

VICTOR VALLEY UNION HIGH SCHOOL DISTRICT



ADELANTO HIGH
SCHOOL

GRADES 9-12



COBALT INSTITUTE OF
MATH & SCIENCE

GRADES 7-12



GOODWILL EDUCATION
CENTER

GRADES 7-12



IMOGENE GARNER
HOOK JUNIOR HIGH
SCHOOL

GRADES 7-8



LAKEVIEW LEADERSHIP
ACADEMY

GRADES 7-12



UNIVERSITY
PREPARATORY SCHOOL

GRADES 7-12



VICTOR VALLEY VIRTUAL
ACADEMY

GRADES 7-12



SILVERADO HIGH
SCHOOL

GRADES 9-12



VICTOR VALLEY HIGH
SCHOOL

GRADES 7-12



VICTOR VALLEY ADULT
SCHOOL

GRADES 7-12

COURSE CATALOG 2021-2022

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VVUHSD High School Graduation Requirements & STANDARDS OF PROFICIENCY

Students shall receive diplomas of graduation from high school only after completing the prescribed course of study and meeting the standards of proficiency established by the District and State.

	COMPREHENSIVE High Schools	ALTERNATIVE (Goodwill Educ)
English/Language Arts	40	40
US History	10	10
World History	10	10
American Government	5	5
Economics	5	5
Mathematics	30	20
Science (Biological and Physical Science)	20	20
Visual and Performing Arts/ Foreign Language/ Career Technical Education (CTE)	10	10
Electives	70	30
Physical Education*	20	20
Total semester units in grades 9-12 required for graduation	Credits 220	Credits 170

PE

1. Grade 9 students must be enrolled in PE 9 to meet the state PE requirement (10 credits).*
2. Grade 9 Students May Not Be Enrolled In Sports Pe Unless Approved By Principal.
3. Grades 10-12 - PE graduation may be met through Athletics, Band, ROTC I, II, III and Sports PE

Algebra 1

1. The State requires students to successfully complete Integrated I.

The following credits are considered to be on track for graduation at each grade level:

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- 50 credits sophomore
- 100 credits junior
- 150 credits senior

If a student has fewer credits than what is listed above at their particular grade level, they are in danger of not graduating on time. The administration recommends the parent/guardian make an appointment with the counselor immediately to plan for additional support to create a plan to remediate the missing credit requirements.

ACADEMIC HONESTY

Each student shall maintain academic honesty in the conduct of his or her studies and other learning activities at VVUHSD. The integrity of this academic institution, and the quality of the education provided are based on the principle of academic honesty. The maintenance of academic integrity and quality education is the responsibility of each student within each school. Cheating and plagiarism in connection with an academic program is listed in [EC67386 \(c\)10](#) and [41301, Title 5, California Code of Regulations](#), and may result in a disciplinary action.

Four-Year College Admissions Requirements

Below are the recommended courses for student enrollment into a four-year college or university

SUBJECTS	CAL. STATE UNIVERSITY (CSU) REQUIREMENTS	UNIVERSITY OF CALIFORNIA (UC) REQUIREMENTS
History/ Social Studies	2 years	2 years
English	4 years College Prep	4 years College Prep
Math	3 years, 4 years recommended *Integrated I *Integrated II *Integrated III	3 years, 4 years recommended *Integrated I *Integrated II *Integrated III
Science	2 years of lab science, 3 years recommended	2 years of lab science, 3 years recommended
Language other than English	2 years of the same foreign language required, 3 years recommended	2 years of the same foreign language required, 3 years recommended
Visual and Performing Arts	1 year of Drama/Theater, Music or Visual Arts.	1 year of Drama/Theater, Music or Visual Arts.
College Prep Electives	1 year - in one of the areas listed above specific courses in the fine arts area may be included	1 year - in one of the areas listed above specific courses in the fine arts area may be included
TOTAL	All courses must be on the approved list for the University of California	All courses must be on the approved list for the University of California

ADMISSIONS TO UC AND CSU COLLEGES

UC admission: Earn a grade point average (GPA) of 3.0 or better (3.4 if you're a nonresident) in these courses with no grade lower than a C. Visit the link below for more information.

<https://admission.universityofcalifornia.edu/admission-requirements/freshman-requirements/>

CSU admissions: Admission offices at the 23 campuses use three factors to determine eligibility.

1. Specific high school courses (referred to as the “a-g” courses)
2. Grades in “a-g” courses and test scores
3. Graduation from high school

Many CSU campuses have higher standards for particular majors or for students who live outside the local admission area. Because of the number of students who apply, several campuses have higher standards (supplementary admission criteria) for all applicants.

Many CSU campuses use local admission policies for students who graduate or transfer from high schools and community colleges that are historically served by a CSU campus in that region. Click below for more info:

https://www2.calstate.edu/apply/freshman/getting_into_the_csu/pages/admission-requirements.aspx

Four-Year College Admissions Tests

PSATs: Visit <https://collegereadiness.collegeboard.org/sat> to learn more.

The PSAT/NMSQT (Preliminary Scholastic aptitude Test/National Merit Scholarship Qualifying Test) is a two hour test given on two dates in October of each year. Like the SAT, it tests verbal and math skills. All of the questions on the PSAT are taken from previous SATs.

This test is:

- 1) A practice test for the SAT;
- 2) A tool for guidance counselors to help students plan for college; and
- 3) A qualifying test for the scholarship awarded by the National Merit Scholarship Corporation and the National Hispanic Scholar Award program.

- Average PSAT Scores
- PSAT Test Dates
- PSAT Study Tips
- Sample PSAT Tests

PSAT: Provides practice for the SAT test required by a majority of colleges for admission. The PSAT measures critical reading, verbal reasoning, writing skills and math problem-solving skills. Eleventh grade scores will be used to compete for National Merit Scholarships. **Who tests:** 11th grade

SATs: Visit the LINK to learn more: <https://collegereadiness.collegeboard.org/sat>

What is SAT?

At the beginning, SAT stands for Scholastic Aptitude Test. In 1993, the SAT was renamed as the SAT Reasoning Test (or known as SAT I). Meanwhile, the former Scholastic Achievement Test was renamed as the SAT Subject Tests (or known as SAT II).

SAT Structure

Each edition of the SAT includes a Verbal and Math section, with a specific number of questions related to content. The question types and number of questions in each section are listed below.

The Verbal Section

The verbal section of the SAT focuses on critical reading with more than half of the verbal test devoted to passage-based reading questions. The verbal test also includes analogies and sentence completions, which

emphasize logical relationship, vocabulary, and how words relate. SAT I: SAT

Reasoning Test

SAT II: SAT Subject Tests

DEFINITIONS OF COURSE OFFERINGS

Victor Valley Union High School District offers the following courses to provide access to rigorous and challenging curriculum and meet the needs of all students.

Advanced Placement: Offered in Grades 10-12

Advanced Placement (AP) courses are offered at each of our high schools. Students who take these courses tackle school college-level work while still in high school. When students take the AP exams each May, they can earn college credit and placement. You don't need to be top of your class to be an AP student, but you'll want to be prepared for the AP course you choose. Some AP classes have recommended courses you should take first, and all AP courses ask that you come willing to do your best work. There are 38 AP courses in disciplines such as the arts, English, history and social science, math and computer science, the sciences, and world languages and culture. You should choose an AP course based on what subjects you're passionate about as well as what classes you do well in.

Visit <https://apstudents.collegeboard.org/what-is-ap> to learn more

College Preparatory (CP) courses: Offered in Grades 9-12

In order for students to enroll in four year colleges, students are enrolled in courses identified as College Prep (CP). These are however not Honors or AP courses as defined below, but a grade of C or higher in CP courses are required for college admissions.

Career Technical Education (CTE) courses: Offered in Grades 9-12

Career and Technical Education (CTE) courses are designed to teach specific career skills to students in middle school, high school, and post-secondary institutions.

Dual Enrollment (DE) Courses: Offered in Grades 9-12

In partnership with Victor Valley College VVUHSD offers DE courses as part of a college prep academic program. These courses are taught on the gh school campuses and taught by VVC Associate faculty. Students are admitted to the courses based on the qualifying assessment required by VVC. DE enrollment creates access for highschool students to participate in postsecondary education opportunities while reducing college costs for sens and familuiesEach class may provide transferable units completed for CSU UCs and private universities. Students may also choose to use the DE credits to replace a high school required course with prior approval of counselor and site administration. For additional information on all Dual Enrollment, visit [VVC Dual Enrollment Application](#)

Honors Courses: Offered in Grades 7-12:

Students enrolled in honors courses are challenging themselves through a rigorous course of studies which puts them on a path to complete more demanding college-preparatory coursework. These courses are designed to accelerate students in a course which they have interest in. For some courses, students might have to meet certain prerequisites, such as a teacher recommendation or an average grade of B or higher in a previous course, to gain admission to an honors course. Honors courses is one of the highest-level courses offered by the school.

Grades 7 & 8: Honors courses prepare students for more rigorous high school courses including Advanced Placement courses.

Grades 9-12: It is important to note that NOT all of them receive a weighted GPA. Please read the information below and talk to your counselor before enrolling into a Honors course in high school.

UCOP Honors Courses:

Honors courses designed by an institution to demonstrate distinctive features that set it apart from regular high school courses in the same A-G subject area are eligible for the UC honors designation. These courses should be comparable in terms of workload and rigor to Advanced Placement (AP), International Baccalaureate (IB) or introductory college-level courses in the subject.

1. UCOP Honors-level courses are specialized, advanced courses designed for 10th, 11th, or 12th graders who have already completed foundation work in the subject area.
2. High school courses offered at the grade 9 level are not eligible for the UC honors designation and are not identified in UCOP as Honors.
3. UC and CSU admissions assign additional points for completed UC-certified honors courses.

Calculating Honors courses in GPA:

When calculating your GPA, " Give yourself an extra point for each semester of a UC honors-level course, with a maximum of 8 points between 10th and 11th grades."

For California residents:

- Honors courses are Advanced Placement (AP) and UC-transferable college courses and UC-certified honors courses that appear on your school's course list.
- For 10th grade, you cannot use more than 4 honors points.
- Grades of D or F in an honors course do not earn an extra point.
- Classes taken during the summer after 9th grade count as 10th grade; classes in summer after 10th grade count as 10th grade; classes in summer after 11th grade count as 11th grade.
- One college course = one grade = one honors point.

High School Honors course: Some courses are weighted as defined by UC colleges and receive a 1-point increase in the grade as follows: A=5, B=4, C= 3 D and F grades do not receive the 1-point increase. Some Honors are internal district courses that provide the preparation for the weighted honors and AP courses.

The below VVUHSD Honors courses listed are identified as UC approved Honors courses for grades 10-12. These courses receive 1 additional GPA point.

Subject Area A: History Social Studies	Subject Area B: English Language Arts	Subject Area C: Mathematics	Subject Area D: Science
AP European History	AP Lang and Comp	AP Calculus A/B	AP Biology
AP Govt and Politics	AP Lit and Composition	AP Calculus B/C	AP Chemistry

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AP U.S History	AP Seminar	AP Computer Science	AP Environmental Science
World History Honors	English 10 Honors	AP Statistics	AP Physics
		Pre-Calculus Honors	Anatomy & Physiology Honors
			Chemistry Honors
			NGSS Chem Honors
			Physics Honors
Subject Area E: Lang other than English	Subject Area F: Visual/Performing Arts	Subject Area: G C- P Electives	
AP Spanish Lang	AP 2D Art Design	AP Macroeconomics	
AP Spanish Lit	AP Art History	AP Psychology	
Spanish 3 Honors		AP Research	

Middle School Honors Courses: Grades 7 & 8

These Honors courses are provided to encourage students to challenge their learning and require commitment to hard work and consistent demonstration of skills above grade level and a desire to learn and challenge their own thinking. They are graded on a 4 point scale.

1. Math Honors is assigned according to placement tests and teacher recommendations.
2. Science Honors is assigned based on student interest and teacher recommendations.
3. English Language Arts and/or Social Science Honors students should demonstrate readiness as follows:
 - Demonstrate above grade level reading and writing skills
 - Score Standard Exceeded on ELA CAASPP assessments.
 - Score 80th percentile or greater on Renaissance STAR Reading assessments
 - Demonstrate a consistent mastery of grade level standards.
 - Demonstrate strong inferential reading comprehension; see beneath the surface of the material; easily grasp the nuances of the reading material.
 - Articulate opinions and participate in discussions using logical reasoning, critical thinking, and mature insights; possess an above grade level vocabulary and use it correctly.
 - Possess a strong work ethic and consistently complete work of the highest quality on time.
 - Work independently with excellent time management skills.
 - Seek challenges and work for the intrinsic rather than the extrinsic reward.
 - Want to improve – seek, accept, and learn from criticism with a positive attitude.
 - Recognize and commit to the demands of the Honors program.

Below is the list of Honors courses in grades 7-11. **All the courses listed here do not receive a weighted GPA**, but prepare students for the AP courses.

Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
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Honors English	Honors English	Honors English		
Honors Math	Honors Math	Integrated I Honors	Integrated II Math Honors	Integrated III Math Honors
Honors Science	Honors Science	NGSS Biology: The Living Earth Honors	NGSS CChem	
Honors Social Studies	Honors Social Studies			-

NCAA FRESHMAN-ELIGIBILITY STANDARDS

The NCAA Eligibility Center verifies the academic and amateur status of all student-athletes who wish to compete in Division I or II athletics. College-bound student-athletes who want to practice, compete and receive athletically related financial aid during their first year at a Division I or II school need to meet the following requirements:

- Graduate from high school.
- Complete a minimum of 16 core courses for Division I or II.
- Earn a minimum required grade-point average in core courses.
- Earn a qualifying test score on either the ACT or SAT.
- Request final amateurism certification from the NCAA Eligibility Center.

For more detail about academic requirements visit the Eligibility Center. Click below to learn more:

<http://www.ncaa.org/student-athletes/future/academic-standards-initial-eligibility#:~:text=Earn%20at%20least%20a%202.3,high%20school%20core%20course%20GPA>

Grade Remediation & Credit Recovery

Grade Remediation: Repeating a Course in order to improve D/F grades earned in a course:

College-bound students who receive a grade of "D" in college preparatory subjects are encouraged to repeat the course.

- A student can not repeat a course in which he/she has earned a C grade or better, for a higher grade.
- Students can improve the D grade by repeating the course and earning an A, B or C.
- A student does not earn additional credits for a repeated course.
 - When a student repeats a course to remediate a D or F grade, the student's transcript will show both courses completed and both grades earned.
 - But transcript will only count the credits for the course once and the highest grade earned in that course will be computed into the total GPA.
 - The previous class will not be computed into the total Credits Earned nor into the total GPA. It will have no impact on the student's transcript.

In the case of progressive courses such as math or foreign language, an advanced course may satisfy a college grade deficiency in a lower course. Please see your counselor regarding this policy.

Credit recovery is a term used to describe a variety of educational strategies and programs that give high school students who have failed a class, the opportunity to redo coursework or retake a course through alternate means—and thereby avoid failure and earn academic credit. The most familiar form of credit recovery is the summer-school programs offered in VVUHSD, that allow students to recover credit from courses they have failed during the regular school year. In addition, the district offers an Online After School Credit Recovery program during the school year, so that students do not have to wait for Summer School to complete credit recovery.

How can a student complete Grade Remediation and Credit Recovery:

1. **In-school option:** Repeat a D/F grade by repeating the course as part of the scheduled school day.
2. **Summer School option:** Sign up for remediation during summer school. Except under special circumstances, all courses are offered as an online program.
3. **After School Credit Recovery:** This option allows students to remediate a D and F grade after school through an online recovery program. Students are assigned to teacher-mentors who monitor their progress and provide supports to stay on track.

Talk to your counselor for more information and what is needed to help you graduate on time and on track to successfully transition to a four-year college.

COURSE OF STUDIES

Victor Valley Union High School District provides a comprehensive course of study for all the comprehensive high schools, Goodwill High School and Goodwill Independent Study. The courses listed in the catalog may be used at all schools with the exception of Victor Valley Virtual Academy. Please contact the Director of Curriculum or the Virtual Academy Administrator for a complete course of study for our online program.

HISTORY/SOCIAL SCIENCE: UC/CSU Approved - Subject Area: A

Any student planning to fulfill the UC/CSU Approved History/Social Studies requirement needs to complete two years of College Preparatory (CP) courses which are A-G approved and meet admission criteria at California State University and the University of California. Students enrolled in Advanced Placement (AP) courses are expected to take the corresponding AP exam at the conclusion of the course and a passing score may enable the student to receive college credit. AP courses receive weighted grades. Honors courses are offered in Grades 7-11. High School Honors courses which receive a weighted grade in the UC application are clearly identified as such. Please note the GPA weight indication at the end of the course description.

Weighted grades are as follows: "A" = 5 "B"= 4 "C"= 3. "D" grades or lower are not weighted.

Social Studies 7 5024	2 semesters	Grade 7
This course requires counselor approval.		
Social Studies 7 GE 5012	2 semesters	Grade 7
This course is a required course in world history for all seventh grade students and focuses on World History and Geography across Medieval and Early Modern Times, beginning with the social, cultural, and technological changes that occurred in Europe, Asia, and Africa. The course goes on to cover the history and geography of great civilizations that were developing throughout the world. Finally, it delves into the Renaissance, the Scientific Revolution, the Enlightenment, and the roots of democracy, and focuses on the political impact of the Enlightenment and its influence on the world today.		
Social Studies 7 Honors 5028	2 semesters	Grade 7
Honors course includes advanced discussions, projects and research.		
Social Studies 8 5044	2 semesters	Grade 8

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This course requires counselor approval.			
Social Studies 8 GE 5032	2 semesters	Grade 8	
This course is a required course in American history for all eighth grade students and focuses on the history of the United States covering the period roughly from 1760-1877, covering the development of this country from the early settlement and colonization through the end of the Civil War.			
Social Studies 8 Honors 5048	2 semesters	Grade 8	
Honors course includes advanced discussions, projects and research.			
Functional Social Studies 5000	2 semesters	Grade 7-12	
This middle school social studies course requires counselor approval.			
American Government 5544	1 semester	Grade 12	NOT UC/CSU Approved
This high school course requires counselor approval.			
American Government CP 5512	1 semester	Grade 12	UC/CSU Approved
American Government is a required college preparatory course for twelfth grade students and includes the basic principles upon which the government rests, including the U.S. and California Constitutions, as well as the functioning of the governmental processes.			
AP Macroeconomics 5415	1 semester	Grade 12	UC/CSU Approved
This college preparatory course is provided by the College Board in which students explore the principles of economics that apply to an economic system as a whole. Students use graphs, charts, and data to analyze, describe, and explain economic concepts. Prepares students for the national AP exam. (Weighted GPA)			
AP European History 5252	2 semesters	Grade 10-12	UC/CSU Approved
This college preparatory course is provided by the College Board in which students study the cultural, economic, political, and social developments that have shaped Europe from c. 1450 to the present. Students analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. Prepares students for the national AP exam. (Weighted GPA)			
AP U.S. Government and Politics 5515	1 semester	Grade 12	UC/CSU Approved
This college preparatory course is provided by the College Board in which students study the key concepts and institutions of the political system and culture of the United States. Students will read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project. Prepares students for the national AP exam. (Weighted GPA)			
AP Research 9902	2 semesters	Grades 11-12	UC/CSU Approved
AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. Prepares students for the national AP exam. (Weighted GPA)			

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AP U.S. History 5315	2 semesters	Grades 11-12	UC/CSU Approved
This college preparatory course is provided by the College Board in which students study the cultural, economic, political, and social developments that have shaped the United States from c.1491 to the present. Students analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. Prepares students for the national AP exam. (Weighted GPA)			
Economics 5444	1 semester	Grade 12	NOT UC/CSU Approved
This high school course requires counselor approval.			
Economics CP 5412	1 semester	Grade 12	UC/CSU Approved
Economics is a required college preparatory course for twelfth grade students regarding fundamental economic concepts and how they relate to one another. This one-semester course provides a solid foundation of the basic institutions, concepts, principles and practices of economics. Instruction focuses on economic concepts that underlie the United States market system and its operations.			
Functional Social Studies 5000	2 semesters	Grades 9- 12	
This high school social studies course requires counselor approval.			
Social Studies SHAd 5001	2 semesters	Grades 12 and above	
This high school social studies course requires counselor approval.			
United States History 5344	2 semesters	Grade 11-12	NOT UC/CSU Approved
This high school course requires counselor approval.			
United States History CP 5312	2 semesters	Grade 11-12	UC/CSU Approved
This required course examines events, issues, and majority turning points in United States history. This course provides an examination of colonial times through reconstruction, and discusses in detail events in US history from the industrial revolution through the present day.			
World History 5244	2 semesters	Grade 10-12	NOT UC/CSU Approved
This high school course requires counselor approval.			
World History CP 5212	2 semesters	Grade 10-12	UC/CSU Approved
This required course examines major turning points in the shaping of the modern world, from the late eighteenth century to the present and highlights the intensification of a truly global history as a people, products, diseases, knowledge, and ideas spread around the world as never before. The course begins with a turning point: the important transition in European systems of governance from divine monarch to a modern definition of a nation-state organized around principles of the Enlightenment.			
World History HP 5205	2 semesters	Grade 10	UC/CSU Approved

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This is a robust, writing-intensive course that uses multiple perspectives to trace the development of civilizations around the world from prehistory to the present. In order to be competitive in the 21st century, this class will model and require 21st century skills, students will use a variety of techniques in order to further their understanding of the course work required. Honors course includes advanced discussions, projects and research. **(Weighted GPA)**

History/Social Science Electives

Geography 5112

2 semesters

Grades 7-8

Geography is a yearlong course designed for middle school in which students analyze geographic knowledge including the study of both physical and human geography through the study of concepts and patterns in specific regions of the world.

AP Psychology 5723

2 semesters

Grades 11-12

UC/CSU Approved

This college preparatory course is provided by the College Board in which students explore the ideas, theories, and methods of the scientific study of behavior and mental processes. students examine the concepts of psychology through reading and discussion and you'll analyze data from psychological research studies. Prepares students for the national AP exam. **(Weighted GPA)**

Geography 5144

2 semesters

Grade 9-12

NOT UC/CSU Approved

This high school course requires counselor approval.

Geography 5112CP

2 semesters

Grade 9-12

UC/CSU Approved

Geography CP is a yearlong course in which students analyze geographic knowledge including the study of both physical and human geography through the study of concepts and patterns in specific regions of the world.

Intro to Courtroom Debate: Mock Trial 5828

2 semesters

Grade 9-12

UC/CSU Approved

This course is for students interested in learning about the legal system and court procedures, and understanding law in everyday life as well as developing public speaking skills and critical thinking skills necessary for conducting a Mock Trial. Students will learn, practice and perform courtroom procedures for both civil and criminal cases, including rules of trial procedures and evidence. Students will also participate in courtroom simulations as an attorney, witness, or other role.

Psychology 5722

2 semesters

Grade 11-12

UC/CSU Approved

This introductory course is designed to introduce students to the vast and diverse field of psychology, and includes psycho-analytical learning and cognitive development theories as well as the work of other behavioral theorists.

Sociology 5702

2 semesters

Grade 11-12

UC/CSU Approved

This course is designed to help students more fully appreciate the complex network of social relationships in their lives, to see the interdependence of things, and to see the social order as a system. Topics studied include adolescence, social institutions, social stratification and social theory.

ENGLISH LANGUAGE ARTS: UC/CSU Approved Approved - Subject Area: B

Any student planning to fulfill the UC/CSU Approved English Language Arts requirement needs to complete four

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years of College Preparatory (CP) courses which are A-G approved and meet admission criteria at California State University and the University of California. All Math courses have been aligned to the California State Standards. Students enrolled in Advanced Placement (AP) courses are expected to take the corresponding AP exam at the conclusion of the course and a passing score may enable the student to receive college credit.

AP courses receive weighted grades. Honors courses are offered in Grades 7-11. High School Honors courses which receive a weighted grade in the UC application are clearly identified as such. Please note the GPA weight indication at the end of the course description. Weighted grades are as follows: "A" = 5 "B" = 4 "C" = 3. "D" grades or lower are not weighed.

English 7 1313	2 semesters	Grade 7
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This course requires counselor approval.

English 7 GE 1314	2 semesters	Grade 7
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The English 7 course introduces students to genres of literature including novels, short stories, poetry, plays and nonfiction text. Instruction focuses on reading strategies for basic comprehension. Students use a variety of writing in composing argument and expository essays, incorporating descriptive and persuasive strategies.

English 7 Honors 1315	2 semesters	Grade 7
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While the content is similar to the course above, the Honors 7th grade course includes advanced discussions, projects and research. **(Non-weighted GPA)**

English 8 1333	2 semesters	Grade 8
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This course requires counselor approval.

English 8 GE 1334	2 semesters	Grade 8
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The English 8 course includes literature and informational texts to support skills in reading, writing, language, oral communication, and listening. Students use a variety of writing styles in composing personal narratives, argument essays, expository essays, and responses to literature incorporating descriptive writing and persuasive strategies.

English 8 Honors 1334HR	2 semesters	Grade 8
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While the content is similar to the course above, the Honors 8th grade course includes advanced discussions, projects and research. **(Non-weighted GPA)**

Functional English 2000	2 semesters	Grades 7-8
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This middle school English course requires counselor approval.

English 9 2113	2 semesters	Grade 9	NON UC/CSU Approved
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This high school course requires counselor approval.

English 9 CP 2116	2 semesters	Grade 9	UC/CSU Approved
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This is a required course in 9th grade. Using the California State Standards, this course focuses on reading, writing, language, oral communication, and research skills. Students will read and critically analyze texts across all genres.

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Students demonstrate their ability to write business letters, to conduct interviews, and to apply the formal writing process to argumentative, expository, narrative, and descriptive writing.

English 9 Honors College Prep 2116HP	2 semesters	Grade 9	UC/CSU Approved
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This is a honors level course that covers the same required materials as English 9CP, on critical thinking and analytical writing. Writing assignments are more complex and the literary analysis is covered in greater depth in keeping with the California State standards. Using the literature and activities, students will then formulate and defend their own opinions as they develop their own perspectives. This course prepares students for the rigor of Advanced Placement coursework. **(Non-weighted GPA)**

English 10 2143	2 semesters	Grade 10	NOT UC/CSU Approved
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This high school course requires counselor approval.

English 10 CP 2144	2 semesters	Grade 10	UC/CSU Approved
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This is a required course in 10th grade.Using the California State Standards, this college preparatory course will help students further develop their reading, writing, listening and speaking skills. Students will read, write and critically analyze texts across all genres. Students will use arguments and counter arguments in persuasive writing as well as multimedia. Emphasis is placed on precise sentence structure including conventional grammar, academic and content area vocabulary, and 21st century listening and speaking skills.

English 10HP (Honors) 2146	2 semesters	Grade 10	UC/CSU Approved
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This is a college preparatory honors course for students who excel in English. This course covers all the required material included in English 10P, and also involves reading major works of literature, as well as extensive writing of analytical and research papers. This course is designed with the appropriate rigor and attention to state standards to qualify as honors that requires that students complete all requisite work designated for the college prep course, as well as novel studies for each unit **(Weighted GPA)**

English 11 2173	2 semesters	Grade 11	NOT UC/CSU Approved
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This high school course requires counselor approval.

English 11CP 2176	2 semesters	Grade 11	UC/CSU Approved
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Using the California State Standards, English 11CP builds upon the skills acquired in English 10CP, continuing growth in analytical and critical reading and writing skills through the study of American literary history. This required college preparatory course will allow students to experience different authors' viewpoints from a variety of time periods and cultures. Students will formulate and defend their opinions as they develop their own perspectives and express them in multiple modes of writing.

AP English Language & Composition 2175	2 semesters	Grade 11	UC/CSU Approved
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This college preparatory course is provided by the College Board. This is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. Prepares students for the national AP exam. **(Weighted GPA)**

Women's Literature 2264	2 semesters	Grades 11-12	UC/CSU Approved
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Using literature from the 19th to the 20th century, students read, analyze, and evaluate women's literature and its relevant issues while having an understanding of how a time period influences that literature.

Shakespeare 2276	2 semesters	Grade 12	UC/CSU Approved
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This course stresses the advancement of reading and writing skills by the careful and exact evaluation of Shakespearean literature. Students in this class will read, interpret and understand the breadth of Shakespearean works. Students will learn to appreciate Shakespeare's plays through acting and connecting his themes of love, jealousy, betrayal, and more to their own lives. This course will seek to answer the essential questions: How does Shakespeare's work relate to our own lives?

CSU Expository Reading and Writing (ERWC) 2254	2 semesters	Grade 12	UC/CSU Approved
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This course is adopted from California State University Early Assessment Program. ERWC (Expository Reading and Writing Curriculum) is a college preparatory, rhetoric-based English language arts course designed to develop academic literacy and advanced proficiency in rhetorical analytical reading, writing, and thinking.

English 12 2213	2 semesters	Grade 12	NOT UC/CSU Approved
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This high school course requires counselor approval.

English 12 CP 2216	2 semesters	Grade 12	UC/CSU Approved
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The California State Standards for English-Language Arts for Grade 12 will be the focus for this required course, including reading, writing, language, oral communication and research skills. This course stresses the advancement of reading and writing skills by the careful and exact evaluation of literature and nonfiction texts. Students write a variety of essays which focus on thematic units, sentence structure, and voice while engaging in activities that inspire thoughtful conversation, discussion and debate.

AP English Literature & Composition 2215	2 semesters	Grade 12	UC/CSU Approved
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This college preparatory course is provided by the College Board. This is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. Prepares students for the national AP exam. **(Weighted GPA)**

AP Seminar 9900	2 semesters	Grades 10 -12	UC/CSU Approved
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This college preparatory course is provided by the College Board. Students develop and practice the skills in research, collaboration, and communication that supports all academic disciplines. Students investigate topics in a variety of subject areas, write research-based essays, and design and give presentations both individually and as part of a team. Prepares students for the national AP exam. **(Weighted GPA)**

Functional English 2000	2 semesters	Grades 9 -12	
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This high school English class requires counselor approval.

English SHAd 2001	2 semesters	Grades 12 and above	
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This high school English class requires counselor approval.

English Electives

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Film as Visual Literature 1504	2 semesters	Grade 11-12	UC/CSU Approved
<p>Students enrolled in this course study film both as a visual art form and as literature. This course will promote cinematic literacy, an understanding of how this genre communicates, through analysis of the complex network of language systems.</p>			
ENGLISH LANGUAGE DEVELOPMENT			
ELD III Support MS 2420	2 semesters	Grades 7-8	
<p>This course is designed to be a support class for level 3 English Learner students who will be taking a core English course along with this ELD enrichment class. The student will receive elective credit and be provided targeted English Language Development through additional direct instruction.</p>			
Academic English 2418	2 semesters	Grades 7-12	NOT UC/CSU Approved
<p>Explicit and informed language instruction that re-engages and equips English Learners with communicative competence through multi-modal instruction involving verbal and written academic English. This course is designed to support students who have completed at least 3 years of ELD and ELD Support and it is to be taken concurrently with grade level English courses.</p>			
ELD I HS 2412 / ELD I MS 2412MS	2 semesters	Grades 7-12	NOT UC/CSU Approved
<p>This course is designed as a double-block with ELD Support to introduce basic English vocabulary and communication skills to non-English speaking students. Emphasis is placed on experiential learning. Students progress through the emerging level of the California ELD standards.</p>			
ELD II HS 2414 / ELD II MS 2414MS	2 semesters	Grades 7-12	NOT UC/CSU Approved
<p>This course is designed as a double-block with ELD Support and is designed to expand on the vocabulary and English skills learned in ELD I. Reading, writing, speaking, and listening comprehension are emphasized to get students to the expanding level of the ELD standards.</p>			
ELD III HS 2416	2 semesters	Grades 9-12	NOT UC/CSU Approved
<p>This is a third year ELD course for level 3 and low level 4 English Learner students and currently they will receive English Credit This course id in the process of being redesigned to be a support class and student will, beginning with the 2021-2022 school year, take the course concurrently with a core English class and receive elective credit.</p>			
ELD Support HS 2417/ELD Support 2417MS	2 semesters	Grades 7-12	NOT UC/CSU Approved
<p>This course is designed to provide Newcomers additional designated ELD time. This provides additional support with English acquisition and is double-blocked with ELD I and ELD II courses.</p>			

MATH: UC/CSU Approved - Subject Area: C

Any student planning to fulfill the UC/CSU Approved Math requirement needs to complete three years of College Preparatory (CP) Math courses which are A-G approved and meet admission criteria at California State University and the University of California. All Math courses have been aligned to the California State Standards. Students enrolled in Advanced Placement (AP) courses are expected to take the corresponding AP exam at the conclusion of the course and a passing score **may** enable the student to receive college credit. AP courses receive weighted

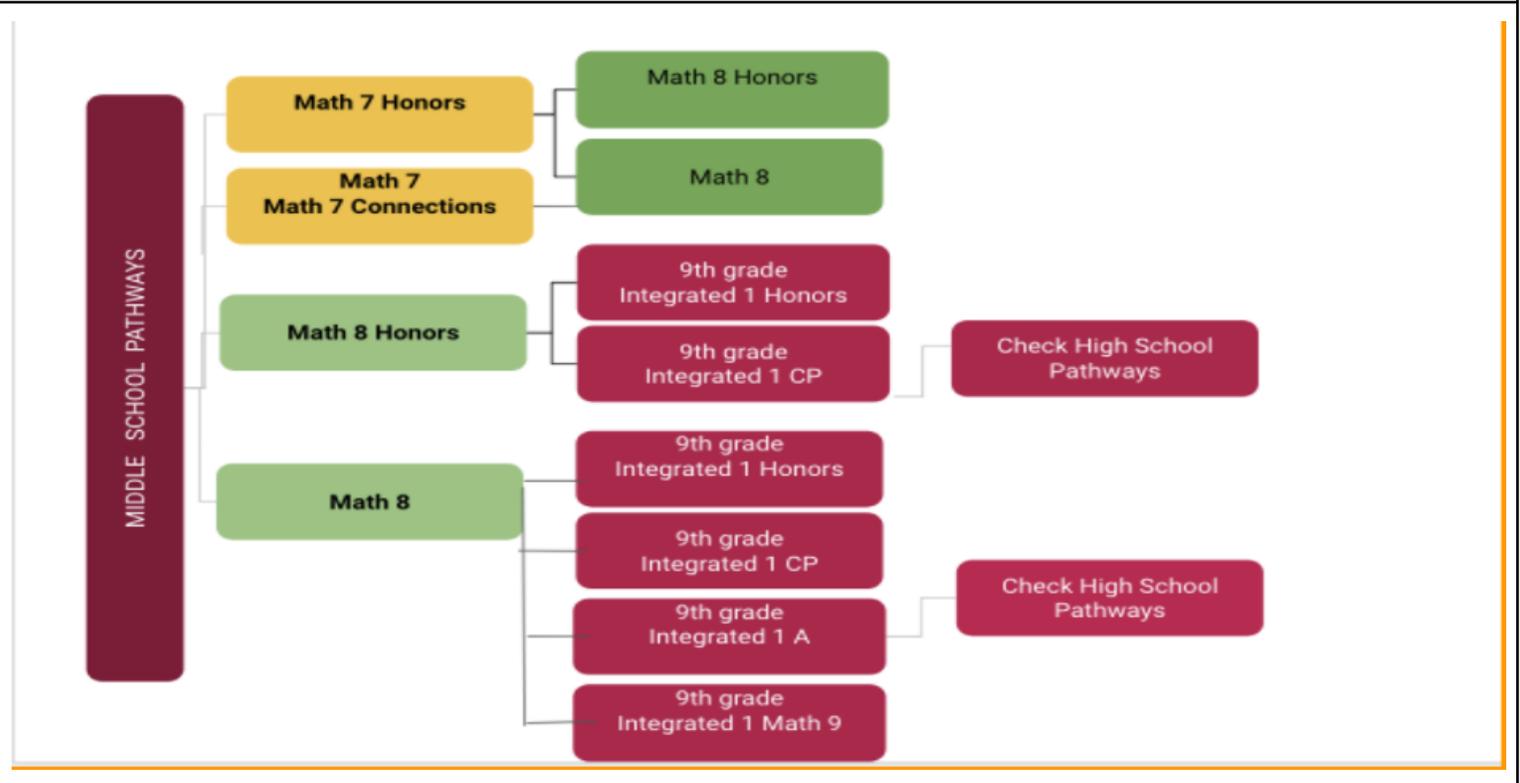
[COURSE CATALOG-2020-2021](#)

grades. Honors courses are offered in Grades 7-11. High School Honors courses that receive a weighted grade in the UC application are clearly identified as such. Please note the GPA weight indication at the end of each course description. Weighted grades are as follows: "A" = 5 "B"= 4 "C"= 3. "D" grades or lower are not weighed.

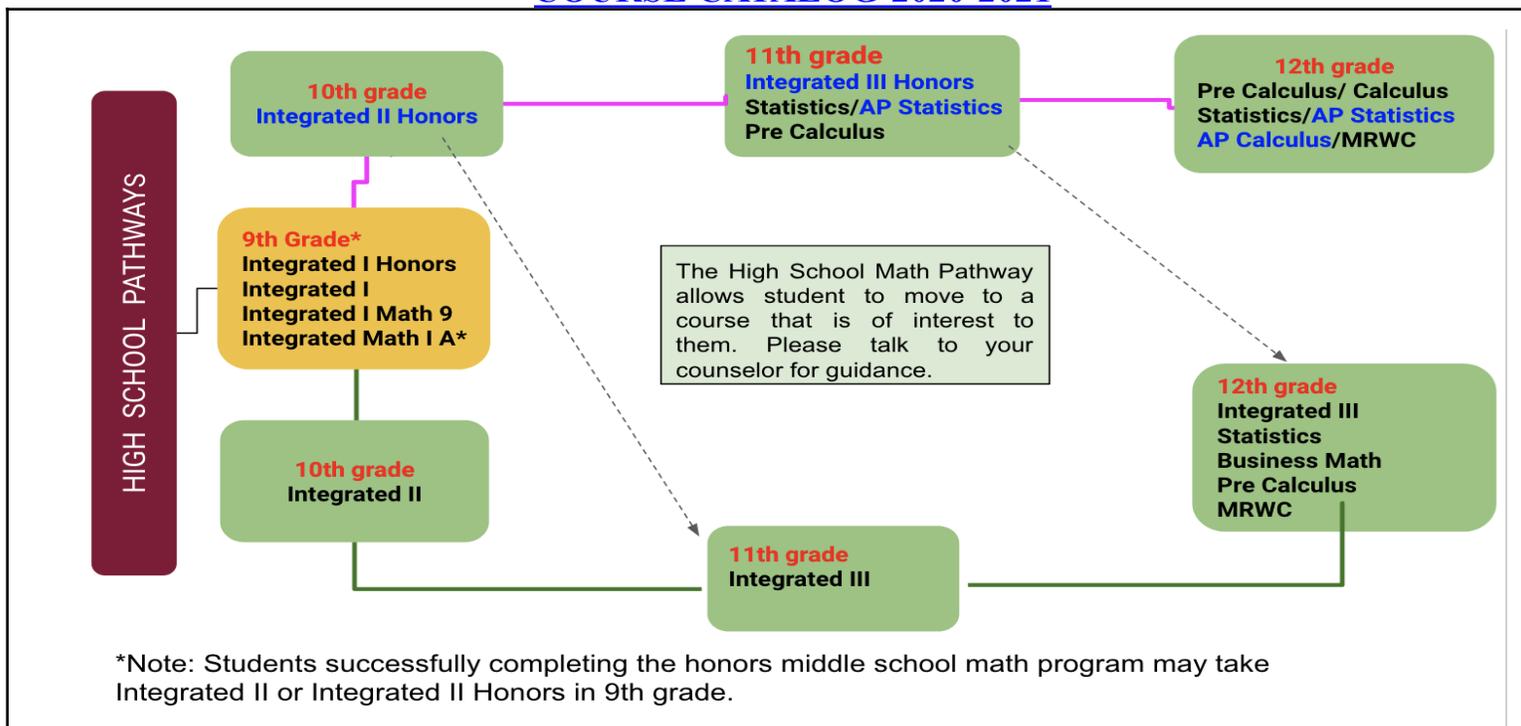
To meet local graduation and state guidelines ALL students, including Special Education students and English Learners, need to be sure that they successfully complete:

- (1) Integrated I or the Integrated I A/B sequence of courses to complete their Integrated I requirement for graduation.
- (2) Take 3 years of mathematics in grades 9-12 to graduate from high school.

Mathematics offers multiple pathways for students to accelerate their learning.



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There are several math options for incoming 9th grade students. Most students will begin high school with Integrated I, which is the first of the three courses in the Integrated math sequence. Alternatively, those students who successfully completed the Honors math sequence in middle school may take Integrated II or Integrated II Honors in 9th grade. This sequence will allow for the Integrated sequence to be completed in 10th grade. Students can then take more advanced classes their junior and senior year which may include AP Calc AB, AP Calc BC, and/or AP Statistics. A third option for 9th grade students is Integrated I Math 9. This is an Integrated I course which scaffolds prerequisite skills using conceptual instructional strategies. Integrated I Math 9 will prepare students for success in Integrated II in 10th grade and allow these students to complete the Integrated series by the end of 11th grade.

Math 7 3706	2 semesters	Grade 7
This course requires counselor approval.		
Math 7 GE 3707	2 semesters	Grade 7
This course will focus on four critical areas: developing understanding of and applying proportional relationships; developing understanding of operations with rational numbers and working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and drawing inferences about populations based on samples.		
Math 7 Honors 3709HR	2 semesters	Grade 7
This accelerated course for seventh grade students includes all of the seventh grade content and part of the standards for eight grade. Students who successfully pass this class should be enrolled in Math 8 Accelerated the following year.		

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Math Connections 7	3721	2 semesters	Grade 7	
This course focuses on providing support for conceptual understanding of the 7th grade content standards				
Math 8	3724	2 semesters	Grade 8	
This course requires counselor approval.				
Math 8 GE	3708	2 semesters	Grade 8	
This course focuses on three critical areas: 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; grasping the concept of a function and using functions to describe quantitative relationships; analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. Prerequisite: Math 7, Math 7 HP, or Math Connections 7.				
Math 8 Honors	3710HR	2 semesters	Grade 8	
This course will provide grade 8 students the remaining course standards from Math 8 as well as all of the Integrated Math I standards. Successful completion of this course may allow students to take Integrated Math II upon entering high school. Prerequisite: Math 7 HP.				
Functional Math	3050	2 semesters	Grades 7-8	
This middle school math course requires counselor approval.				
Integrated Math I	3711	2 semesters	Grades 9-12	UC/CSU Approved
This college preparatory course familiarizes and extends the mathematics that students learned in the middle grades. The standards in the integrated Mathematics I course come from the following conceptual categories: Modeling, Functions, Number and Quantity, Algebra, Geometry, and Statistics and Probability.				
Integrated Math I Honors College Prep 3717HP		2 semesters	Grades 9-12	UC/CSU Approved
Integrated Math I Honors Prep is an accelerated math course. The scope and sequence for this course contains all of the Integrated I and part of Integrated II standards. (Not weighted)				
Integrated I Math 9	3720	2 semesters	Grade 9	UC/CSU Approved
This course contains the fundamental contents of Integrated I and extends the mathematics that students learned in the middle grades. This course supports deeper learning of the key standards.				
Integrated Math 1A 3552A		2 semesters	Grades 9 - 12	NOT UC/CSU Approved
This High School course requires counselor approval.				
Integrated Math 1B 3552B		2 semesters	Grades 9 - 12	NOT UC/CSU Approved
This High School course requires counselor approval.				
Integrated Math II A 3712A		2 semesters	Grades 10- 12	NOT UC/CSU Approved
This High School course requires counselor approval.				

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Integrated Math II B 3712B	2 semesters	Grades 10 - 12	NOT UC/CSU Approved
This course is designed to provide instruction in the Integrated Math 2, semester 2 curriculum, in a year long format. Course is designed for students who need modifications and/or accommodations.			
Integrated Math II 3712	2 semesters	Grades 9 - 12	UC/CSU Approved
The Mathematics II course focuses on quadratic expressions, equations, and functions and on comparing the characteristics and behavior of these expressions, equations, and functions to those of linear and exponential relationships from Mathematics I.			
Integrated Math II Honors College Prep 3718HP	2 semesters	Grades 9-12	UC/CSU Approved
Integrated Math II Enhanced College Prep is an accelerated, college prep math course. This scope and sequence for this course contains the remaining Integrated II standards, not taught in the previous course, and part of Integrated III standards. Prerequisite: Integrated I HP. (Not weighted)			
Integrated Math III 3713	2 semesters	Grades 9-12	UC/CSU Approved
In the Mathematics III course, students expand their repertoire of functions to include polynomial, rational, and radical functions. They bring together all of their experience with functions and geometry to create models and solve contextual problems. Prerequisite: Integrated Math II			
Integrated Math III Honors College Prep 3719HP	2 semesters	Grades 9-12	UC/CSU Approved
Integrated Math III Enhanced College Prep is an accelerated, college prep math course. This course includes the remaining Integrated III standards not taught in Integrated II HP as well as pre-calculus standards. (Not weighted) Prerequisite: Integrated II HP.			
Mathematical Reasoning with Connections 3650	2 semesters	Grades 12	UC/CSU Approved
Mathematical Reasoning with Connections (MRWC) is designed as a California State Standards aligned 4th year mathematics course. It highlights overarching themes in mathematics which provide a bridge into multiple college and careers options. Prerequisite: Integrated III or Integrated III HP with a "C" or better.			
Pre-Calculus 3652	2 semesters	Grades 10-12	UC/CSU Approved
This course is designed to build on Integrated II and Integrated III concepts and to prepare the students to go on to Calculus. Prerequisite: Integrated III or equivalent			
Pre-Calculus HP (Honors) 3654	2 semesters	Grades 10-12	UC/CSU Approved
This course will challenge and provide a background for advanced mathematics. Prerequisite: Integrated III HP or equivalent. (Weighted GPA)			
Basic Statistics 3672	2 semesters	Grades 11-12	NOT UC/CSU Approved
This is an introductory course in statistics designed to provide students with the basic concepts of data analysis and statistical computing. Topics covered include basic descriptive measures, measures of association, probability theory, confidence intervals, and hypothesis testing.			

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Statistics CP 3674	2 semesters	Grades 11-12	UC/CSU Approved
This is a college preparatory course which introduces the students to descriptive analysis and presentation of single variable data and bivariate data. Students who successfully complete this two semester course will be prepared to apply statistical thinking skills for daily living.			
AP Statistics 3675	2 semesters	Grades 11-12	UC/CSU Approved
This college preparatory course is provided by the College Board. Students learn about the major concepts and tools used for collecting, analyzing, and drawing conclusions from data. Students explore statistics through discussion and activities, and design surveys and experiments. Prepares students for the national AP exam. Prerequisite: Integrated Math III or Integrated Math III HP. (Weighted GPA)			
AP Calculus AB 3655	2 semesters	Grades 11-12	UC/CSU Approved
This college preparatory course is provided by the College Board. Students explore the concepts, methods, and applications of differential and integral calculus. Students work to understand the theoretical basis and solve problems by applying their knowledge and skills. Prepares students for the national AP exam. Prerequisite: Pre-calculus or Integrated III HP (Weighted GPA)			
AP Calculus BC 3657	2 semesters	Grades 11-12	UC/CSU Approved
This college preparatory course is provided by the College Board. Students explore the concepts, methods, and applications of differential and integral calculus, including topics such as parametric, polar, and vector functions, and series. Students perform experiments and investigations and solve problems by applying their knowledge and skills. Prepares students for the national AP exam. Prerequisite: AP Calculus AB. (Weighted GPA)			
Functional Math 3050	2 semesters	Grades 9-12	
This high school math course requires counselor approval.			
Math SHAd 3051	2 semesters	Grades 12 and above	
This high school math course requires counselor approval.			
<u>MATHEMATICS ELECTIVE CLASSES</u>			
Business Mathematics 3214	2 semesters	Grades 11-12	UC/CSU Approved
This college preparatory course will guide students in building a strong foundation in logical thinking and problem-solving in order to make good decisions concerning money matters in their daily lives. Course G Elective.			
Introduction to Computer Science 9420	2 semesters	Grades 9-12	UC/CSU Approved
This year-long course provides an introduction to computer programming that prepares students for AP Computer Science A or for STEM related coursework in college. This course addresses real world problem solving by developing computational thinking skills to create useful algorithms. Application-related labs allow students to demonstrate appropriate problem solving skills.			
AP Computer Science A 9401	2 semesters	Grades 10-12	UC/CSU Approved
This college preparatory course is provided by the College Board. Students get familiar with the concepts and tools			

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of computer science as you learn a subset of the Java programming language. Students do hands-on work to design, write, and test computer programs that solve problems or accomplish tasks. Prepares students for the national AP exam. Prerequisite: Introduction to Computer Science. **(Weighted GPA)**

AP Computer Science Principles 9410	2 semesters	Grades 10-12	UC/CSU Approved
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AP Computer Science Principles is a PLTW Course that introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity, and how computing impacts our world. Python is the language focused on in this course. This course is the following course for AP Computer Science A which is offered under Mathematics for math credit(# 9401) **(Weighted GPA)**

Real World Business Math 3215	2 semesters	Grade 12	NOT UC/CSU Approved
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This High School course requires counselor approval.

SCIENCE: UC/CSU Approved - Subject Area: D

Any student planning to fulfill the UC/CSU Approved Science requirement needs to complete two years of College Preparatory (CP) Science courses which are A-G approved and meet admission criteria at California State University and the University of California. All Science courses have been aligned to the Next Generation Science Standards. Students enrolled in Advanced Placement (AP) courses are expected to take the corresponding AP exam at the conclusion of the course and a passing score may enable the student to receive college credit. AP courses receive weighted grades. Honors courses are offered in Grades 7-11. High School Honors courses that receive a weighted grade in the UC application are clearly identified as such. Please note the GPA weight indication at the end of each course description.

Weighted grades are as follows: "A" = 5 B= 4 C= 3. "D" grades or lower are not weighed.

Functional Science 4000	2 semesters	Grades 7-8	
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This middle school course requires counselor approval.

NGSS Science 7 4025	2 semesters	Grade 7	
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This course requires counselor approval.

NGSS Science 7 GE 4013	2 semesters	Grade 7	
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This course includes NGSS content for 7th grade such as: From Molecules to Organisms: Structures and Processes, Ecosystems: Interactions, Energy and Dynamics, History of Earth: Earth's systems, Matter and its Interactions, Earth and Human Activity, Engineering Design; Human Activities help sustain biodiversity and ecosystem services in a changing world.

NGSS Science 7 Honors 4027	2 semesters	Grade 7	
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While the content is similar to the course above, the Honors 7th grade course includes advanced discussions, projects and research.

NGSS Science 8 4045	2 semesters	Grade 8	
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This course requires counselor approval.

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NGSS Science 8 GE 4031	2 semesters	Grade 8	
This course includes NGSS content for 7th grade such as: include objects move and collide; noncontact forces influence phenomena locally and in the solar system; and evolution explains life's unity and diversity.			
NGSS Science 8 Honors 4047	2 semesters	Grade 8	
While the content is similar to the course above, the honors 8th grade course includes advanced discussions, projects and research.			
Anatomy/Physiology Honors Prep 4455	2 semesters	Grades 11-12	UC/CSU Approved
Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. UCOP D Science / Biology / Life Science (Weighted GPA)			
AP Biology 4245	2 semesters	Grades 11-12	UC/CSU Approved
AP Biology is a course that is equivalent to the first year of college biology for majors. The key concepts and related content are organized around four underlying principles called the big ideas. These big ideas encompass the core scientific principles, theories and processes governing living organisms and biological systems. Each big idea contains enduring understandings which incorporate the core concepts that you should retain from the learning experience. The enduring understandings are based on essential knowledge which is the supportive content that is necessary for understanding and connecting the big ideas and enduring understandings. The essential knowledge is made of the learning objectives or what you should know, and the science practices or the investigative skills you should be able to do. UCOP D Science / Biology / Life Science (Weighted GPA)			
AP Chemistry 4302	2 semesters	Grade 11-12	UC/CSU Approved
This college preparatory course is provided by the College Board. Students learn about the fundamental concepts of chemistry including structure and states of matter, intermolecular forces, and reactions. Students do hands-on lab investigations and use chemical calculations to solve problems. Students are recommended to save lab notebooks and reports; colleges may ask to see them before granting you credit. Prepares students for the national AP exam. Prerequisite: Integrated Math II. UCOP D Science / Chemistry (Weighted GPA)			
AP Physics 1 4435	2 semesters	Grade 9-12	UC/CSU Approved
This college preparatory course is provided by the College Board. Students learn about the foundational principles of physics as you explore Newtonian mechanics; work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Students will do hands-on laboratory work to investigate phenomena. Students are recommended to save lab notebooks and reports; colleges may ask to see them before granting you credit. Prepares students for the national AP Exam. UCOP D Science / Physics (Weighted GPA)			
Conceptual Physics 4428	2 semesters	Grade 9	UC/CSU Approved
This is a physical science course in the discipline of physics that follows the NGSS standards integrating physics with the discipline of Earth and Space Science. This course will build upon student learning in the three-dimensions of CA NGSS (Science and Engineering Practices, Disciplinary Core Ideas, and Crosscutting Concepts) as a continuation from their TK-8 learning. UCOP D Science / Physics			

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General Earth Science 4146	2 semesters	Grades 9-12	NOT UC/CSU Approved
This 9th grade high school course requires counselor approval.			
NGSS Biology 4228	2 semesters	Grade 9	NOT UC/CSU Approved
This 10th high school course requires counselor approval.			
NGSS Biology: The Living Earth 4231	2 semesters	Grade 9-12	UC/CSU Approved
NGSS Biology: The Living Earth is a college preparatory, lab science class aligned with the Next Generation Science Standards (NGSS). In this class, students deepen their understanding of biological core ideas, building off of their experiences and prior knowledge. UCOP D Science / Biology / Life Science			
NGSS Biology: The Living Earth Honors 4237HP	2 semesters	Grade 9	UC/CSU Approved
NGSS Biology: The Living Earth HP is a college preparatory, lab science class aligned with the Next Generation Science Standards (NGSS). In this class, students deepen their understanding of biological core ideas, building off of their experiences and prior knowledge. This course integrates an intensive laboratory component that consists of both classroom labs and practical field studies, and building student competency in science practices and cross cutting concepts. UCOP D Science / Biology / Life Science			
NGSS Chemistry in the Earth's System 4301	2 semesters	Grade 10-12	UC/CSU Approved
Chemistry is a rigorous, first year chemistry course designed to prepare students for further study at the college level. It is designed around the Chemistry in the Earth System course as outlined in the HS Three Course Model in the California Department of Education NGSS. Prerequisites: NGSS Biology: The Living Earth and Integrated I.			
NGSS Chemistry in the Earth's System HP 4316	2 semesters	Grade 10-12	UC/CSU Approved
Chemistry is a rigorous, fast paced first year course designed to prepare students for further study at the college level. It is designed around Chemistry in the Earth System as outlined in the HS Three Course Model in the California Department of Education NGSS. Prerequisites: NGSS Biology HP and Integrated I. (Weighted GPA)			
NGSS Physics of the Universe 4423	2 semesters	Grade 11-12	UC/CSU Approved
This course is part of the three course model for integrated science, meeting the California state standards. It is an introductory physics course designed to prepare students for physics concepts on a college level. This course includes the physical nature of matter, forces between objects, conservation of momentum and the nature and uses of waves. Prerequisite: NGSS Chemistry in the Earth's System or NGSS Chemistry in the Earth's System HP and Integrated II.			
Microbiology HP 4513	2 semesters	Grade 11-12	UC/CSU Approved
In this year-long course, students will study the microorganisms which are commonly called "germs." In other words, all the living things that are too small to see yet surround us constantly. The coursework will be in the areas of bacteria, viruses, fungi, protozoa, and algae.			
Physical Science I 4212	2 semesters	Grades 11-12	UC/CSU Approved
Physical Science offers a focused curriculum designed around the understanding of critical physical science concepts, including the nature and structure of matter, the characteristics of energy, and the mastery of critical			

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scientific skills. Topics include an introduction to kinematics, including gravity and two-dimensional motion; force; momentum; waves; electricity; atoms; the Periodic Table of Elements; molecular bonding; chemical reactivity; gases; and an introduction to nuclear energy. Teacher-graded labs encourage students to apply the scientific method.

Physics HP 4405

2 semesters

Grade 11-12

UC/CSU Approved

This college preparatory course provides an understanding of the principles of mechanical, fluid, electrical, and thermal systems, and the mathematics associated with them. Problem-solving skills, both on paper and in the lab, are emphasized. Students enrolled should have successfully completed the Integrated Science Course and Algebra II and should currently be enrolled in Pre-Calculus or Statistics. This course is aligned to the California State Standards in Physics.

SCIENCE ELECTIVES

Aerospace Engineering (PLTW) 4261

2 semesters

Grades 11-12

UC/CSU Approved

This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. UCOP D Science / Engineering

AP Environmental Science 4185

2 semesters

Grades 11-12

UC/CSU Approved

This college preparatory course is provided by the College Board. Students explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. Students take part in laboratory investigations and field work. Students are recommended to save lab notebooks and reports; colleges may ask to see them before granting you credit. Prepares for the national AP exams. UCOP D Science / Interdisciplinary Science (**Weighted GPA**)

Computer Science Principles (PLTW) 9422

2 semesters

Grade 10- 12

UC/CSU Approved

Using python and algorithms, students will learn, explore and research career paths that utilize computing as a component for success. Students will work collaboratively to develop apps and simulations. UCOP D Science /Computer Science.

Earth Science GE 4142

2 semesters

Grades 9-12

NOT UC/CSU Approved

Earth Science is a course that introduces students to the Earth and the intricate workings of our Earth's systems. Weather, oceanography, volcanoes, earthquakes, rocks and minerals, environmental issues, and astronomy are all covered as part of this class.

Marine Biology & Ecology HP 4234

2 semesters

Grades 11-12

UC/CSU Approved

Marine Biology & Ecology is an advanced level lab science course providing students with an in-depth study of the marine environment and its organisms, and the physical, chemical and geological characteristics of the Earth's ocean.

Principles of Biomedical Science - PLTW 4252

2 semesters

Grades 9-12

UC/CSU Approved

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged

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the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Biomedical Innovations - PLTW 4253	2 semesters	Grade 12	UC/CSU Approved
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Biomedical Innovations is the final course in the sequence. Students use knowledge gained from previous courses to design innovative solutions for health challenges in the 21st century. Topics range from public health and biomedical engineering to clinical medicine and physiology.

Human Body Systems- PLTW 4290	2 semesters	Grades 10-12	UC/CSU Approved
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In this second year course in the Biomedical Science program, students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues, use data acquisition software to monitor body functions such as muscle movement, reflex and respiration, and take on the roles of biomedical professionals to solve real-world. UCOP D lab Science, Life Science

Introduction to Engineering Design 9812	2 semesters	Grades 10 -12	UC/CSU Approved
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This two-semester elective course is intended as a practical, hands-on guide to help students explore careers in engineering and technology, and identify what knowledge and skills they will need for success in these careers. UCOP D Science / Engineering.

Medical Interventions- PLTW 4251	2 semesters	Grades 11-12	UC/CSU Approved
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This is the third course offered in the PLTW Biomedical Science Pathway. Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA, evaluate cancer treatment options, and prevail when the organs of the body begin to fail. Through real world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Biomedical Innovations- PLTW 4250	2 semesters	Grades 9-12	UC/CSU Approved
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In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills to design innovative solutions for pressing 21st century health challenges. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

Forensic Science and Investigation 4552	2 semesters	Grades 11-12	UC/CSU Approved
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This college preparatory course introduces students to various facets of science and math in life. This course is designed to intrigue the minds of students who may be less interested in science because they've never been able to apply science to real life situations and entice them into the science field of study.

Medical Pathology 4270	2 semesters	Grades 11-12	UC/CSU Approved
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This course presents the pathophysiology and management of common diseases and other medical disorders or disabilities as they relate to children, adults and geriatrics. Pertinent to students seeking a career in nursing and general medicine.

Medical Interventions PLTW 4251	2 semesters	Grades 11-12	UC/CSU Approved
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This course provides students with experience how to prevent, diagnose, and treat disease. Students will explore immunology, surgery, genetics, pharmacology, medical devices and diagnostics.

Principles of Engineering 9814	2 semesters	Grades 10-12	UC/CSU Approved
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Principles Of Engineering (POE) is a high school-level survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a post secondary engineering course of study. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills based upon engineering concepts. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. PLTW UCOP Science D / Engineering

Functional Science 4000	2 semesters	Grades 9-12	
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This high school course requires counselor approval.

Science SHAd 4001	2 semesters	Grades 12+	
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This high school science course requires counselor approval.

LANGUAGE OTHER THAN ENGLISH: UC/CSU Approved - Subject Area: E

The study of a foreign language requires serious commitment to completing homework and maintaining active daily in-class participation to acquire the necessary skills to advance to the next level of instruction. It is strongly recommended that students feel confident that they have acquired the skills and proficiency at one level before advancing to the next year. Enrollment into an intermediate or advanced foreign language course may also be determined by an assessment of the student's proficiency level by the World Language Department. All courses with an AP designation are acceptable at California State University and the University of California. Any student planning to fulfill the UC/CSU Approved Foreign Language requirement needs to complete one year of College Preparatory (CP) World Language course which is A-G approved and meets admission criteria at California State University and the University of California. Students enrolled in Advanced Placement (AP) courses are expected to take the corresponding AP exam at the conclusion of the course; a passing score may enable the student to receive college credit. AP courses receive weighted grades. High School Honors courses that receive a weighted grade in the UC application are clearly identified as such. Please note the GPA weight indication at the end of each course description. Weighted grades are as follows: "A" = 5 "B"= 4 "C"= 3. "D" grades or lower are not weighed.

Introduction to Spanish MS 2606	2 semesters	Grades 7 - 8	
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This is an introductory college preparatory language course for students wishing to develop their fundamental speaking, listening, reading and writing skills in Spanish at the middle school level.

Spanish for Spanish Speakers A	2 semesters	Grade 7	
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This is an introductory high school preparatory language course designed for native speakers of Spanish. Course will enable students to develop their fundamental reading and writing skills and is roughly equivalent to the first semester of Spanish for Spanish Speakers I at the high school.

Spanish for Spanish Speakers B	2 semesters	Grades 7-8	
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This high school preparatory course is designed for native speakers of Spanish to further develop their reading and writing skills. This course will prepare students for Spanish for Spanish Speakers II in high school.			
French I 2712	2 semesters	Grades 9-11	UC/CSU Approved
This is an introductory college preparatory language course for students wishing to develop their fundamental speaking, listening, reading and writing skills in French.			
French II 2714	2 semesters	Grades 10-12	UC/CSU Approved
This college preparatory language course is designed for students who have completed French I, to further develop their speaking, listening, reading and writing skills in French.			
French III 2716	2 semesters	Grades 11-12	UC/CSU Approved
This college preparatory language course is designed for students who have completed French I and II.			
French IV 2718	2 semesters	Grades 11-12	UC/CSU Approved
This college preparatory language course is designed for students who have completed French I, II, and III to further develop their speaking, listening, reading and writing skills in preparation for further college study.			
German I 2752	2 semesters	Grades 9-11	UC/CSU Approved
This first year German course is an elementary German course that will introduce the student to the German language using both written and oral communication modes. Students will explore German culture, geography, literature, telling time, and math as they learn the necessary vocabulary and rules of grammar they will need to communicate effectively in German.			
German II 2754	2 semesters	Grades 10-12	UC/CSU Approved
This second-year German course builds upon the content covered in German I. In this course, students will gain increased familiarity with the history, culture, and language of German-speaking countries. Students will review the basic concepts of first-year German and build on that foundation to develop increased skills and fluency in reading, writing, speaking, and listening.			
Spanish I 2612	2 semesters	Grades 9-11	UC/CSU Approved
This is an introductory college preparatory language course for students wishing to develop their fundamental speaking, listening, reading and writing skills in Spanish.			
Spanish II 2622	2 semesters	Grades 10-12	UC/CSU Approved
This college preparatory language course is designed for students who have completed Spanish I, to further develop their speaking, listening, reading and writing skills in Spanish.			
Spanish I for Spanish Speakers 2662	2 semesters	Grades 9 - 11	UC/CSU Approved
This is an introductory college preparatory course language course for native speakers of Spanish to develop their fundamental reading and writing skills.			
Spanish II for Spanish Speakers 2664	2 semesters	Grades 9 - 12	UC/CSU Approved

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This college preparatory course language is designed for native speakers of Spanish to further develop their reading and writing skills. This course will prepare students to continue in Spanish III, Spanish III Honors and AP.

Spanish III 2632	2 semesters	Grades 9 - 12	UC/CSU Approved
A thorough review of Spanish I and II is given. Students are taught to master the essentials of grammar and syntax. conversation is stressed. An introduction to Spanish literature is included.			
Spanish III Honors 2635	2 semesters	Grades 9 - 12	UC/CSU Approved
Spanish III Honors will challenge students to acquire the complexities of the language. Cultures will be explored and analyzed through a variety of literary works including poetry, short story, essay, news articles. (Weighted GPA)			
Spanish IV 2642	2 semesters	Grades 10-12	UC/CSU Approved
This course is designed for students wishing to refine and enhance the language skills and cultural knowledge acquired in the prior years of study. While it is expected that students have been introduced to many of the main concepts of Spanish grammar, students will continue to review and practice these concepts in the context of conversation, reading, and writing. New concepts introduced in level 4 are the perfect tenses, and the subjunctive and imperfect subjunctive moods. Student will improve their listening and reading skills, as well as their written and oral expression.			
AP Spanish IV Language 2645	2 semesters	Grades 9-12	UC/CSU Approved
This course is offered by the College Board. Students develop your Spanish language skills and learn about the cultures in Spanish-speaking parts of the world. Students practice communicating in Spanish and study real-life materials such as newspaper articles, films, music, and books. Prepared for the AP exams. (Weighted GPA)			
AP Spanish V Literature 2655	2 semesters	Grades 10-12	UC/CSU Approved
This course is offered by the College Board. AP Spanish Literature is equivalent to a college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language as well as critical reading and analytical writing as they explore short stories, novels, plays, essays, and poetry from Spain, Latin America, and U.S. Hispanic authors along with other non-required texts. Prepared for the AP exams. (Weighted GPA)			

PHYSICAL EDUCATION/HEALTH

The Victor Valley Union High School District and California State Education Policies state that 20 credits (2 years) of physical education must be completed with a passing grade to meet graduation requirements. Each semester is worth 5 credits. Ten (10) credits must be taken during the 9th grade, and the remaining credits may be taken during any of the 10th, 11th, or 12th grades. A student may take additional Physical Education elective credits, up to a maximum of 40 credits applying toward graduation, as long as there is space available in the class. Priority is given to students who have not completed their P.E. requirements. Students may take no more than two (2) P.E. classes per semester unless authorized by the principal. The basis for the two (2) year physical education program is composed of five basic emphases: physical fitness and wellness; movement skills and movement knowledge; social development and interaction; self-image, self-esteem, and self-realization; and individual excellence. Sports P.E. is reserved for students who are athletes on a High School sports team and requires written approval from the coach of that team, athletic director, head counselor and P.E. department chair.

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Adapted Physical Education MS 6077	2 semesters	Grade 7 - 8	
This course requires counselor approval. Repeat Credit			
Aerobics Middle School 6408	2 semesters	Grade 7- 8	
This course is designed for students in grades 7 and 8 to provide them with a specialized choice of wellness. This course lays the foundation for life-long fitness, stress reduction and healthier physical and emotional lifestyles. Should be taken concurrently with grade 7 or 8 PE.			
Physical Education 7 6044	2 semesters	Grade 7	
Physical Education grade 7 provides students the opportunity to learn through a developmentally appropriate, comprehensive sequentially planned, physical education program aligned with the Physical Education Model Content Standards for California.			
Physical Education 8 6046	2 semesters	Grade 8	
Physical Education grade 8 provides students the opportunity to learn through a developmentally appropriate, comprehensive sequentially planned, physical education program aligned with the Physical Education Model Content Standards for California.			
Outdoor Education MS 6800	2 semesters	Grade 7- 8	
Outdoor Education explores the natural environment including animal lifestyles and biomes. This course is an elective course taught through the physical education department.			
Adapted Physical Education HS 6078	2 semesters	Grade 9 - 12	
This high school course requires counselor approval.			
Physical Education 9, Beginning 6048	2 semesters	Grade 9	
Physical Education 9 is a state requirement for all grade 9 students. The course provides students the opportunity to learn through a comprehensive, developmentally appropriate, physical education program aligned with the Physical Education Model Content Standards for California.			
Physical Education 10-12 Advanced 6050	2 semesters	Grade 10-12	
PE grade 10-12 course provides students the opportunity to learn through a developmentally appropriate, comprehensive sequentially planned program aligned with the CA Physical Education Model Content Standards.			
Weight Training 6404	2 semesters	Grade 10-12	
This course satisfies the second year of the Physical Education graduation requirement for 10 credits in physical education. This course is designed for athletes in grades 10-12, who are part of a JV or Varsity athletic team. Verified by Head coach/athletic director. Prerequisite: Beginning PE #6048			
Aerobics for Juniors and Seniors 6406	2 semesters	Grades 11-12	
This course is designed for students in grades 11 and 12 to provide them with a specialized choice of wellness. This course lays the foundation for life-long fitness, stress reduction and healthier physical and emotional lifestyles.			

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Prerequisite: two years of high school PE. Course may be repeated for elective credit.			
Baseball 6312	1 semester	Grades 10-12	
This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. This course is designed for athletes in grades 10-12, part of a JV or Varsity baseball team, verified by Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.			
Boys Basketball 6332	1 semester	Grades 10-12	
This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. . This course is designed for athletes in grades 10-12, part of a JV or Varsity basketball team, verified by Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.			
Girls Basketball 6334	1 semester	Grades 10-12	
This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. This course is designed for athletes in grades 10-12, part of a JV or Varsity basketball team, verified by Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.			
Football 6322	1 semester	Grades 10-12	
This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. . This course is designed for athletes in grades 10-12, part of a JV or Varsity football team, verified by the Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.			
Softball 6314	1 semester	Grades 10-12	
This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. . This course is designed for athletes in grades 10-12, part of a JV or Varsity softball team, verified by the Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.			
Tennis 6362	1 semester	Grades 10-12	
This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. . This course is designed for athletes in grades 10-12, part of a JV or Varsity tennis team, verified by the Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.			
Track & Field 6342	1 semester	Grades 10-12	
This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. . This course is designed for athletes in grades 10-12, part of a JV or Varsity track team, verified by Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.			
Volleyball 6372	1 semester	Grades 10-12	
This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. . This course is designed for athletes in grades 10-12, part of a JV or Varsity volleyball team, verified by Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.			
Wrestling 6352	1 semester	Grades 10-12	

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This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education. . This course is designed for athletes in grades 10-12, part of a JV or Varsity baseball team, verified by Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.

Physical Education Athletics 6300

1 semester

Grades 10-12

This course satisfies the second year Physical Education graduation requirement for up to 10 credits in physical education for all other sports teams on the school campus. This course is designed for athletes in grades 10-12, part of a JV or Varsity baseball team, verified by Head coach/athletic director. Prerequisite: Beginning PE #6048 Course may be repeated for elective credit.

VISUAL AND PERFORMING ARTS: UC Requirement F

Courses in art are designed for all students. Courses designated UC/CSU Approved meet the UC subject "F" requirement for admissions. Any student planning to fulfill the UC/CSU Approved VAPA requirement needs to complete one year of College Preparatory (CP) courses that are A-G approved and meet admission criteria at California State University and the University of California. Students enrolled in Advanced Placement (AP) courses are expected to take the corresponding AP exam at the conclusion of the course and a passing score may enable the student to receive college credit. AP courses receive weighted grades. Honors courses are offered in Grades 7-11. High School Honors courses that receive a weighted grade in the UC application are clearly identified as such. Please note the GPA weight indication at the end of each course description. Weighted grades are as follows: "A" = 5 "B"= 4 "C"= 3. "D" grades or lower are not weighted.

VISUAL ARTS

Art MS 8100

2 semesters

Grades 7-8

This middle school beginning level art class is designed to help improve students' basic art skills; drawing, painting and sculpting, design artwork using a variety of media and techniques, develop students' creativity and self-expression, and recognize and use the art elements (line, shape, color, value, form, texture and space), and design principles (rhythm, balance, proportion, variety, emphasis, harmony and unity).

Art Through The Ages MS 8020

2 semesters

Grades 7-8

This course will focus on learning history, and how art influences history, through project-based lessons involving the different styles of 2-d and 3-d arts and crafts.

Arts & Crafts MS 8108

2 semesters

Grades 7-8

This course is an exploratory art course for middle school that will allow students to create arts and crafts that relate to significant art history periods.

Digital Photo Exploration 9722

2 semesters

Grades 7-8

This course provides students with an opportunity to explore occupations that embrace the use of visual art, materials and digital media tools as the primary means of communication and expression. Students will also learn current workplace practices and apply real works techniques.

Funct Fine Arts 8000

2 semesters

Grades 7-8

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This middle school arts class requires counselor approval.			
AP Art History 8148	2 semesters	Grades 10-12	UC/CSU Approved
This course is offered by the College Board. Students explore the history of art across the globe from prehistory to the present. Students analyze works of art through observation, discussed. Students will respond to and interpret art in this course which is structured around big ideas and essential questions of the AP Art History Course and Exam Description. Students are prepared for the AP exam. (Weighted GPA)			
AP Studio Art 2D 8145	2 semesters	Grades 10-12	UC/CSU Approved
This college-level course will prepare students for the Advanced Placement Examination in 2D Art and Design, following the syllabus of the College Board. (Weighted GPA)			
Art I 8112	2 semesters	Grades 9-12	UC/CSU Approved
A fundamental course intended to give the student a variety of art experiences and develop personal expression and creativity. Students will further their skills in the art making process and work toward improving craftsmanship. The purpose of this course is to introduce students to a shared common visual language. To provide the foundation and fundamentals necessary to move on to higher level art courses.			
Art II 8114	2 semesters	Grades 10-12	UC/CSU Approved
This is a college preparatory course that focuses on a wide variety of studio projects that are based on selected artworks, artists, cultural and historical phenomena, criticism and aesthetics. Art II further explores a wide spectrum of media to include drawing, painting, collage, sculpture paper maché and printmaking. Students enrolled should have successfully completed Art I.			
Art III 8116	2 semesters	Grades 10-12	UC/CSU Approved
This is a college preparatory course for students who are seriously interested in the practical experience in art. This is a one-year course that involves a rigorous study of the elements and principles of art. The focus is primarily on classic studio instruction using drawing as a method. A structured portfolio is due at the end of the year. Students should have successfully completed Art I or Art II			
ART IV 8118	2 semesters	Grades 10-12	UC/CSU Approved
This is a college preparatory course for students who are seriously interested in the practical experience in art. This is a one-year course that involves a rigorous study of the elements and principles of art. The focus is primarily on classic studio instruction using drawing as a method. A structured portfolio is due at the end of the year. Students should have successfully completed Art III.			
Broadcast and Production 9091	2 semesters	Grades 9-12	UC/CSU Approved
Broadcast and Production provides students the opportunity to explore occupations that involve the use of news, materials and digital media tools as the primary means of communication and expression. Students will learn basic skills such as lighting and camera techniques. This course will prepare students for the Arts, Media and Entertainment Pathway.			
Broadcast and Production II 9093	2 semesters	Grades 10-12	UC/CSU Approved
Broadcast and Production II is a continuation course from Broadcast and Production and will offer students the			

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opportunity to continue their exploration of occupations and increase mastery in skills and techniques gained in the prior course. The course emphasizes leadership and increased production roles of news broadcasts. This course prepares students for success in the Arts, Media, and Entertainment industry sector.

Ceramics I 8242	2 semesters	Grades 9-12	UC/CSU Approved
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This college preparatory course explores a variety of ceramic sculptural experiences as well as emphasizes traditional utilitarian objects. Form and Function are highlighted during the course and consideration is given how ceramics and related arts have profoundly influenced mankind's cultural, social and economic development. This course is aligned to the California State Standards of the Visual and Performing Arts.

Ceramics II 8244	2 semesters	Grades 10-12	UC/CSU Approved
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This college preparatory course is intended to improve students' skills and develop creative expression in both functional and nonfunctional ceramics projects. This course is a more self-guided course. Students are to create a plan of study and write a contract listing their intended projects. Students will work toward improving craftsmanship and understanding of process. Students are required to purchase a shop card to help offset the cost of art materials that will be used in class.

Drawing and Painting 8132	2 semesters	Grades 9-12	NOT UC/CSU Approved
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This art course focuses on 2 dimensional media. Students will continue to explore the elements and principles of art, current and past practicing artists, technique, and concept as it pertains to art making. A variety of 2 dimensional media will be explored including but not limited to, pencil, charcoal, pastels, acrylics, watercolors, etc.

Drawing I 9750	2 semesters	Grades 9-12	UC/CSU Approved
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This course is intended to give students a variety of art experiences and develop personal expression and creativity. There is an emphasis on the elements and principles of design. Students work toward improving craftsmanship and building a portfolio for their future study in art. Students are required to purchase a shop card to help offset the cost of art materials that will be used in the class.

Painting I 8134	2 semesters	Grades 9-12	UC/CSU Approved
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This course provides a foundation in painting in a variety of media and techniques or may concentrate in one media such as watercolor, oil, painting, or acrylics. The course emphasizes observation, interpretation of the visual environment, as well as drawing from the imagination.

Photo I 9714	2 semesters	Grades 9-12	UC/CSU Approved
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This is an introductory course for students interested in black and white photography. Basic instructions on camera handling, film and print developing. The emphasis will be on photography as art and on the darkroom process. Students must provide a 35 millimeter camera, black and white film, and paper.

Photo II 9716	2 semesters	Grades 9-12	UC/CSU Approved
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This is an advanced course for students interested in photography. The emphasis will be on photography as art and composition. A shop fee is required.

Sculpture 8200	2 semesters	Grades 9-12	UC/CSU Approved
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This course promotes creative expression through three-dimensional form. Students explore sculpture through

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subtractive (carving), additive (modeling), and assemblage techniques in a variety of media such as wood, clay, plaster, plastics, and metal. Included is application of the elements and principles of design, a study of historical and contemporary art and artists from a world-wide perspective, etc.

Yearbook Digital Media Communications & Marketing 1692	2 semesters	Grades 9-12	UC/CSU Approved
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Yearbook Design is a year-long course designed to have students understand the role of visual art and design, and its impact on society and culture, particularly in publication mediums. The course will focus on students understanding a designer's target audience and stimulating creativity through a variety of two-dimensional media. Then, students will apply this artistic process to create designs for the yearbook publication.

Funct Fine Arts 8000	2 semesters	Grades 9-12	
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This high school arts class requires counselor approval.

PERFORMING ARTS (DRAMA)

Drama Middle School 1402	2 semesters	Grades 7-8	
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The purpose of Drama is to introduce the student to the many faceted aspects of theater arts: history, play reading, acting styles, improvisation, pantomime, monologue and dialogue,

Theater Arts Exploration 8646	2 semesters	Grades 7-8	
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This is a middle school introductory course in the Professional Theater pathway, designed to integrate technical preparation, focus on career awareness, career exploration, and skill perpetration for the Arts. Media & Entertainment industry.

Advanced Drama & Stage Performance 1404	2 semesters	Grades 11-12	
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This course offers in-depth theater studies in the areas of theater history, theater and acting genres, and emotional work. Students are expected to have an extensive knowledge of the basics of theater (terms, stage areas, acting guideposts, etc.). Emphasis for this course is placed on intense emotional work, and comfort levels of performance in front of large audiences. **Repeat Credit**

Drama I 1412	2 semesters	Grades 9-12	UC/CSU Approved
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The purpose of Drama 1 is to introduce the student to the many faceted aspects of theater arts: history, play reading, acting styles, improvisation, pantomime, monologue and dialogue, character analysis, stagecraft, and critical audience appreciation.

Drama II 1422	2 semesters	Grades 10-12	UC/CSU Approved
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Improvisation, creative dramatics, and beginning scene work are used to help students further develop their acting and character development skills. Incorporation of other art forms in theatre. Students additionally learn about the organizational structure of theatre and theatre literature.

Drama III 1431	2 semesters	Grades 11-12	UC/CSU Approved
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In this advanced course in Drama, students will have the opportunity to hone skills acquired in Drama I and Drama II as they prepare to apply these skill sets to their college and career goals.

COURSE CATALOG-2020-2021

Stagecraft Construction 1406	2 semesters	Grades 9-12	
This course provides instruction and training for students interested in stagecraft construction and technology. Students that achieve competency in this course will obtain entry-level skills in stagecraft construction and will be prepared for entry-level employment for positions such as a stagehand, light technician, sound technician and set decorator. Instruction and practical experience includes stage construction and sound and lighting technology, stage architecture and stage design elements. Students will receive elective credit.			
Technical Theater I 8648	2 semesters	Grades 9-12	UC/CSU Approved
This is a concentrator course in the production and managerial arts-stage technology pathway, designed to integrate academic and technical preparation, focus on career exploration and skill preparation.			
Technical Theater II 8650	2 semesters	Grades 10-12	UC/CSU Approved
This is a project based learning, hands-on course. Students will design and create all technical aspects for numerous theatrical productions. This course builds on the knowledge of essential theater vocabulary and an understanding of roles and responsibilities of a theater production team.			
Theater Arts I 8501	2 semesters	Grades 9-12	UC/CSU Approved
Theatre Arts I is a concentrator course in the Performing Arts- Professional Theatre pathway, designed to integrate academic and technical preparation, focus on career awareness, career exploration and skill preparation for the entertainment industry. Through project based learning, hands on, highly engaging activities, students enrolled in Theatre Arts I, will engage in an overview of the art and training standards.			
Theater Arts II 8503	2 semesters	Grades 10-12	UC/CSU Approved
The course is a continuation of Theatre Arts I and continues: (1) Acting--developing dramatic elements, actions, and characterization, Playmaking and Writing--application of artistic writing skills to create original theatre pieces; and Technical Theatre--application of the elements and technology of theatrical production.			
PERFORMING ARTS (MUSIC)			
Beginning Band Middle School 8512	2 semesters	Grades 7-8	
This Beginning Band Course is designed to introduce students in the middle school in grade 7 & 8 to the basics of participating in the band program and playing instruments while using marching techniques			
Intermediate Band Middle School 8514	2 semesters	Grades 7-8	
The Intermediate Band MS is for students who already have an understanding of basic music reading, instrument assembly and maintenance, correct playing position and sound tone production. Instruction offers continued focus on the refinement of tone quality, technique, aural skills and music literacy.			
Advanced Band Middle School 8516	2 semesters	Grades 7-8	
The purpose of this course is to continue the nurture, development, and growth of the intermediate band middle school student through the art of instrumental music. Advanced band is for students that have successfully completed Beginning Band or its equivalent. The class will have a minimum of one performance per semester. Repeat Credit			

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Introduction to Piano Middle School 8507	2 semesters	Grades 7-8
This course will introduce the elements of music and how the elements are used to create musical style and genres. Emphasis is placed on learning musical theory, reading music and developing musicianship. Students will perform an end of course demonstration of learning.		
Music Appreciation Middle School 8604	2 semesters	Grades 7-8
This course gives a major emphasis on listening activities related to the structure or design of music from perceptual, creative, historical and critical viewpoints using a variety of musical forms and styles.		
Beginning Strings Middle School 8563	2 semesters	Grades 7-8
This class is designed to give beginning string players (violin, viola, cello, bass) a well-rounded music education which includes basic string pedagogy, a knowledge of music history and string orchestra repertoire. Attendance at extra rehearsals and all performances will be required.		
Beginning Guitar Middle School 8572	2 semesters	Grades 7-8
This course is for middle school students interested in a beginning level class which teaches beginning guitar techniques. The students in this class are required to perform at concerts at least two times in the school year.		
Beginning Chorus Middle School 8614	2 semesters	Grades 7-8
This course is for middle school students who wish to begin learning the skill of singing in a chorus. Students will perform music from many periods of music history and will learn to discriminate pitch, work as a group, express musical ideas as well as have an understanding of rhythm, melody, harmony, and good performance techniques.		
Intermediate Chorus Middle School 8612	2 semesters	Grades 7-8
This middle school music class consists of middle school students who are capable of studying and performing accompanied, and acappella, choral music of varying degrees of difficulty and represents a large number of styles, periods and composers. Students will expand on their knowledge of pitch, rhythm, melody, harmony, and good performance techniques.		
Advanced Chorus Middle School 8616	2 semesters	Grades 7-8
This course is for middle school students who wish to advance in their singing and performance abilities. Students will perform music from many periods of music history from early madrigals to current pop-tunes. Students will learn to discriminate pitch, work as a group, express musical ideas as well as have an understanding of rhythm, melody, harmony, and good performance techniques.		
Intermediate Orchestra MS 8556	2 semesters	Grades 7-8
The intermediate orchestra is for middle school students who already have an understanding of basic music reading, instrument assembly and maintenance, correct playing position and sound tone production. Instruction offers continued focus on the refinement of tone quality, technique, aural skills and music literacy. Similarly, select students may have the opportunity to transition to instruments that may not have been offered in previous school experiences		
Advanced Orchestra MS 8558	2 semesters	Grades 7-8

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Advanced orchestra for middle school meets daily and is one of the advanced performing instrumentals groups and composed of students on all of the major string instruments. Instruction concentrates on advanced technical and expressive skills in an ensemble-focused setting. Membership in the advanced groups is selective as advanced reading, musicianship and student responsibility are required.

Digital Music Production 8504	2 semesters	Grades 7-8
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This course will require students to use computers to create and produce their own music, while developing an understanding of music theory.

AP Music Theory 8608	2 semesters	Grades 11-12	UC/CSU Approved
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AP Music Theory is a college-level course for highly motivated students with a serious interest in music. Students will complete coursework equivalent to that of a first year college course in music theory. Successful completion of Music Theory Honors is a prerequisite for enrollment in this course. AP Music Theory is a full-year course that meets every day. Class periods will consist of lecture and written work as well as sight-singing, ear-training, and melodic and harmonic dictation practice. Students are expected to utilize the music lab to practice skills and concepts both in and outside of class. This course is designed to prepare students for the AP Music Theory Exam, and students are encouraged to take the exam in May. **(Weighted GPA)**

Band I 8522	2 semesters	Grades 9-12	UC/CSU Approved
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Band I is an introductory course for those students with limited experience with musical instruments but are interested in learning a woodwind, brass, or percussion instrument. The class will have a minimum of one performance per semester.

Band II 8524	2 semesters	Grades 9-12	UC/CSU Approved
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The purpose of this course is to continue the nurture, development, and growth of the Band II student through the art of instrumental music. Band II (Intermediate) is for students that have successfully completed Band I or its equivalent. The class will have a minimum of one performance per semester.

Band III 8526	2 semesters	Grades 10-12	UC/CSU Approved
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Band III is for students that have been highly successful in Band II or their equivalent. Also open to students that show a higher ability level on their instrument. Focuses on the Western canon of art music, (i.e. Antiquity-Renaissance, Baroque, Classical, Romantic, 20th century and Modern contemporary). The class will have a minimum of one performance per semester.

Choir I 8632	2 semesters	Grades 9-12	UC/CSU Approved
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Students will perform music from many periods of music history from early madrigals to current pop-tunes. Students will learn to discriminate pitch, work as a group, express musical ideas as well as have an understanding of rhythm, melody, harmony, and good performance techniques.

Choir II 8634	2 semesters	Grades 10-12	UC/CSU Approved
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Students will perform music from many periods of music history, from early madrigals to current pop tunes, and continue to develop their abilities to discriminate pitch, work and perform as an ensemble, and to express musical ideas with a deeper understanding of rhythm, melody, harmony, and improved performance techniques.

Choir III 8636	2 semesters	Grades 11-12	UC/CSU Approved
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COURSE CATALOG-2020-2021

An advanced vocal group, generally accompanied by a small instrumental ensemble, that performs. Student soloists (vocal and instrumental) are expected to improvise demonstrating an understanding of the harmonic structure of music performed. Sight reading is required.

Digital Music 8605	2 semesters	Grades 9-12	
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This course is for students who are interested in the creation of electronic/digital music. Students will focus on composition techniques and songwriting skills while learning computer based music and digital editing.

Guitar 8574	2 semesters	Grades 9-12	UC/CSU Approved
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Guitar is a continuation of the beginning class at middle school, or an introductory class at high school, and builds on the theory and techniques learned in the prerequisite class. The students in this class are required to perform at concerts at least four times in the school year. The literature consists of original compositions, classical solos, and multiple part songs performed in large groups.

Guitar Advanced (In Development)			
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Beginning Strings/String Orchestra I 8562	2 semesters	Grades 9-12	Not UC/CSU Approved
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This class is designed to give beginning string players (violin, viola, cello, bass) a well-rounded music education which includes basic string pedagogy, a knowledge of music history and string orchestra repertoire. Attendance at extra rehearsals and all performances will be required.

Intermediate Strings/String Orchestra II 8564	2 semesters	Grades 9-12	UC/CSU Approved
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Strings II (Intermediate) is for students that have successfully completed Strings I or its equivalent that want to continue on their instrument. Students will continue with concepts such as rhythm, intonation, tone-quality, etc.. The class will have a minimum of one performance per semester.

Jazz Ensemble 8576	2 semesters	Grades 10-12	UC/UCOP Approved
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This course is an advanced performing ensemble that concentrates on jazz music. Student soloists are expected to improvise demonstrating an understanding of the harmonic structure of the music that is played. Members may also write music for the group.

Music Theory Honors 8618	2 semesters	Grades 11-12	UC/CSU Approved
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Music Theory Honors is designed for students who are interested in learning the theories and fundamental principles that govern music performance and composition. The goal of this course is to provide students with a theoretical understanding and overview of various musical topics that will serve as a foundation for more sophisticated musical tasks. This course also provides students with an academic language to express opinions and understanding of music that they might interact with in their daily lives. Students will gain a cultural understanding of music, in addition to a theoretical understanding and will be able to make connections historically between common practices and cultural norms of the time.

Music Appreciation HS 8604HS	2 Semesters	Grades 9 - 12	UC/CSU Approved
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This course gives a major emphasis on listening activities related to the structure or design of music from perceptual, creative, historical and critical viewpoints using a variety of musical forms and styles.

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Orchestra 8552	2 semesters	Grades 10-12	UC/CSU Approved
Full Orchestra is for students that have been highly successful in Strings I or the equivalent and want to continue on their instrument. Open to students that show a higher ability level on their instrument. Students will continue their core instrument practices but also focus heavily on music history and performance. The class will have a minimum of one performance per semester.			
Orchestra Advanced 8554	2 semesters	Grades 10-12	UC/CSU Approved
Strings III (Advanced) is for students that have been highly successful in Strings I, Strings II, or their equivalent that want to continue on their instrument. Open to students that show a higher ability level on their instrument. The class will have a minimum of one performance per semester.			
Piano and Keyboarding I 8508	2 semesters	Grades 9-12	UC/CSU Approved
This course is designed to teach concepts and fundamentals needed for piano performance. Students will increase musical understanding by learning rhythms, key signatures, theory concepts, ear-training, and through ensemble performance. Students will learn and reinforce music concepts foundational for instrumental and vocal performance, AP Music Theory, college music majors, and college piano proficiency exams.			
Wind Ensemble 8578	2 semesters	Grades 9-12	UC/CSU Approved
Wind Ensemble is for students that have been highly successful in Band I, or the equivalent and want to continue on their instrument. Open to students that show a higher ability level on their instrument. The class will have a minimum of one performance per semester.			

SPECIAL EDUCATION

Special Education classes are designed to provide targeted support to students who have goals identified on their Individual Education Plans. These courses are aligned to the state and district educational course requirements.	
RSP Careers/Transition	This course focuses on preparing students for the world of work. Students participate in classroom activities involving job applications, inventory technique, and employment preparation. Students are placed at job sites for practical application of skills learned in the classroom.
SDC Careers/Transition	This course focuses on preparing students for the world of work. Students participate in classroom activities involving completion of job applications, interview techniques, and employment preparation. Students are placed at job sites for practical application of skills learned in the classroom.
Academic Core Support	Students with IEPs may be assigned to a study skills/academic support class for one period a day. This class focuses on assisting students with assignments from other classes. The RSP teacher and instructional aide provide individual or group activities for the students in the classroom.
Special Day Courses- SDC ELA, SDC Math etc	Special Education SDC courses are developed to provide additional support as needed. These courses are for each core area - LA, Math, Science and Social Science for grades 7-12 are in alignment with state and district grade level standards.

ELECTIVES: UC/CSU Approved - Subject Area: G

MIDDLE SCHOOL ELECTIVES

Academic Core Support Gr. 7 0164M7

2 semesters

Grade 7

This middle school course requires counselor approval.

Academic Core Support Gr. 8 0164M8

2 semesters

Grade 8

This middle school course requires counselor approval.

**AVID (Advancement Via Individual Determination)
Course 0208 (7th) 0210 (8th)**

2 semesters

Grades 7-8

This is a 7th and an 8th grade course designed to meet socio-emotional needs of developing teens, embedding AVID strategies, and aligning with school-wide behavioral and self-monitoring goals.

Engineering Action Labs 8340

2 semesters

Grades 7-8

The action labs course provides engaging Science, Technology, Engineering, and Mathematics (STEM) based education programs for students using STEM labs. The focus is on 21st Century skills with career exploration for today's technologies.

MS Coding Exploration 9032VY Virtual course

2 semesters

Grades 7-8

Coding Exploration provides students an opportunity to explore careers in computer programming. Students trace the history, development and influence of computer programming. They will complete online coding courses and learn basic Python and Java coding languages. This course will prepare them for higher education on the Information and Communications Technologies Sector.

Computers I MS 9408

2 semesters

Grades 7-8

This course is the first of two courses that will prepare students for college and/or an entry-level clerical position. Students will be introduced to Microsoft Word, Excel, PowerPoint, Publisher, and Windows Movie Maker. Students will learn to research using the Internet more efficiently. Projects will incorporate content from core academic courses whenever possible, and students will develop keyboarding skills necessary for the operation of the computer on a daily basis. Students will also strive to touch type with a reasonable degree of speed and accuracy.

Computer Animation I MS 9740

2 semesters

Grades 7-8

Computer animation and rendering is a course designed to develop the skills needed to produce full three-dimensional model renderings, walk-throughs, and animation common to architecture, mechanical engineering, forensics and the educational and entertainment industries. This software can also be used to make video games, commercials, and cartoon animation.

Family and Consumer Exploration 9678

2 semesters

Grades 7-8

The Family and Consumer Exploration course provides students with the opportunity to explore various career opportunities in the Education, Child Development, and Family Services industry.

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Leadership 5802MS	2 semesters	Grades 7-8
<p>Associated Student Body Leadership (ASB) is a project-based course in student leadership and government designed to integrate academic and social preparation to focus on student development, political awareness, and leadership capabilities. Through project based learning, hands on, and highly engaging activities, students enrolled in the ASB course will be encouraged to actively take part in the decision-making process that concerns and affects the student body.</p>		
Military Science I MS 0090	2 semesters	Grades 7
<p>Military Science I introduce Cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness and street management relate to leadership and officership. The courses help students develop a basic knowledge and understanding of Army leader attributes, core leader competencies and understand the role of R.O.T.C. and its purpose in the Army.</p>		
Military Science II MS 0091	2 semesters	Grades 8
<p>The Military Science II will highlight dimensions of terrain analysis, patrolling, and operation orders. Additional learning objectives of this course are to explore leadership in the operational environment incorporating tactical strategies, and team development. We will continue to explore theoretical foundations of the Army leadership framework and investigate adaptive leadership in the context of military operations. This course is designed to provide the student with a glimpse of future subjects and to provide the student with enough information to make an informed decision on their interest level for this course.</p>		
Medical Science Exploration 9105	2 semesters	Grades 7-8
<p>This course provides skills and information in the occupations involved in the prevention, treatment and management of illness as well as safety of mental and physical health services of professionals in this industry. The course targets students who are interested in pursuing a career in the medical field and will help them find an area that best fits their interests.</p>		
Microsoft & Google Productivity Software Exploration 9458	2 semesters	Grades 7-8
<p>Microsoft & Google Productivity Software Exploration is a project based course designed to provide students with hands-on use of Microsoft and Google software. They will learn the various applications as well as teamwork, communication and presentations skills. They will explore possible career opportunities in the field.</p>		
Mobile App Design Exploration 9739	2 semesters	Grades 7-8
<p>Mobile App Design Exploration introduces students to the field of computer science and the concepts of computational thinking, through the creation of mobile apps. They will collaboratively design and develop mobile solutions and understand how this technology positively impacts other disciplines such as biomedical sciences.</p>		
Robotics & Automation Exploration I 9447	2 semesters	Grades 7-8
<p>This course will trace the history, development, and influence of automation and robotics as students learn about mechanical systems, energy transfer, machine automation, and computer control systems. They will design, build, and program real-world objects (traffic lights, toll booths, and drag cars).</p>		
Robotics & Automation Exploration II 9448	2 semesters	Grades 7-8

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This course will trace the history, development, and influence of automation and robotics as students learn about mechanical systems, energy transfer, machine automation, and computer control systems. They will design, build, and program a working competition robot to compete in VEX competitions.

Video Game Design Exploration 9460

2 semesters

Grades 7-8

This course will integrate academic and technical preparation, focus on career awareness, career exploration, and skill preparation for the Games and Simulations industry. Students will learn all aspects of designing a video game including: design process, basic programming, graphic arts, sound and music production, project management, working as part of a design and engineering team, and building 2D platform games.

Web Design & Digital Media Exploration 9413

2 semesters

Grades 7-8

This exploratory course will provide students with practical knowledge of a variety of digital media and web design tools. Through the creation and manipulation of digital media, students will create multimedia projects that will be embedded and published online. Students will explore careers in digital and media arts.

Communication & Broadcasting MS 9090

2 semesters

Grades 7-8

This class is a media and broadcasting class designed to provide students with a groundwork in various forms of media, including writing, videography, broadcasting, or public speaking. This course will have two focuses. The first is to develop the skills necessary to run a news broadcast and will cover topics such as interviewing, videography, photography, and familiarity with U.S. and world news. The second is to use editing software to create creative videos with a variety of topics.

Construction Exploration MS 9358

2 semesters

Grades 7-8

Construction Exploration offers students the opportunity to explore careers in construction and engage in hands-on projects. Students will learn the history of construction, shop safety, hand and power tools use, project planning and estimation. Forestry concepts are also integrated into the course outline.

Exploring Graphic Arts MS 9700

2 semesters

Grades 7-8

Exploring Graphic Arts is a course that explores graphic communication through the understanding of the elements and principles of design; as well as, the design process, from idea development through the final execution of a document. The concepts explored in this course include the following disciplines: advertising, graphic design, web design, illustration, broadcast design, photography and game design and many others.

Web Design I 9416

2 semesters

Grades 7-8

This Web Design course will provide students with practical knowledge of the web design language of HTML, create basic HTML elements of a web page using basic text editing software, and viewing it in an Internet Browser. This course is designed to provide the necessary skills and training for an entry level position in the field of Web Design. Students will explore careers in digital and media arts.

Web Design II 9417

2 semesters

Grades 7-8

This course builds upon the foundation knowledge that the Web Design course provided students. Students in Web Design II will have an opportunity to further explore occupations that embrace the use of all-in-one visual development tools used by many web designers and developers worldwide to create, publish, and manage their websites and mobile content.

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Vocational Skills 0052	2 semesters	Grades 7-8
This middle school class requires counselor approval.		
Yearbook MS 1694	2 semesters	Grades 7-8
This course is designed to develop students' skills in yearbook production by providing experiences in selected aspects of yearbook production. Students learn basic principles of yearbook production and develop skills that include writing copy, captions and headlines; digital photography; desktop publishing and using appropriate technology tools for media production. Yearbook supports student's development as writers, photographers, editors, independent users of technology and as responsible contributing members of the middle school community.		

HIGH SCHOOL ELECTIVES

VVUHSD offers a wide variety of electives which include UC/CSU Approved as G electives and non-G approved electives. Any student planning to fulfill the UC/CSU Approved Elective requirement needs to complete one year of college-preparatory courses. College Preparatory (CP) courses are A-G approved and meet admission criteria at California State University and the University of California. Students enrolled in Advanced Placement (AP) courses are expected to take the corresponding AP exam at the conclusion of the course and a passing score may enable the student to receive college credit. AP courses receive weighted grades. Honors courses are offered in Grades 7-11. High School Honors courses that receive a weighted grade in the UC application are clearly identified as such. Please note the GPA weight indication at the end of each course description.

VVUHSD offers a wide selection of Career Technical Education (CTE) courses as elective courses. All CTE courses support the Common Core and CTE Model Curriculum Standards (MCS). Learning rigorous academic skills, especially in English Language Arts and Mathematics is an integral part of each CTE course outline and competencies. These skills help our students put English Language Arts and Mathematics to work in a real-world, hands-on environment they can relate to. Each of the CTE courses offered are aligned to the CTE Pathways. Each Pathway is aligned to an Industry Sector. The California Department of Education recognizes the following CTE industry sectors:

Agriculture & Natural Resources	Arts, Media & Entertainment	Building & Construction Trades	Business & Finance	Education, Child Development & Family Service
Energy, Environment & Utilities	Engineering & Architecture	Fashion & interior Design	Health Science & Medical Technology	Hospitality, Tourism & Recreation
Information & Communication Technologies	Manufacturing and Product Development	Marketing, Sales & Service	Public Services	Transportation

The courses are designed to prepare students for a wide range of high-wage, high skill, and high demand careers. The following CTE courses are offered in VVUHSD. **NOTE:** Some classes will require the purchase of materials.

Academic Core Support Gr.9 015H9	2 semesters	Grades 9	NOT UC/CSU Approved
This high school course requires counselor approval.			

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Academic Core Support Gr.10 015H10	2 semesters	Grades 10	NOT UC/CSU Approved
This high school course requires counselor approval.			
Academic Core Support Gr.11 015H11	2 semesters	Grades 11	NOT UC/CSU Approved
This high school course requires counselor approval.			
Academic Core Support Gr.12 015H12	2 semesters	Grades 12	NOT UC/CSU Approved
This high school course requires counselor approval.			
Advanced Careers with Children 9692	2 semesters	Grades 12	UC/CSU Approved
Advanced Careers with Children is not an official pathway course and should only be taken after completion of the pathway. This capstone course is designed to provide students a deeper knowledge of the philosophies, theories, and practices of child development and teaching careers. This course includes leadership/supervisory peer roles to those qualified in the onsite laboratory preschool. CTE course but not part of a CTE pathway			
Advanced Composite Structure and Repair 8350 - 2 Blocks	2 semesters	Grades 9-12	UC/CSU Approved
Advanced Composite Structural Repair is a capstone course in the structural repair and refinishing pathway. It is designed to integrate academic and technical preparation with a focus on career awareness/exploration. A project based learning and hands-on course with highly engaging activities through working with composite aircraft structures. CTE Capstone course/Repeat Credit.			
Advanced Journalism 1622	2 semesters	Grades 9-12	UC/CSU Approved
Journalism: Communications Broadcasting is a two-semester course, combining the high-level critical thinking, reading and writing skills of print journalism with the artistic, creative and aesthetic skills of visual and graphic arts presented across multiple media platforms. Students will learn the fundamentals of design, layout, copywriting, caption writing and videography/photography.			
Airframe and Powerplant 8356	2 semesters	Grades 10-12	UC/CSU Approved
Completer course for grades 10-12 (prereq: 8352) The Airframe and PowerPlant course provides students an opportunity to explore occupations in the aerospace industry and learn how to apply skills in the areas of maintenance, servicing, diagnosis, and inspecting aircraft and aircraft systems. This course will prepare students for success in the Transportation Industry in high school and post-secondary schools and to explore possible careers in the field. CTE Capstone course/Repeat Credit.			
Air Force Junior ROTC I 0093	2 semesters	Grades 9-12	UC/CSU Approved
Air Force JROTC I is an aviation history course focusing on the development of flight throughout the centuries. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. Students will receive physical education credit to meet the second year graduation requirement or elective credit.			
Air Force Junior ROTC II 0094	2 semesters	Grades 9-12	UC/CSU Approved
"The Science of Flight: A Gateway to New Horizons" focuses on how airplanes fly, how weather conditions			

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affect flight, the effects of flight and the human body, and the principles of navigation. The course is designed to complement materials taught in math, physics, and other science-related courses and is aligned with the National Science Education Standards, the Math Standards and Expectations and the ISTE National Educational Technology Standards for Students. Students will receive physical education credit to meet the second year graduation requirement or elective credit.

Air Force Junior ROTC III 0095

2 semesters

Grades 9-12

UC/CSU Approved

This course focuses on the importance of space exploration and the human exploration of space. The course is specifically developed for the US Air Force JROTC program. The course investigates the importance of entering space and discusses manned and unmanned missions, focusing on concepts surrounding spaceflight, space vehicles; launch systems, safety, and developing future space technology. Students will receive physical education credit to meet the second year graduation requirement or elective credit.

Air Force Junior ROTC IV 0096

2 semesters

Grades 9-12

UC/CSU Approved

The course focuses on the purpose of the Junior Reserve Officers' Training Corp which is to instill in students in the United States secondary institutions the value of citizenship, service to the United States, personal responsibility, and a sense of accomplishment. The mission is to develop citizens of character dedicated to serving their nation and community. They will also receive instruction on air and space fundamentals.

Auto Collision Repair 9024 - 2 Blocks

2 semesters

Grades 11-12

UC/CSU Approved

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

Automotive Technologies I 9324

2 semesters

Grades 9-12

UC/CSU Approved

Automotive Technologies I, is an introductory course in the Systems Diagnostic, Service and Repair Pathway designed to integrate academic and technical preparation, focus on career awareness, career exploration, and skill preparation for the Transportation Industry. **CTE course.**

Automotive Technology II 9326

2 semesters

Grades 10-12

UC/CSU Approved

Automotive Technologies II, is a capstone course in the Systems Diagnostic and Repair Pathway designed to integrate academic and technical preparation, focus on career awareness, career exploration, and skill preparation for the Transportation industry. Through project based learning, hands-on, highly engaging activities, students enrolled in Automotive Technologies II will study the different components and subsystems of today's automobiles. Upon the completion of this course students will be prepared to transition to post secondary career training, and or be prepared for an entry level position in today's Transportation industry. **CTE course.**

Aviation 8352

2 semesters

Grades 9-12

UC/CSU Approved

This course is designed to allow interested students the ability to explore aviation maintenance career pathways. This course will focus on principles and practices of modern aircraft maintenance technology. This general aviation course pertains to air-frame and power-plant fundamentals. The class is tied with curriculum approved by local college and introduction coursework for Victor Valley College. As college articulation, class will be recognized as 4

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college credits on student college transcript from Victor Valley College **CTE course.**

AVID (Advancement Via Individual Determination) Course # 0212 (9th), 0215 (10th), 0216 (11th), 0218 (12th)	2 semesters	Grades 9-12	UC/CSU Approved
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AVID is a program designed to overcome the ethnic and economic underrepresentation of the student population eligible for admission to the University of California and California State University systems. A four year program is offered to selected students focusing on academic and social preparation skills including: study skills; "coping" strategies; career awareness; portfolio development; writing skills in many content areas; critical thinking; problem-solving; note-taking; use of time; cultural awareness; use of the library; and citizenship/attendance. Students receive tutorial assistance and other support services to assist them in meeting requirements for college admittance.

Applied Leadership Lab / CA Cadet Corps 1 0098	2 semesters	Grades 9-12	UC/CSU Approved
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The Applied Leadership Laboratory / California Cadet Corps I is designed to be an applied leadership laboratory to teach leadership skills and hierarchical governmental structure, which ultimately enhance school pride, spirit and culture as well as the student's individual knowledge of a working government, private organizations, and business. The class will focus on public speaking, written communication, service learning, presentation skills, community service, governmental hierarchy, social development, goal setting, group dynamics, finance, health & wellness, fitness, nutrition and agility training.

Applied Leadership Lab / CA Cadet Corps 20099	2 semesters	Grades 9-12	UC/CSU Approved
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The Applied Leadership Laboratory / California Cadet Core II course includes an application of the instruction in the 4 CA Cadet Corps Standards in military subject, leadership, citizenship and wellness while holding leadership and command positions. This course supports the CC mission with quality educational and leadership development to prepare students for success in college and the workforce. The course includes command presence, rigorous physical activity, uniform wear, and strict adherence to the CC rules and CA State Military Veteran Code.

Business Management I 9518	2 semesters	Grades 9-12	NOT UC/CSU Approved
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Designed to acquaint students with many facets of business and prepare them to select an educational path. The structure of the program is designed to provide foundation skills and knowledge within a context that provides relevancy to careers in the field of business. **CTE course.**

Business Management II 9519	2 semesters	Grades 10-12	NOT UC/CSU Approved
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Business Management II is a capstone course that will help prepare students for certifications such as Microsoft Office Specialist (MOS) and Intuit's QuickBooks certified ProAdvisor. They will continue to explore career opportunities in the Business/Finance industry. Students will experience simulations and learn decision making based on financial data. **CTE course**

Child Development 9682	2 semesters	Grades 9-12	UC/CSU Approved
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Child Development, is an concentrator course in the Child Development Pathway, within the Education and Child Development Industry designed to prepare students to pursue a career in the field of child care and development for infants, toddlers, and young children. The course is a study of the developmental stages of children from conception through preschool. **CTE Course**

Careers with Children 9690	2 semesters	Grades 10-12	UC/CSU Approved
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Careers with Children is a concentrator course in the Education pathway designed to integrate academic and technical preparation with a focus on career awareness, career exploration and skill preparation. Through project-based learning and hands-on highly engaging activities, students will be provided with knowledge of various careers in the field of child development as well as increase their understanding of child development through classroom instruction. **CTE course.**

Certified Nursing Assistant I 9117	2 semesters	Grades 10-12	UC/CSU Approved
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Certified Nursing Assistant I is a concentrator course in the Introduction to Patient Care career pathway. This course will include basic anatomy and physiology, communication, safety, as well as general nursing/patient care procedures. The program is based in long term care, acute care as well as rehabilitation of primarily geriatric patients. **CTE Course.**

Civil Engineering and Architecture PLTW 4263	2 semesters	Grades 11-12	UC/CSU Approved
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In this PLTW college preparatory course, students will learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

Computer Service and Repair 9407	2 semesters	Grades 10-12	UC/CSU Approved
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This is a capstone course in the ISS career pathway. Students will participate in a school based enterprise, modeling a computer/technology repair shop. Students will analyze, design, and manage information using word processing, spreadsheets, databases, and presentation programs. Google environment will also be taught. **CTE course.**

Computer Systems & Technologies 9405	2 semesters	Grades 9-12	UC/CSU Approved
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Computer Systems and Repair is a concentrator course for the Information Support and Services career pathway. Students will learn interactions between software and hardware, operating systems, and hardware requirements. Included is ethical and legal issues surrounding the industry. Students will learn about post-secondary and college graduate career opportunities and how to reach their career goals. **CTE course.**

Construction Technology I 9362	2 semesters	Grades 9-12	UC/CSU Approved
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This competency-based course prepares students to work in the construction industry. The course is designed to provide students with technical instruction and practical experience in basic residential and commercial construction through classroom instruction and applied practice of field skills. At the end of the course, students research and evaluate apprentice, employment and secondary schooling opportunities. **CTE Course**

Construction Technology II 9364	2 semesters	Grades 9-12	UC/CSU Approved
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Construction Technology II builds on skills and knowledge gained from the level one course in the Residential and Commercial Pathway. Students continue to grow and develop in the construction trades, explore career opportunities, working on design concept plans and procedures, electrical, green construction, weatherization, wall and roof framing, cabinetry, tile setting, concrete and masonry, and more. Coursework is project-based, providing students with opportunities to develop teamwork and project management skills. **CTE Course**

Construction Technology III 9366	2 semesters	Grades 11-12	NOT UC/CSU Approved
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COURSE CATALOG-2020-2021

Construction Technology III is not an official pathway course and should only be taken after completion of the pathway. Construction Technology III builds on skills and knowledge gained from the level II course in the Residential and Commercial Pathway. **CTE course.**

Criminal Justice I 9081	2 semesters	Grades 9-12	UC/CSU Approved
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This college preparatory course gives students the opportunity to learn the history, purpose and structure of the criminal justice system as well as the major issues facing criminal justice today. Students will gain practical experience in the area of law enforcement communications, arrest and patrol strategies, fundamentals of report writing, victimology, and learn procedures regarding police and the Constitution.

This is a CTE course.

Criminal Justice II 9082	2 semesters	Grades 9-12	UC/CSU Approved
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This college preparatory course builds upon the Criminal Justice I course and is designed to provide continued in-depth instruction in advanced criminal justice processes and law enforcement techniques. Areas of study include basic functions on criminal justice operations and law enforcement procedures such as forensic and crime scene investigation, evidence collection, combating cybercrime, investigating crimes against people and property, emergency response, and using law enforcement communications technology. **CTE course.**

Catering 9674	2 semesters	Grades 9-12	NOT UC/CSU Approved
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This competency-based course based on industry standards prepares students for entry-level positions common to the catering industry.

Culinary Arts I 9650	2 semesters	Grades 9-12	UC/CSU Approved
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Culinary Arts I is the introductory course in the Food Service and Hospitality pathway. It is designed for students who are interested in understanding the principles of food and nutrition and maintaining a healthy life. The study and application of food preparation, planning, service, and nutrition is addressed in this course. Students will use small and large equipment, supplies, products, and procedures in an interdisciplinary approach. Safety and sanitation are paramount and applied in a classroom laboratory setting. **CTE course**

Advanced Foods/Culinary Arts II 9652	2 semesters	Grades 10-12	UC/CSU Approved
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This course will encourage students to further their knowledge and skills in the area of foods and nutrition with an emphasis on kitchen planning, yeast breads, convenience foods, using portable electric appliances, microwave cooking, protein cooking, and consumer economics. **CTE course**

Gourmet Foods/Culinary Arts III 9660	2 semesters	Grades 11-12	UC/CSU Approved
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/Gourmet Foods/Culinary Arts III is not an official pathway course and should only be taken after completion of the pathway. This course will further students' knowledge, skills and interests in food preparation and nutrition with an emphasis on creative cooking, quality cooking, hors d'oeuvres, food for children, foreign food, regional food, and outdoor cooking. **CTE course**

Cyber Literacy 9454	2 semesters	Grades 9-12	UC/CSU Approved
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This is a concentration course in Software and Systems Development Pathway. The course builds a strong hands-on cyber foundation for high school students. The course also lays a foundation for further exploration into STEM and Cyber related topics. **CTE course**

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Cyber Literacy II 9455	2 semesters	Grades 10-12	UC/CSU Approved
This is a capstone course for Software and Systems Development Pathway. Through project based learning, hands-on highly engaging activities, students will engage in an overview of the eligibility and training standards required for the various professionals in the industry. CTE course			
Cyber Security PLTW	2 semesters	Grades 10-12	UC/CSU Pending
The purpose of cybersecurity is to train students to protect their own personal data or a company's data. Students in cybersecurity adopt an ethical code of conduct while learning to defend data in today's complex cyberworld.			
Developmental Psychology of Children 9686	2 semesters	Grade 10- 12	UC/CSU Approved
This course provides an in depth study of the child from the moment of conception through the adolescent years. The course addresses the cognitive, physical and social/emotional developmental stages including the major theories of development and their application to real life. CTE course			
Digital Electronics PLTW 9816	2 semesters	Grades 10-12	UC/CSU Approved
This is a PLTW course. This is a course in applied logic that encompasses the application of electronic circuits and devices. Computer simulations software is used to design and test digital circuitry prior to the actual construction of circuits and devices.			
Emergency Medical Responder 9119	2 semesters	Grades 9-12	UC/CSU Approved
Students will learn the anatomy and physiology of the human body, the EMR principles of emergency care, and on-scene safety and precautions. Students will gain practical experience in assessing patients, protocols and procedures for transporting patients, and dealing with medical and behavioral emergencies. CTE course			
Engineering Design and Development PLTW 8336	2 semesters	Grades 11-12	UC/CSU Approved
The course covers the impact of the work by engineers on our society and the academic practices and principles related to engineering design. This is a PLTW course			
Engineering Essentials PLTW 4265	2 semesters	Grades 9 -12	UC/CSU Pending
Engineering Essentials helps students to engage in engineering challenges, career exploration and prepares students for subsequent PLTW engineering courses.			
Externship for Medical Records and Billing Technician 9111	2 semesters	Grades 11-12	UC/CSU Approved
This course is designed for students to perform their skills and training they acquired in the Medical Records and Billing Technician class to real time events and procedures in a medical office, hospital, or medical facility. Students will perform all job duties required for that position. CTE course			
Externship for Physical Therapy, Medical Records, Medical Billing & EMR 9125	2 semesters	Grades 11-12	UC/CSU Approved
This course is designed for students to earn externship hours and perform tasks that they have learned in Physical Therapy Aide, Emergency Medical Responder, and Medical Records and Medical Insurance Billing in a facility,			

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hospital, or medical office. CTE course			
Graphic Communications 9144	2 semesters	Grades 11-12	UC/CSU Approved
This is a Career Technical Education course that integrates visual art elements such as design and color through illustration and production layout. Students will use graphic design tools to produce artwork suitable for use in digital media and print media publications. CTE course.			
Graphic Arts II 9142	2 semesters	Grades 11-12	UC/CSU Approved
This is an advanced Graphic concentrator course in the Arts Media and Entertainment Pathway designed to integrate academic and technical preparation, focus on career awareness, while concentrating on the Arts. Students will gain a progressive understanding of theory and concepts of visual communication used to present information or promote a message to a consumer driven market. CTE course.			
Film as Digital Literature 1504	2 semesters	Grades 10-12	UC/CSU Approved
This course will promote cinematic literacy, an understanding of how this genre communicates, through analysis of the complex network of language systems which films employ, and through the application of the techniques students have already been taught for analyzing and reviewing literary communication. They will learn to “read” film by analyzing its narrative structure, literary elements, genre conventions, technical and artistic factors, and purpose.			
Introduction to Computer Science “Amazon Future Engineers” 9411	2 semesters	Grades 9-12	UC/CSU Approved
This course is designed to integrate academic and technical preparation with a focus on career awareness/exploration. Project based learning and hands-on for the basics of computer programming and basics of computer science. CTE course			
AP Computer Science “Amazon Future Engineers” 9424	2 semesters	Grade 9-12	UC/CSU Approved
AP Computer Science Principles "Amazon Future Engineers" will provide students a project-based, hands-on course in the foundation concepts of computer science and the impact computing technology has on our society.			
Introduction to Courtroom Debate: Mock Trial 5828	2 semesters	Grade 9-12	UC/CSU Approved
Introduction to Courtroom Debate - Mock Trial is a class for students interested in learning about the legal system and court procedures, and understanding law in everyday life, as well as developing public speaking and critical thinking skills necessary for conducting a Mock Trial.			
Leadership HS 5802	2 semesters	Grades 9-12	UC/CSU Approved
Associated Student Body Leadership (ASB) is a project-based course in student leadership and government designed to integrate academic and social preparation to focus on student development, political awareness, and leadership capabilities. Through project based learning, hands on, and highly engaging activities, students enrolled in the ASB course will be encouraged to actively take part in the decision-making process that concerns and affects the student body.			
Library Science Student Assistant 0270	1 semester	Grades 9-12	NOT UC/CSU Approved
This course is very limited in offering and provides students an opportunity to learn library science under the			

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support of the librarian. Student will provide library services and learn how to maintain and support a library setting.

Link Crew Leadership 0030	2 semesters	Grades 11-12	UC/CSU Approved
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Link Crew is a two-semester leadership course that combines high-level critical thinking, writing, and analytical skills with mentorship and entrepreneurial project experiences and implementation. Students will participate in research and evaluation, project planning and execution, as well as leadership and critical thinking-based activities in order to further develop these key skills in tandem with mentorship of peers.

Medical Assisting 9108	2 semesters	Grades 11-12	UC/CSU Approved
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This course provides the basic skills necessary for employment in a physician's office or medical clinic. Instruction includes training in basic secretarial, financial, accounting, and receptionist duties, as well as the use of office equipment typically found in a medical office environment. Medical Terminology is a prerequisite for this course.

CTE course - 2 Blocks

Medical Core I 9113	2 semesters	Grades 9-12	UC/CSU Approved
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This course will provide students a solid foundation to begin exploration of the Healthcare & Medical Technology professions. Students will learn how to recognize, define, spell, and pronounce medical terms and basic anatomy of the human body, which is an important foundation for healthcare. **CTE course**

Medical Core II 9121	2 semesters	Grades 9-12	UC/CSU Approved
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This course focuses on human anatomy and physiology, normal functions of body systems, associated pathologies and medical interventions. Emphasis is on providing students with a thorough understanding of the body systems and their inter-relationships. **CTE course**

Medical Records & Billing Technician 9128	2 semesters	Grades 9-12	UC/CSU Approved
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This course prepares students to enter employment in a medical insurance or other medical-clerical position, or continue their training in the medical field. This course provides a firm foundation in procedures, HIPAA, billing, and coding for application in the field. **CTE course**

Peer Counseling – High School 5812	2 semesters	Grades 9-12	UC/CSU Approved
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This is a two-semester course that combines high-level critical thinking, writing, analytical skills, and social-emotional learning with project/forum experiences and implementation, while giving students an opportunity to explore interpersonal and mass communications as they identify and address critical issues related to school climate. Through this class students will become more empowered peer leaders as they hone their communication and problem solving skills.

Cross Age Tutor High School 0250	2 semesters	Grades 11-12	NOT UC/CSU Approved
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Cross-age tutoring is a program in which grade 11 and 12 students will support younger students in the classroom as a tutor. Cross-age tutors may also tutor in course that may be age similar, but in a lower level of content, in which they as a student have excelled. Teachers in which the cross-age tutors are assigned, will directly supervise them and provide the support in learning the skills they need to support and communicate with their peers they will be tutoring in the classroom.

Pharmacy Technician 9103	2 semesters	Grades 9-12	UC/CSU Approved
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Pharmacy Technician focuses on the fundamental principles in systems pharmacology and their application. Topics include: the effects of body biochemical processes on the disposition of drugs, including the quantitative expression of drug absorption, distribution, metabolism, and excretion. **CTE course**

Physical Therapy Aide 9116	2 semesters	Grades 10-12	UC/CSU Approved
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Designed to provide basic skills necessary for employment in a physical therapy department, hospital, orthopedic office with physical therapy and chiropractic office. Provides practices in: Vital signs, preparation of patient care, physical therapy procedures and modalities, infection control, proper transferring techniques, therapeutic exercise, massage, assisting with ambulation and gait training, use of physical therapy agents, chart documentation, proper protocol for patient privacy (HIPAA), appointment scheduling, referral process, and billing techniques. **CTE course**

Plasma Cutting I 9377	2 semesters	Grades 9-12	UC/CSU Approved
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Plasma Cutting I is a concentrator course in the Manufacturing and Product Development pathway, designed to integrate academic and technical preparation, focus on career awareness, career exploration, and skill preparation for the welding and manufacturing trades industry. **CTE course.**

Plasma Cutting II 9379	2 semesters	Grades 10-12	NOT UC/CSU Approved
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The course is designed to integrate academic and technical preparation, focuses on career awareness, career exploration, and skill preparation for the welding and manufacturing trades industry. Through project based learning, hands-on highly engaging activities, students will learn about the eligibility and training required for various professions with communication, critical thinking, creativity and collaboration skills. Capstone course. **CTE course.**

Restaurant I 9670	2 semesters	Grades 9-12	UC/CSU Approved
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This course is a career-building program for high school students who are interested in culinary arts and restaurant and food service management. Throughout the Restaurant I and Restaurant II two-year program, utilizing the ProStart curriculum, students will receive classroom instruction, participation in mentored work experiences, and test their skills in local and national competitions. Students completing Restaurant I will be eligible to participate in Restaurant II. Upon successful completion of the two courses, a national exam, and service hours, students will be eligible for the ProStart National Certificate of Achievement. **CTE course.**

Restaurant II 9672	2 semesters	Grades 11-12	UC/CSU Approved
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This course is a career-building program for high school students who are interested in culinary arts and restaurant and foodservice management. Restaurant II utilizes the ProStart curriculum where students will receive classroom instruction, participation in mentored work experiences, and test their skills in local and national competitions. At the end of the program, graduates possess a solid foundation for their future career. Upon successful completion of Restaurant I and II and a national exam the students will receive the ProStart National Certificate of Achievement. Students will receive mentor support, character development and real-world skills that give them a head start toward a career in this industry. **CTE course.**

Robotics & Automation Programming I 9449	2 semesters	Grades 9 -12	UC/CSU Approved
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This course provides students the opportunity to explore careers in robotics and programming fields. This course blends robotics, programming, design process, mechanical systems, energy transfer, control systems, CAD software, and career and technical skills. **CTE course.**

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Robotics & Automation Programming II	9453	2 semesters	Grades 10-12	UC/CSU Approved
This course provides students the opportunity to complete a capstone project in the robotics and programming fields. This course blends robotics, programming, design process, mechanical systems, energy transfer, control systems, CAD software, and career and technical skills. CTE course.				
Robotics Technology		2 semesters	Grades 10-12	UC/CSU Pending
This course is designed for grades 11 and 12 that have completed a CTE pathway in robotics but would like to continue to learn more about robotics and continue to participate in robotics competitions. CTE course. Repeat Credit				
Senior Transition 9999		2 semesters	Grade 12	NOT UC/CSU Approved
Senior Transition focuses on preparing seniors for college entrance. Throughout the course, students will concentrate on college preparedness, college applications, financial aid, and scholarships: this involves completing necessary entrance exams, refining resumes, personal statements, letters of recommendation, preparing applications, applying for scholarships, understanding how to successfully negotiate an interview situation, and preparing a professional presentation for evaluation. At graduation, students will be effective communicators, information managers, problem solvers, lifelong learners, and productive, healthy members of society.				
Video Game Design and Integration 1	9418	2 semesters	Grades 9-12	NOT UC/CSU Approved
Video Game Design and Integration 1 is designed as project based and hands-on with activities to learn all aspects of designing a video game through individual and team assignments.				
Video Game Design and Integration 2	9419	2 semesters	Grades 9-12	NOT UC/CSU Approved
Video Game Design and Integration 2 is designed as project based and hands-on with activities to learn all aspects of designing a video game through individual and team assignments.				
Video Game Design I	9414	2 semesters	Grades 9-12	UC/CSU Approved
This course is designed to develop foundational game design knowledge and understanding through academic integration and technical preparation with a focus on providing students in-depth and advanced instruction and hands-on experience pertaining to the development of video games with a special emphasis on coding. Areas of study include career exploration, designing a video game, design process, basic programming, graphic arts, sound and music production, project management, working as part of a design and engineering team, and building 2D platform games. Students will complete both individual and team game production assignments, learning sequencing and engaging in critical thinking, problem solving, and teamwork while developing games and exploring the process. CTE course				
Video Game Design II	9459	2 semesters	Grades 10-12	UC/CSU Approved
This course builds upon the skills students have attained in Video Game Design I. Students will create games at higher technical and aesthetic levels and move them from 2d into 3d game development. Cutting edge technology is used with creativity to help student's development engaging games using C# programming language. Group based projects will prepare students for the communication and collaboration needed for current field expectations. CTE course				
Vocational Skills	0052	2 semesters	Grades 9 - 12	NOT UC/CSU Approved

This high school class requires counselor approval.

Careers SHAd 0051

2 semesters

Grades 12 and above

This high school class requires counselor approval.

WORK EXPERIENCE

Exploratory Work Experience is for students that are looking to gain employment.

The work experience program is designed to give students the opportunity to explore the world of work. Unsupervised jobs, self-employment, and jobs considered casual labor are not accepted for credit in this program.

- 400053920. Must have at least a 2.0 GPA
- 400053921. Must have a job
- 400053922. Must have a work permit
- 400053923. Must be a junior or senior

Students enrolled in this course can earn a maximum of forty (40) credits in work experience that can be counted towards fulfilling graduation requirements. Twenty (20) of these units can be earned in the area of vocational education. Employment hours, class time, and assignments determine the credits and grade earned.

General Work Experience 9304

General Work Experience is for students that have paid employment.

General work experience students can earn up to 20 credits depending on the number of hours they work. Credit is granted for every 20 hours of work they complete.

This is an elective class that combines paid employment with classroom instruction. Students attend their own jobs during the week, and also attend a class session once a week at school. Students will develop work habits, attitudes, self-confidence, job skills, and a personal portfolio that can be used to locate, secure, and retain employment in the community.

Students must have an approved, legally paid job while enrolled in this elective. A grade and course credit are earned by completion of the course requirements: attending class, submitting paycheck stubs, keeping time sheets twice a month, taking tests, and completing a portfolio while submitting required forms and working a minimum of at least 12 weeks in the semester.

The course curriculum includes: how to get a job, keep a job, leave a job, economic awareness and career awareness. Students will develop a portfolio that shows the abilities, knowledge, and skills achieved and receive a course certification upon completion of at least two semesters of Work Experience with a grade of "C" or better and completion of the portfolio.

Internship / Exploratory Work Experience 9302

2 semesters

Grades 11-12

This course will provide a basis for the student to prepare him/herself for the world of work and, at the same time, prepare for post secondary education. Students are given an opportunity to intern at a business site in the community where they attain valuable knowledge and are able to make the connection between business and education while gaining work skills that will make them more employable. In addition to the valuable experience, students may also receive a letter of recommendation from their internship site supervisor, a job referral, and/or a position at the firm. A maximum of 10 Voc. Ed. units may be earned (5 units variable credit per semester)

DUAL ENROLLMENT/ CCAP COURSES

Dual Enrollment (DE) courses are VVC courses offered on the high school campus. California Education Code section §76004 allows community colleges to enter into a College and Career Access Pathways (CCAP) partnership with the governing board of a school district for the purpose of offering or expanding dual enrollment opportunities with the goal of developing seamless pathways from high school to community college. Victor Valley Union High School District (VVUHSD) entered such partnership with Victor Valley College (VVC) to offer this opportunity to VVUHSD high school students through general Dual Enrollment (DE). Dual Enrollment courses are taught by VVC faculty and are official college courses. The CCAP programs DE provide access to high school students to participate in post-secondary education opportunities free of charge while reducing future college costs for students and families.

CCAP DE courses These courses are ONLY for high school students, free, and listed in a formal agreement between Victor Valley College and Victor Valley Union High School District. The agreement allows special-admit students to receive college credit for transfer or Career Education.

Non-CCAP courses A student can be admitted as a Dual Enrollment Non-CCAP student if it has been determined and certified by their school Principal or designee that the student is prepared for college level coursework. Students will be required to pay the Student Center Fee, Transportation Fee, books and supplies.

Talk to your counselors about the list of courses available for 2021-2022 school year.

VIRTUAL AND ONLINE COURSES- ONLY OFFERED AT VICTOR VIRTUAL ACADEMY

**VICTOR VALLEY VIRTUAL ACADEMY
COURSE OFFERINGS**

Students complete 7 classes per year – All core subjects, plus PE and two electives.
In Grade 8, students will complete one year of world language as an elective course.

Courses include Advanced Placement, Honors, Social Emotional Learning, and Career Preparation

MIDDLE SCHOOL



ENGLISH

- Grade 7 ELA
- Grade 8 ELA
- Grade 7 Basic Language Arts/Reading Concepts for Middle School
- Grade 8 Basic Language Arts/Reading Concepts II for Middle School



MATHEMATICS

- Grade 7 Math Common Core
- Grade 8 Math Pre-Algebra Common Core
- Grade 7 Basic Math Concepts for Middle School
- Grade 8 Basic Math Concepts II for Middle School



SCIENCE

- Science 7 Life Science, plus Earth Science
- Science 8 Physical Science, plus Earth Space Science
- Grade 7 Basic Science Concepts for Middle School
- Grade 8 Basic Science Concepts II for Middle School



SOCIAL SCIENCE

- Grade 7 Social Studies World History
- Grade 8 Middle School American History
- Grade 7 Basic Social Studies Concepts for Middle School
- Grade 8 Basic Social Studies Concepts II for Middle School



PHYSICAL EDUCATION

- Grade 7 PE
- Grade 8 PE



ELECTIVES

- Middle School Spanish
- Middle School German
- Middle School French
- Middle School STEM 3: Electronics and Coding
- Investigating Careers
- College and Career Readiness
- Intro to Social Emotional Learning
- Social Emotional Learning
- Health

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OUR SCHOOLS

SCHOOL NAME	PRINCIPAL NAME	EMAIL ADDRESS	SCHOOL PHONE #
Adelanto High School	Ms. Ebony Purcell	epurcell@vvhhsd.org	(760) 246-3909
Cobalt Institute of Math and Science	Dr. Clarissa McNally	cmcnally@vcvuhhsd.org	(760) 955-2530
Goodwill Education Center	Mr. Kevan Loyd	kloyd@vvhhsd.org	(760) 955-3440
Hook Junior High School	Mr. Carlos Cerna	ccerna@vvhhsd.org	(760) 955-3360
Lakeview Middle School	TBD		(760) 955-3400
Silverado High School	Ms. Heather Conkle	hconkle@vvhhsd.org	(760) 955-3353
University Preparatory	Ms. Valerie Hatcher	vhatcher@vvhhsd.org	(760) 243-5940
Victor Valley Adult School	Dr. Lorraine Collins	lcollins@vvhhsd.org	Ext: 10231
Victor Valley High School	Ms. Nancy Noyer	nnoyer@vvhhsd.org	(760) 955-3200
Victor Valley Virtual Academy	Mr. Kevan Loyd	klyod@vvhhsd.org	(760) 955-3440

16350 Mojave Drive Victorville, CA 92395 Telephone (760) 955-3201 Fax (760) 245-4634

For more information on the Catalog, contact Education Services Department at extension: 10375