced technology. In addition to the robotics component of this class, students will learn about computer applications, build and launch rockets, create movies, build circuit board.

## Film Studies

Course # 20067

**Grades:** 7-8  
**Duration:** Year  
**Prerequisite:** None  
**Location:** GR, KIT

This is a course that focuses on the historical study of film in America. We will view some of the earliest films before sound, and examine the life of the actors, directors and writers involved. Students will watch films from different genres and will be required to complete reflections and critiques which will enhance their writing skills.

## Film Studies Sm

Course # 7i001

**Grades:** 7-8  
**Duration:** Semester  
**Prerequisite:** None  
**Location:** GR, KIT

This is a semester course. While film is commonly seen merely as a form of entertainment, it does whether viewers are fully aware or not, shape and reflect the way people think. Our goal in Film Studies is to watch movies with multiple levels of awareness so that students can develop an appreciation for film as a storytelling art form and analyze what messages are being conveyed in what they watch. Through watching, analyzing, and critiquing classic and contemporary films, students will explore how film functions in our society as both art and literature. This course will study the language, formal elements, and development of film while establishing a deeper understanding of the societal impact of film.

## Folklorico Dance AB

Course # 88202

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** RIS

This is an elective within the Physical Education and Performing Arts department. This course is designed to expose students to the history and Mexican culture through music and dance. The class introduces students to the basic skills necessary to learn Mexican Folklorico dance. Students will learn basic performing skills. Instruction will be provided in the aesthetic, cultural, and historical dimensions of Mexican folkloric dance tradition. Each year a specific repertoire of dances from various regions of greater Mexico will be taught in preparation for public performances both on and off campus. Folklorico Dance I AB is a beginning level course that builds upon and refines technique, styles, and students' overall knowledge regarding the production, art and heritage of Folklorico dance. There will be a strong emphasis on student directed lecture/demonstrations, performances, and touring.

## Forensics

Course # 23517

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** GR, RIS

Forensics is a course in competitive speech which provides the student with the opportunity to manifest oral skills through preparation for, and participation in, interscholastic speech. A variety of speech events provide exposure to acting with humorous or dramatic interpretations, research skills with original event and critical analysis with writing in preparation for events. The course also encourages a creative outlet for young writers with a prose/poetry emphasis.

## Interactive Animations and Games

Course # 0i004

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** KIT

In the Interactive Animations and Games class, students learn to code in Game Lab as they create programmatic images, animations, interactive art, and games. String off with simple, primitive shapes and building up to more sophisticated sprite-based games, students become familiar with the programming concepts and the design process computer scientists use daily. They then learn how these simpler constructs can be combined to create more complex programs. In the final projects, students develop a personalized, interactive program. Along the way, they practice design, testing and iteration, as they come to see that failure and debugging are an expected and valuable part of the programming process.

## Introduction to Education

Course # 31005

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** Clark, GR, RIS

This course will assist students in exploring careers in education. The content includes, but is not limited to, the development of leadership skills; exploration of careers in the field of education; exploration of children's literature; thematic units; cooking within the classroom; reading buddies with young children; and horticultural within the classroom.

## Introduction to Spanish

Course # 90051

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** Clark, RIS

This is an introductory course to the Spanish language. Students will become proficient in simple directions, conversation and social pleasantries. Customs of the Spanish culture will also be explored.

## Keyboarding A

Course # 30015

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** RIS

This course is intended for students who desire keyboarding skills that will enable them to use a computer efficiently. Students will master the touch method of keying the alphabetic and number keys and the numeric keypad. Students will have some exposure to basic computer applications and skills.

## Leadership

Course # 00054

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Application required; see counselor  
**Location:** All Middle Schools

Leadership students will be participating in the planning and execution of a variety of projects, such as setting up dances, rallies, painting signs and various school functions. Students will be involved in running school fundraisers. Leadership students will be involved with civic activities at school and in the community. There will be cooperative learning activities and oral presentations. Leadership students will develop the leadership skills that are relevant to junior high life.

## Peer Counseling

Course # 00064

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Application required; see counselor  
**Location:** ASI, GR, KIT, RIS

Peer counseling is a program in which students are trained to help fellow intermediate students with problems faced in adolescence. The goal is not to give advice, but to guide others to develop their own solutions to problem situations. Student leadership skills are also emphasized. A training session is required.

## Robotics

Course # 51001

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** KIT

This course curriculum will allow students the opportunity to learn and participate in strength training to improve their fitness and leverages the excitement of competition to inspire and engage students in robotics. Students will start off learning appropriate safety protocols for the classroom and shop. Students are then certified and progress into an introduction to robotics. Students get a first-hand experience in the design process. Once design is completed, students are introduced to the actual Game challenge. Students work in groups to deconstruct the game and present each component to the class. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals. No prior robotics experience is required.

## Teen Living

Course # 30031

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** ASI, Clark GR, RIS

Home economic course for the 21<sup>st</sup> century. Teen living is a hands-on semester course introducing the main home economic areas. Units of study include nutrition, food preparation, self-esteem development, decision-making, money management, job skills, and clothing care.

## Total Body Fitness

Course # 81001

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** ASI, Clark

Total Body Fitness is a challenging two-semester elective course that incorporates a variety of fitness activities designed to help students achieve a well-rounded education about fitness and to aide in students achieving fitness goals. This course is designed to assess and improve physical fitness levels and encourage a healthy attitude toward lifelong fitness. Students receive theories and practical activities involved in obtaining and maintaining a healthy weight and appropriate level of fitness. This course will include a variety of cardiovascular activities, high intensity interval training, flexibility training, mindfulness training, as well as nutritional education. The goal of this course is to develop lifelong healthy, active habits, as well as motivated, goal oriented and well-rounded students. This course would include nine, 4-week units.

## Tutoring AB

Course # 00009

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** All Middle Schools

Tutoring AB provides the opportunity for students to work with younger students in a classroom setting. The tutor may work one-on-one, in small groups or in providing assistance to the teacher.

## Video Production AB

Course # 7i000

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor, 2.5 GPA  
**Location:** KIT, RIS

Video Production is a year-long course in which students will design, film and edit their own videos using state of the art computer technology. These videos will frequently be posted on the school's social media accounts, web site, etc. Students will create video announcements as members of the school's film crew and special edition videos for school events/activities. The class assists with creating a positive school climate and culture through the production of the school news program. Students will learn the various steps of digital storytelling from start to finish.

## Woodworking

Course # 30096

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** Clark

This course will provide students experience in woodworking knowledge and skills needed to produce small wood products. The beginning student will learn how to use hand tools and power equipment in the class. Safety, project planning, design, and good craftsmanship are emphasized.

## Yearbook

Course # 00056

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Application  
**Location:** All Middle Schools

This course is open to students who are interested in working on the school yearbook. Students develop skills in layout design, story writing, editing, proofreading, advertising, marketing, and production experience. Computer and camera knowledge is helpful.

# PHYSICAL EDUCATION ELECTIVE COURSES

## PE Band and Color Guard

Course # 11005

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** ASI, Clark, GR, RIS

Color Guard members participate in two dance recitals during the year and all Color Guard members participate in the competitive winter guard during second semester. The Color Guard is also part of any parades in which the bands participate, and they will also perform at the CUSD Band Night. There will be a try-out day for students interested in joining Color Guard; students will be notified following try-outs if they have been selected to be on the team. There are after-school and weekend practices, as well as performances which are all mandatory to attend.

## P.E. Dance

Course # 10002

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** ASI, KIT, RIS

PE Dance is an elective class where dance techniques are taught.

## P.E. Strength and Weight Training

Course # 11016

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** ASI, GR, KIT, RIS

PE Strength and Weight training allows students an opportunity to learn and participate in strength training to improve their fitness. This course will also allow students to learn and participate in activities aimed at improving cardiovascular fitness and endurance.

# CHOIR ELECTIVE COURSES

## Chamber Choir

Course # 80072

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Placement by Choral Director  
**Location:** All Middle Schools

This is a premier performing group for girls and/or boys in the 7<sup>th</sup> and 8<sup>th</sup> grade who have auditioned and possess a high level of vocal and musical skills, as well as good grades. Members of Chamber will be expected to maintain a "C" average. They perform choral literature of all styles and periods. Students will learn to read music at sight.

## Concert Choir

Course # 80055

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Placement by Choral Director  
**Location:** All Middle Schools

The Concert Choir is made up of girls who have a special interest in music and a strong aural awareness and are already skilled in part singing. This choir performs choral literature in 3 or 4 parts from all musical genres. Students will perform at school functions, festivals, and civic events. Singers are required to attend all extra rehearsals and be present at all performances.

## Jazz Choir

Course # 80071

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Placement by Choral Director  
**Location:** KIT, RIS

Jazz Choir is made up of students who have a special interest in music, a strong aural awareness and are already skilled in part singing. This choir performs choral literature in 3 or 4 parts from all musical genres. Students will perform at school functions, festivals, and civic events. Singers are required to attend all extra rehearsals and be present at all performances.

## Soprano & Alto Choir

Course # 80064

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Placement by Choral Director  
**Location:** All Middle Schools

This is a beginning level course offered to students who have an interest in vocal music. It is designed to develop an appreciation and an understanding of musical styles from a variety of sources. Members will learn to understand musical symbols and perform them. Members will learn to sing music written in unison and 2 parts.

## Tenor & Bass Choir

Course # 80053

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Placement by Choral Director  
**Location:** All Middle Schools

This course is offered for students who have a desire to sing in choir. It provides an opportunity for young men to learn proper vocal techniques, in a non-threatening environment, as they transition through the changing voice. Members will learn to sing music written in 2, 3 and 4 parts. The boys will perform at school and civic events. Students are required to attend all extra rehearsals and be present at all performances.

## Treble Clef Chorale

Course # 80047

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** Placement by Choral Director  
**Location:** Clark, Gr

This choir is designed to meet the needs of those singers who possess stronger vocal and aural skills. This class will develop good singing habits and will introduce challenging music from a variety of styles. Students will learn music vocabulary and symbols. Two- and three-part music will be taught. Students are required to attend all extra rehearsals and be present at all performances.

# DRAMA ELECTIVE COURSES

## Advanced Drama

Course # 80050

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** All Middle Schools

This is a performance class. Advanced Drama students will be required to perform in production with their class. Students will also complete projects using theatre techniques such as: documentaries, silent films, and scene work.

## Beginning Drama

Course # 80052

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** ASI, GR, KIT

This is an introductory course to theater. Students will learn basic theater concepts and stage terms. Students will learn pantomime, improvisation, and performance techniques to help them become more comfortable in front of an audience and on stage.

## Beginning Drama Sm

Course # 80052SM

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** ASI, GR, KIT, Clark

This is a semester introductory course to theater. Students will learn basic theater concepts and stage terms as well as be introduced to pantomime, improvisation and performance techniques through interactive games and lessons. Students will become more comfortable speaking in front of people which will prepare them for academic presentations. No audition required.

## Intermediate Drama

Course # 80056

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** All Middle Schools

This is an intermediate course to theater. Students will learn intermediate theater concepts and stage terms. Students will learn more in-depth information in pantomime, improvisation, and performance techniques to help them become more comfortable in front of an audience and on stage. No audition required.

# INSTRUMENTAL MUSIC ELECTIVES

## Advanced Orchestra

Course # 80066

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** All Middle Schools

Advanced Orchestra is by audition only. This class is made up of advanced string players who have been playing for three or more years. Private lessons are encouraged, but not required.

## Beginning Band

Course # 80051

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** KIT

Beginning Band is open to all students who play a band instrument. Students who are interested in any of the band classes should register for "**Band**" on their registration form. Students will be placed in the appropriate class by the band director.

## Intermediate Band

Course # 80048

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** None  
**Location:** ASI, Clark, GR, KIT

Intermediate Band is a full band class. The focus of Intermediate Band is the development of good fundamental skills. The majority of students in this class will be 7<sup>th</sup> graders. Attendance at performances is expected.

## Jazz Band

Course # 80058

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** All Middle Schools

Jazz Band is open to instrumentalists who have had prior instruction on a band instrument. This class rehearses during the school day. It is designed to teach the language of Jazz and prepare students for performances in concerts and festivals. Students are required to attend all extra rehearsals and be present at all performances. After-school rehearsals may be required.

## Music Appreciation/Music Technology

Course # 8i000

**Grades:** 7-8  
**Duration:** Semester Course  
**Prerequisite:** None  
**Location:** KIT

Music Appreciation/Music Technology has the purpose of increasing a student's musical awareness and give students the tools to actively listen to, discuss, and critique various styles of music. The first portion of the course will focus on learning the basic elements of music: Melody, Rhythm, Harmony, form, Texture, Tempo, and Dynamics. Using appropriate music vocabulary, students will study and discuss a variety of musical genres, including Classical, Jazz, Rock, Musicals, and World Music. Additionally, this course will delve into technology and how it relates to music in the 21<sup>st</sup> century.

## Orchestra

Course # 80059

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** Clark, GR, KIT, RIS

Orchestra is open to students who are interested in playing string instruments (violin, viola, cello, and string bass). Orchestra introduces students to the fundamentals of ensemble orchestra playing. Emphasis is placed upon developing an understanding and appreciation for orchestral music and its role within the world. Students are required to attend all performances.

## Percussion

Course # 80068

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** All Middle Schools

Percussion is part of the instrumental music program, but is a separated class, and is open to students who wish to learn percussion. There are two classes offered during the school day. One is for beginners who come in with little to basic elementary school ability (usually 7<sup>th</sup> graders) and the other is for advanced students with prior percussion training (usually 8<sup>th</sup> graders). Most students take the zero period PE marching band, which allows for study of marching drumline instruments and prepares them for the competitive winter percussion season between December and March. Students will learn music theory, as well as rhythmic and fundamentals which includes both reading and writing music. In addition to participating in the concert band setting, these students will primarily focus on exploring the snare drum and keyboards.

## Symphonic Band

Course # 80054

**Grades:** 7-8  
**Duration:** Year Course  
**Prerequisite:** See Counselor  
**Location:** All Middle Schools

This is the advanced level concert band made up of brass, woodwind and percussion students selected by audition. This band performs at school functions, football games, festivals, concerts, and parades. Students are required to attend all extra rehearsals and be present at all performances.

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