



Whitney High School

**Academic Planning Guide
and
Course Descriptions**

2017 – 2018

For the most current information, please visit our website:

<http://whs.rocklinusd.org/>

**WHITNEY HIGH SCHOOL
ACADEMIC PLANNING GUIDE
2017-2018**

TABLE OF CONTENTS

General Overview of the Learning Process	3
Graduation Requirements	4
RUSD Transfer Policies	5
Class Change Policies	5
Advanced Placement & Honor Courses	5
Grade Level Placement Designation	6
Grading Policies	6
Transcripts	7
Academic Recognition	7
College Entrance Examinations	8
Higher Education Admission Requirements	9
UC Approved Courses	12
CTE Works	13
Alternative Education	14
College & Career Center	15
Counseling Center Services	16
Student Activities	16
Athletics	16

COURSE DESCRIPTIONS

AVID	18
Career and Technical Education Pathways	19
Health & Consumer Studies	28
Language Arts	29
Leadership	32
Mathematics	34
Physical Education	37
ROTC	39
Science	42
Social Science	46
Visual & Performing Arts	50
World Language	56
CTE Works - Off Campus Classes	59
Courses Listed by Graduation Requirements	61
Six-Year Plan Worksheet	62

For the most current information, please visit our website:
<http://whs.rocklinusd.org/Counseling/index.html>

WHITNEY HIGH SCHOOL

ACADEMIC PLANNING GUIDE AND SCHEDULE OF COURSES

2017– 2018

The WHS Academic Planning Guide describes the Whitney High School curricular offerings for the 2017-2018 school year.

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

The Whitney High School's commitment to parent involvement encourages and welcomes the continuous participation of parents during this planning process and throughout their student's high school years. Parents are vital partners in their student's high school success. Parents and students are urged to read this publication carefully and seriously consider the choices they make. The student's future will be impacted by the planning and the decisions they make now. Students are encouraged to select classes that are both interesting and challenging to them. Students should also consider courses that will meet graduation requirements as well as best prepare them for postsecondary experiences and options. Counselors are available to provide assistance in planning a course of study.

GENERAL OVERVIEW OF THE LEARNING PROCESS AT WHITNEY HIGH SCHOOL

The system of education at Whitney High School is driven by performance based standards as mandated by the State of California and the Rocklin Unified School District. Standards are not new to education; educators have always had goals and expected levels of achievement for students. At Whitney High School, we go beyond expectations by requiring all students to master the learning associated with the common set of standards. In support of this philosophy, the curriculum, instruction, assessment, and reporting to parents is designed accordingly.

Students will demonstrate mastery of the content standards through assessments and course work aligned with California Department of Education state standards and district standards. The grade reporting system is used to communicate a student's progress towards mastery. By requiring students to meet academic standards, a graduate will have the skills and knowledge needed for success in pursuing their post-high school goals.

Parents and students need to understand that students must attend school on the first day of the school year. If you are out of town, WHS must have written notice of this. If your student is ill, you must call the attendance office. If you do neither of these and your student is absent, we will not save a space for your student. This will mean that your student may lose their seat in classes that they were previously enrolled in for this school year.

GRADUATION REQUIREMENTS

State Law and district policy are subject to modification. These modifications often impact district programs. Please consult with your school counselor for current requirements for your graduating class.

Current Requirements: The system of education at WHS is driven by performance-based graduation requirements. Graduation will be based upon demonstrations of what students actually know. In the past, if a student had completed four years of high school and a certain number of courses, the student was considered “educated.” **At WHS, only after a student has demonstrated that learning has occurred, will WHS confirm that education has happened.**

A minimum of 250 credits including the following required subjects must be earned in grades 9 – 12 in order to meet graduation requirements:

<u>Subject Area</u>	<u>Years</u>	<u>Credits</u>
1. A. Language Arts	4	40
2. B. Social Studies	4	35
3. C. Mathematics*	3	30
4. D. Science	3	30
5. E. P.E.	3	30
6. F. Applied Science (technology)	1	10
7. G. VAPA	1	10
8. H. World Language	1	10
9. I. Health	.5	5
10. J. Electives		50

* Must complete mathematics through Integrated Math II.

Whitney High School Expected Schoolwide Learning Results (ESLRs): GO CATS!

Global Responsibility

Optimal Technological Literacy

Complex Thinking

Academic Literacy

Talking, Listening, Writing & Questioning Proficiency

Self Reliance

Measurements of ESLR mastery will be seen through how well a student exhibits:

- A knowledge of world language and cultural diversity
- A knowledge of environmental concerns and related responsibilities
- A knowledge of positive health-related attitudes and behaviors
- A knowledge and application of current technological systems, research tools and a variety of computer applications
- A knowledge and application of historical/social sciences
- A knowledge and application of life/physical sciences
- A knowledge and application of mathematics
- A knowledge and application of reading, comprehension, speaking and listening skills and critical analysis and writing skills
- A knowledge and application of visual and performing arts
- A knowledge of career interests/aptitudes and employment opportunities
- A knowledge of self and one’s responsibility to others and the greater community
- A knowledge and understanding of personal skills leading to self advocacy

Community Service: Students must complete **25 hours** of community service by May of their junior year. This requirement will be met through clubs, athletic teams, or individually through a non-profit organization throughout the year. See The College & Career Center for more information. All WHS students are required to meet this graduation requirement to earn their diploma. Students who complete 150 or more hours of service will be recognized for Distinguished Community Service.

Early Graduation: This district believes that a high school education consists of a full four-year program. However, should a student wish to graduate early, they may file a petition with the school principal through their counselor prior to May 1st of their sophomore year.

TRANSFER POLICIES

Intradistrict: Students wishing to move between Rocklin High School and Whitney High School must complete an INTRADISTRICT TRANSFER REQUEST before the priority deadline of February 17, 2017. Students requesting a transfer after this date will be considered by the administration on an availability basis. Parents of incoming freshmen will be notified of their student's status prior to the Freshmen Showcase Night which is held every March.

Interdistrict: Students wishing to transfer into Whitney High School must complete an INTERDISTRICT TRANSFER REQUEST before the priority deadline of March 1st. Students requesting a transfer after this date will be considered by administration on an availability basis. Students and parents must meet with administration prior to acceptance to Whitney High School in order to review the student's academic progress, attendance, discipline, and credits toward graduation.

All Transfers: Transfer agreements to a RUSD high school must be renewed annually and students must be on-track for graduation and maintain good attendance and discipline records in order to maintain enrollment. Students residing within RUSD boundaries and wishing to return to their school of residence may request a transfer in the fall and must be on track for graduation.

CLASS CHANGE POLICIES

Drop/Add Policy: The Counseling Center has made every effort to match student needs with available classes. Therefore, **there should be no reason for a schedule change unless there is an error on the student's schedule.** In the interest of course planning purposes, counselors start working with students prior to the beginning of each school year. The Counseling Center provided each student on this campus (except for incoming freshmen) ample opportunity to change and adjust their schedule. These opportunities began in the spring when each student was given their course selection forms to fill out and ended with a one-on-one meeting with a counselor to confirm their selections for the upcoming school year. The Counseling Center believes that after school starts, the student should be committed to their schedule. **Again, there should be no reason for a schedule change unless there is an error on the student's schedule. PLEASE NOTE: ALL COURSES AT WHITNEY HIGH SCHOOL ARE YEAR-LONG COURSES.**

Scheduling Errors will receive immediate attention by the Counseling Center. The following are considered scheduling errors:

1. Missing a course(s) needed for graduation.
2. "Blank"/missing a class period (does not include "early/late" arrival for seniors).
3. Student has not met the prerequisite for a course.
4. "Double up" of courses in the same period (does not include Health/Dr. Ed.).

The Counseling Center **WILL NOT** consider schedule changes for the following reasons:

1. To be with friends.
2. To change teachers.
3. Athletics.
4. Early/late arrival adjustments.
5. "I have a job and have to leave early."

The Counseling Center will correct any mistakes as quickly as possible. **Each student must stay in their classes until they have been notified that the schedule has been changed.** Students have a **one week** window to correct their schedule once the school year begins. **Teachers will notify the Counseling Center if a student is inappropriately placed in a course.**

ADVANCED PLACEMENT (AP)/ HONOR COURSES (H)/ADVANCED COURSES

Advanced Placement/ Honors/Advanced courses are provided for the highly motivated academic student who meet the prerequisites to enroll. Students who do not meet the prerequisites may speak directly with the AP teacher to discuss the possibility of a waiver to enroll in the course. The AP Program offers several AP Scholar Awards to recognize high school students who have demonstrated college-level achievement through AP courses and exams. In addition to receiving an award certificate, this achievement is acknowledged on an AP Grade Report that is sent to colleges the following fall. For additional information regarding AP Scholar Awards, please visit the following website:

<http://www.collegeboard.com/student/testing/ap/scholarawards.html>

Taking Honors or Advanced Placement classes is a choice that you and your student make. College Prep (CP) courses are offered in place of any Honors or AP course, and they are college approved academic options. Students and parents should plan carefully when taking Honors and AP courses. These classes are taught in an accelerated format comparable to that of a university level course; therefore, they require extensive

out-of-class work (approximately two hours per course per night). Please consider this information when selecting classes. Class enrollment is year-long. **Students are given three weeks after school begins to drop an Advanced Placement/Honors/Advanced class if they find the class too difficult.** A student is given the first semester to maintain AP appropriate level of work. If the student does not maintain that level, they may be moved to a similar class at a lower level **at the semester only** (per teacher recommendation).

Advanced Placement exams are administered in May. Students are subject to a test fee which is charged by the College Board. Reduced fee applications, due to financial hardship, are available in the Counseling Center. Many colleges award credit and/or advanced placement for demonstrated subject area proficiency (to research a specific college’s policy, please consult their website). Please note: Universities will not consider awarding credit unless the AP exam is taken and passed. Whitney High School will only administer AP exams for the courses that are offered on our campus.

Although students are **not** limited to a specific number of AP/Honors courses they may take, it is the recommendation of the school that students design their Six-Year Plan so that **no more than three AP/Honors** courses are taken in any given year.

GRADE LEVEL PLACEMENT DESIGNATION

The following list represents: A) the recommended number of credits students should have completed by the time they **enter each respective school year**, and B) the number of credits which reflect when a student would be considered deficient in credits.

<u>Grade Level</u>	<u>Recommended Minimum</u> <i>Number of Credits</i>	<u>Deficient</u> <i>Number of Credits</i>
10	60	45 or less
11	140	125 or less
12	220	170 or less

While students can make up a deficiency in credits, it becomes increasingly difficult to do so the farther behind they get. In order not to jeopardize graduation, students should stay as close as possible to the recommended credit totals listed above.

Students may attend summer school to make-up credit deficiencies. In addition, a limited number of evening classes are offered through RUSD programs. See your counselor for more information.

GRADING POLICIES

Eight reports are mailed home during the school year, approximately one every 4 – 5 weeks. This is done to help students, parents and teachers determine and discuss student achievement more frequently. The approximate mailing dates are listed in the student planner. Duplicate mailing is available upon request in the Administration Office.

If parents would like to monitor the progress of their son/daughter on a weekly basis, there are three options available:

1. Grades can be checked on the school’s website at www.schoolology.com. To set up a new account, parents will need an activation code which they can access from the WHS front office at 632-6500, ext. 6415.
2. Weekly Grade Check forms are available in the student planner for students to take to their teachers.
3. Parents are welcome to email or phone teachers to request information.

Grade Reports (Report Cards) are mailed home approximately one week after the end of the first and third quarter. These dates are listed in the student handbook for your convenience. The first report card for each semester is actually a progress report (see below) with a grade. The final report card at the end of the semester is the official grade for the semester.

Grade Reports (Progress Reports) are mailed in the middle of each quarter to notify students of their progress in each of their classes. These dates are also listed in the student planner for your convenience.

Semester Reports are mailed home about one week after the end of each semester (fall semester report will be mailed out one week after the return from winter break). These grades carry final credit and are considered permanent grades. These grades become part of the official school record (transcript) for each student.

Grading System: On Report Cards:

- A = Distinguished
- B = Commendable
- C = Proficient (Mastery)
- NC = Failure to achieve Minimum standards

On Progress Reports:

- P = Passing
- NM = No Mark
- (Potential for Failure)

Please review the **Overview of the Learning Process at Whitney High School** section of this booklet regarding our philosophy on learning.

Process for Appealing a grade on a Report Card: A student who believes they have received a grade considered in error should contact the instructor as soon as possible to check the accuracy of the grade. If the instructor agrees with the student that the grade is in error, the instructor will submit a grade change form to the Registrar's Office for the student. If the instructor disagrees with the student, the student may appeal the grade. The appeal should be in the form of a letter to the principal, explaining why the student disagrees with the grade. The principal will provide a written decision on the appeal. Included in the response will be steps for further appeal procedures.

Repeat Policy: Students who fail to meet minimum expectations for a course required for graduation (semester NC) must repeat the course during summer school and/or night school.

TRANSCRIPTS

Student transcripts are available through the Registrar's Office. *Official* transcripts may be ordered by completing a request for transcript form in the Registrar's Office. This may be done before school, nutrition break, lunch, or after school. The cost is \$1.00 per transcript. **NOTE: Allow at least one week before the transcript will be ready for pick up or the mailing deadline.**

ACADEMIC RECOGNITION

California Scholarship Federation (CSF):

The following CSF membership requirements became effective July 1, 1987:

1. Previous semester grades determine membership.
2. Application must be made during the first four weeks of each semester. An application fee must be submitted with the application.
3. Semester grades and CSF points are: A=3, B=1, C=0 (AP/Honors A=4, B=2, up to a maximum of 2 extra points per semester.)
4. List two or more courses from List I. Seniors may use all List II courses. No CSF points are granted for PE, Student Service, or repeated courses. Student must not have any grade lower than "C".
5. Ten (10) CSF points must be earned in five courses including at least seven (7) points from List I or II.
 - List I:** All UC certified courses
 - List II:** All other academic courses
 - List III:** All other courses except P.E. and Student Service.
6. Applications and additional help may be obtained from the Advisor.
7. To be an active member, CSF members must participate in one CSF club community service project per semester and attend club meetings.

CSF chapter membership is earned each semester during high school. Membership is not automatic and application must be made each semester during the stated filing period.

A life member is a CSF member who has earned membership during four (4) of the last six semesters of high school with one semester being during the senior year.

National Honor Society: Membership in the National Honor Society is by invitation. Sophomores, juniors, and seniors who maintain a minimum cumulative 3.75 grade point average and have completed 150 hours of community service by the application date are invited to fill out an application to join this prestigious national organization. Selection is made by the Faculty Advisory Council and an interview panel. Selection is based on four areas: scholarship, leadership, service, and character. An annual candlelight induction ceremony is held in the spring. Membership is confirmed in the spring if all expectations have been met. In addition to maintaining a 3.75 grade point average, members must participate in society service projects and maintain good character.

Distinguished Scholar Diploma: The Distinguished Scholar Diploma is designed to recognize those students who have demonstrated academic excellence. This diploma distinction corresponds to an academic pathway which qualified students will take during their four years at Whitney High School. For qualification, it is recommended that students decide, with parent approval, to choose this pathway when they enter the high school. Students in this pathway will choose to take some of the most rigorous courses on campus. The students will have, at minimum, a 3.8 GPA and will maintain the same qualifications to continue in the pathway. Students DO NOT need to take all the courses listed for the pathway, but must choose to take 60% of the advanced, honors and AP offerings.

Eligibility for the Distinguished Scholar Diploma:

- Complete 60% Advanced/Honors courses with five of those courses being Advanced Placement classes
- 3.8 weighted GPA
- 95% attendance each year
- No major disciplinary or attendance infractions
- Complete a minimum of 150 community service hours to earn a Distinguished Community Service or Service Learning award
- Complete at least one WHS leadership course (Leadership Committee or Officer position, STARS, Senior Mentor, Peer Counseling, JROTC Officer Position, Journalism Production Management, or Broadcasting Production Manager, News or Sports Director)
- Completion of an academic portfolio

College Entrance Examinations EAP, PSAT, SAT Reasoning, & SAT Subject Exams, ACT

Either the SAT or the ACT are required for admission to most four year universities. Colleges will typically accept either score. Students are highly encouraged to research admission requirements as policies from school to school can vary with admission requirements and/or recommendations.

Early Assessment Program (EAP): With the establishment of the Measurement of Academic Performance (MAPP), starting in 2015, EAP will be fully incorporated into the 11th grade math and English exams. Under this new system, there will be no need for supplemental questions, additional bubbles to be filled in on student answer sheets, or a separate essay segment. Logistics of reporting are pending, but EAP will continue to serve as an early signal of college readiness for rising seniors. We hope that the new testing model will facilitate broader and easier use of EAP by California high schools, educators, and students.

PSAT: The Preliminary Scholastic Aptitude Test and National Merit Qualifying Test (PSAT/NMSQT) is offered to sophomores and juniors. The PSAT student score report offers skill assessment that students can utilize to identify their levels of proficiency in each of the reasoning skill areas and then work on improving them before entering college or taking the SAT. Juniors taking the PSAT are also taking the National Merit Qualifying Test. For juniors, the test can determine their initial eligibility or entry into scholarship competitions.

SAT Reasoning Exam: The SAT Exam contains a reading, writing and language, math, and an essay section. Official test time is 3 hours and there is a 50 minute optional essay. Students should arrive at 7:30am to check in for the test and allow approximately 4 hours and 30 minutes total time at the test site. The SAT is scored on a scale ranging from 400 to 1600, and the essay is scored separately. *New policies and procedures are now in place for SAT registration and test days. Please pay careful attention to the rules listed on the Collegeboard website when registering for test dates.*

SAT Subject Exam: The College Board offers exams in five different subject areas, including several foreign languages. Students can take up to three subject exams in one sitting. Students cannot take the SAT Reasoning Exam and SAT Subject Exams on the same test date. Some majors within the UC system also recommend or require the SAT Subject Tests. Students must check with specific colleges to confirm if the major of their choice requires the SAT Subject Tests to be eligible for admission. *The UC system will not accept Math I as one of the subjects.*

ACT: The ACT is an achievement test that measures what a student has learned in school. The ACT has up to 5 components: English, Mathematics, Reading, Science, and an optional Writing Test. Although the writing portion is optional, students are encouraged to take it because if they chose to apply to a school that required it, they will not be able to use any scores from the test taken without it and would need to take the entire test again. Students will receive a score in each of the areas and also a composite score which takes into account all areas of the test. All of the scores, including the composite are based on a 1-36 scale.

College Entrance Examinations (PSAT, SAT Reasoning & SAT Subject Exams, ACT): To obtain registration forms and information about required tests, and/or university/college requirements, go to the College & Career Center or visit the website, talk to your counselor, or check online at www.collegeboard.org, www.actstudent.org, or www.californiacolleges.edu.

There are many new features available on-line to assist students with college entrance exams.

1. Registration for tests
2. Send score reports
3. Practice for questions and essays for the SAT
4. Search for information about careers and colleges
5. Search for codes (test center, high school, college, scholarship and intended major)
6. Explore readiness for SAT Subject tests
7. Take a free diagnostic test and customize a study plan

WHS School Code: 053937

College Entrance Examination Dates:

SAT: Rocklin High School is an official test site for the SAT. However, students who register near the deadline are often assigned to a different test site. Students may register for the SAT online at www.collegeboard.org. Please visit www.collegeboard.org for test dates.

ACT: Rocklin High School is an official test site for the ACT. Check with the colleges to see which of the two tests (SAT or ACT) is preferred. Students may register for the ACT online at www.actstudent.org. Please visit www.actstudent.org for test dates and registration information.

If you have any questions or concerns, please contact the College & Career Center or see your counselor.

HIGHER EDUCATION ADMISSION REQUIREMENTS

Types of schools: There are several types of schools for higher learning in California: Community Colleges; California State University system, University of California system, private and independent colleges and universities, and vocational schools.

There are also thousands of out-of-state schools available for higher learning. However, WHS does not monitor each school's minimum entrance requirements. WHS Counselors will be happy to assist any student interested in pursuing information on out-of-state schools. Visit the College and Career Center for more information on these schools.

Naviance: Every Whitney High School student is given a Naviance Family Connection account where they can research any college and career options in one place. Students may log into Naviance Family Connection at:

<https://connection.naviance.com/family-connection/auth/login/?hsid=whitneyhs>

Community Colleges: Community College admission is open to any person who has a high school diploma or has passed the GED or state proficiency exam or is 18 years of age. There are no subject or grade requirements for admission to California Community Colleges. All students must take assessment exams for placement prior to registering for classes. Examples of local community colleges include Sierra College, Sacramento City College, and American River College.

Private Colleges and Universities: Students wishing to attend a private college or university should consult the college for their specific requirements. The College & Career Center can assist in this process. Examples of private colleges include University of the Pacific, Stanford, Pepperdine, and Santa Clara.

California State University (CSU): Students must have a high school diploma, have a qualifiable eligibility index (see CSU info in the College & Career Center for specifics), and must have completed the courses in the comprehensive pattern of college preparatory subject requirements with a "C" or better (see minimum entrance requirements chart, on following page). The eligibility index is the combination of your high school grade point average and your test score on either the American College Test (ACT) or the Scholastic Aptitude Test (SAT Reasoning). Grade point average is based on grades earned in college approved courses during your final three years of high school and bonus points for each "C" or better grade in approved Honors and/or AP courses. Rocklin High School hosts a College Fair each fall which includes workshops on the UC and CSU application process. There are twenty-three (23) CSU campuses with a wide range of majors leading to a B.S. or B.A. degree. Masters programs are also available in a variety of majors at the CSU system. Examples of CSU colleges include: Sacramento, Humboldt, San Diego, Monterey Bay, Long Beach, and Cal Poly. For additional information, please visit www.csumentor.edu.

University of California (UC): The UC system includes nine four-year universities offering a variety of B.A. and B.S. degrees. Examples include Davis, Santa Barbara, and Berkeley. To qualify for entrance, students must have a high school diploma or a California Proficiency Certificate. Students must follow a university preparatory program and must earn a grade of "C" or better in the required courses listed on page 11. Students must have a high school grade point average of 3.0 or higher to be eligible for the UC system. Those students with a GPA below 3.3 must score proportionately higher on the ACT or SAT College Entrance Examinations. In addition, some majors require UC applicants to take two SAT Subject exams in two different subject areas of their choice (Note: The UC system does not accept Math I as a subject test). Entrance GPA and requirements may vary depending on the major area of study and the campus selected. If a student is eligible for a particular school and/or major this does not guarantee admission. For additional information, please visit www.universityofcalifornia.edu.

Important Note: The top nine percent (9%) of the junior class who meet the minimum eligibility standards and who satisfy the A-G requirements will be accepted at a University of California campus, though not necessarily the campus of their choice. The University of California will notify eligible students in writing at the beginning of their senior year.

Technical and Business Schools: These schools offer certificates for training in a variety of vocational occupations. Most of these schools require a high school diploma or its equivalent. Students who take advantage of high school preparation courses can complete training in a minimum amount of time. Some of these schools are available in the Sacramento area. The California Department of Education's definition of Career Technical Education (CTE), which is embodied in the vision statement contained in Career Technical Education Framework for California Public Schools Grades Seven Through Twelve (2007), is as follows: Career technical education engages all students in a dynamic and seamless learning experience resulting in their mastery of the career and academic knowledge and skills necessary to become productive, contributing members of society. The internet address for the portion of the CDE website where pupils can learn more about CTE is <http://www.cde.ca.gov/ci/ct/>.

Apprenticeship Programs: The state of California offers a variety of Apprenticeship Programs. Qualifications/requirements are as follows:

- Applicants must be at least 18 years of age.
- Applicants must be physically able to do work performed in the trade.
- Applicants must have a high school diploma, high school proficiency certificate, or a GED.
- Applicants should be able to read, write, and speak the English language in order to comprehend instruction and safety.

Additional information regarding Apprenticeship Programs can be found at www.calapprenticeship.org.

CSU-UC Comparison of Minimum Requirements

	California State University (CSU)	University of California (UC)
TEST SCORES – ACT/SAT		
	ACT or SAT is required*	
	CSU combines best critical reading and math scores from multiple sittings of SAT; may combine best subscores from multiple ACT tests to calculate a best composite. Test required for CSU applicants to non-impacted campuses, who have earned an “A-G” GPA of less than 3.0.	UC uses the highest combined score from a single sitting of the ACT Assessment plus Writing or the SAT Reasoning Test. SAT Subject Tests are no longer required, however students/parents should check with individual campuses regarding specific test requirements and recommendations.
VALIDATION OF SUBJECT REQUIREMENTS BY OTHER COURSES		
Mathematics	A grade of C or better in the second semester of a mathematics course validates a D/F in the first semester. A grade of C or better in the first semester of Algebra II validates both semesters of Algebra I. A grade of C or better in Trigonometry or Pre-calculus validates the entire high school college preparatory requirement with the exception of Geometry. A grade of C or better in Statistics will validate only Algebra I and Algebra II, not Geometry.	
Language Other than English (LOTE)	A grade of C or better in a higher-level course validates a lower-level course. A higher level LOTE course can validate the appropriate number of years based on the level. A college course can validate a high school LOTE course. The level of validation depends on the college course prerequisite and description.	
Chemistry	A grade of C or better in the second semester of Chemistry will validate a D in the first semester.	A grade of C or better in the second semester of chemistry WILL NO LONGER VALIDATE a D in the first semester.
VALIDATION OF D GRADES IN REQUIRED COURSES		
	Required “A-G” courses must be completed with a grade of C or better. Courses in which grades of D are earned must be repeated, EXCEPT in the areas of math and language other than English, where grades of D can be validated by successful completion of higher level coursework.	
VALIDATION OF SUBJECT REQUIREMENTS BY TEST SCORES		
	Subject omissions may be satisfied with appropriate test scores on SAT Subject Tests, Advanced Placement exams, and designated International Baccalaureate exams. A list of acceptable tests and scores is available on the UC and CSU websites.	
REPEATED COURSES		
	Required “a-g” courses must be completed with a grade of C or better. Courses in which grades D/F are earned may be repeated. The highest grade will be used in the grade calculation.	
	UC only allows a course to repeated one time for grade replacement.	
HIGH SCHOOL GPA		
	Calculate GPA using only “A-G” approved courses taken after 9 th grade. All “A-G” courses must be reported.	
SUBJECT REQUIREMENTS		
	15 yearlong college preparatory courses from approved “A-G” list are required with a grade of C or better: 11 UC-required college preparatory courses must be completed prior to senior year.	
“a” History/Social Science	2 years of history/social science, including one year of US History OR one semester of US History and one semester of American Government, AND . . .	
	1 year of history/social science from either “a” or “g” subject area.	1 year of World History, Cultures, and Geography from the “a” subject area.
“b” English	4 years of English (including no more than one year of Advanced ESL/ELD courses)	
“c” Math	3 years of math (Algebra 1 and 11, Geometry); 4 years recommended*	
“d” Laboratory Science	2 years of laboratory science, including at least two of the three foundational subjects of biology, chemistry, and physics	
	At least 1 year of physical science and 1 year of biological science, one from the “d” subject area and the other from the “d” or “g” area	Both courses must be from the “d” subject area; 3 years recommended
“e” Language Other Than English	2 years of language other than English (must be the same language)	
		3 years recommended
“f” Visual & Performing Arts	1 yearlong course in visual & performing arts (selected from dance, music, theatre/drama and visual arts)	
“g” College Preparatory Elective	1 year of an elective chosen from any area on approved “a-g” course list	
	Numerous career technical courses are approved for fulfillment of “A-G”	
HONORS POINTS		
	Maximum of 8 extra grade points awarded for approved honors, AP, or IB courses and transferable community college courses. No more than two yearlong courses taken in 10 th grade can earn honors points.	

**Example of Recommended Program for University of California, California State University
and Some Independent Four-Year Colleges:**

These courses must be selected from the UC certified A-G subject requirements. See your counselor for a list of these courses and for more information regarding your student’s four year plan.

	9th Grade	10th Grade	11th Grade	12th Grade
<u>Language Arts</u>	Language Arts I Language Arts I Adv.	Language Arts II Language Arts II Adv.	Language Arts III Language Arts III Honors	Language Arts IV/ World Literature AP Literature
<u>Mathematics</u>	Integrated I Integrated II	Integrated II Integrated II/III Math Analysis Pre-Calculus/Trig H	Math Analysis Pre-Calculus/Trig H AP Calculus AB AP Statistics	Math Analysis Pre-Calculus/Trig H AP Calculus AB AP Calculus BC EAP Math AP Statistics
<u>Social Studies</u>	Geography Adv. Geography	World History AP World History	US History AP US History AP Government	Govt./Econ. AP Microeconomics AP Government
<u>Science</u> (One year physical and one year life science)	Biology Adv. Biology	Chemistry/Honors Chem Geology Physics I	Chemistry/Honors Chem Geology Anatomy/Physiology Physics Marine Biology AP Biology AP Chemistry AP Environ. Science AP Physics 1	Chemistry/Honors Chem Geology Anatomy/Physiology Physics Marine Biology AP Biology AP Chemistry AP Environ. Science AP Physics 1 AP Physics 2 CTE Animal Science
<u>World Language</u>	French I Spanish I Spanish II	French II Spanish II Spanish III Spanish III Honors	French III French III Honors French IV AP French IV Spanish III Spanish III Honors Spanish IV AP Spanish	French IV AP French IV Spanish IV
<u>Visual Performing Arts</u>	Beginning classes in: Art Broadcasting Choir Dance Graphics Photo Theatre Jazz Band Symphonic Band String Orchestra	Beginning/Intermediate class in: Art Broadcasting Choir Dance Graphics Photo Photojournalism I Theatre Jazz Band Symphonic Band String Orchestra Music Appreciation	Advanced level class in: Art Broadcasting Choir Dance Graphics Photo Theatre Jazz Band Symphonic Band String Orchestra Photojournalism II	Advanced level class in: Art Broadcasting Choir Dance Graphics Photo Theatre Jazz Band Symphonic Band String Orchestra
<u>Academic Electives</u>	May be fulfilled by college prep classes*			

*College prep classes in Social Studies, Adv. Mathematics, Lab Science, World Language or VAPA taken in addition to the subject requirements in those areas. Other courses may also meet this requirement; check the Course Description section of this book for more details.

UC APPROVED COURSES

A-HISTORY/SOCIAL STUDIES

Advanced Geography Cultures
AP Government
AP U.S. History
AP World History
U.S. History
World History

B-ENGLISH

AP Literature and Composition
Language Arts I
Language Arts I Advanced
Language Arts II
Language Arts II Advanced
Language Arts III
Language Arts III Honors
Language Arts IV/World Literature
ERWC

C-MATHEMATICS

AP Calculus AB
AP Calculus BC
AP Statistics
Integrated Math I
Integrated Math II
Integrated Math II/III
Integrated Math III
Math Analysis
Pre-Calculus/Trigonometry
Pre-Calculus/Trigonometry Honors

D-LABORATORY SCIENCE

Advanced Biology
Anatomy/Physiology
AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1
AP Physics 2
AP Physics C: Mechanics
Biology
Chemistry
Chemistry Honors
CTE - Integrated Animal Science
Forensic Science
Geology
Marine Biology
Physics I

E-WORLD LANGUAGES

AP French Language and Culture
AP Spanish Language and Culture
French I
French II
French III
French III Honors
French IV Honors
Spanish I
Spanish II
Spanish III
Spanish III Honors
Spanish IV

F-VISUAL & PERFORMING ARTS

AP Studio Art: 3D Design
AP Studio Art: Drawing
Art I
Art II
Art III
Art IV
Art IV Honors
Broadcasting I
Broadcasting III
Ceramic & Sculpture I
Ceramic & Sculpture II
Ceramic & Sculpture III
Chamber Choir
Concert Band
Concert Choir
Dance I
Dance II
Dance III
Dance IV
Graphic Communications I
Graphic Communications II
Jazz Ensemble
Music Appreciation
Photojournalism I
Photojournalism I Honors
Photojournalism II
Introduction to Publications
Publications Design and Multimedia
Publication Design III/IV Honors
String Orchestra
Symphonic Band
Technical Theatre
Theatre Arts I
Theatre Arts II/III
Theatre Arts IV

G-ELECTIVE

Accounting
AP Microeconomics
AP Psychology
AVID 9-12
BITA I
BITA II
Broadcasting II
EAP Senior Math
Empowering Entrepreneurs
Government/Economics
Graphic Communications III
Intro to Business
Journalism; Production Management
Leadership
Psychology
Publications II
Publications III/IV

CTE Works

Detailed CTE Works Course Description can be found in the CTE Works Course Description section of this handbook, or www.cteworks.com.

WHAT IS CTE WORKS?

The CTE Works program provides an opportunity for students to explore the world of work while mastering the necessary skills needed for college, advanced training, business, and industry. Classroom instruction by industry experienced instructors and supervised hands-on training in a laboratory setting or training sites combines academic knowledge with new technical skills to **increase career AND college readiness**.

- Available for high school seniors and juniors. (Priority will be given to seniors)
- Select classes require a training site (called “community classroom” courses).
- Many classes are taught entirely in-classroom.
- Classes vary in length, from a 1 to 3-hour class/training periods per day.
- Classes may be taken within the student’s regular class day or during a period of time that extends outside the regular school day.
- Students **must be able to provide their own transportation** to training sites and to classes held at locations other than the student’s campus.
- In order to receive a Certificate of Completion, the student must complete the course with at least 95% attendance, a grade of C or better and master 80% of the core competencies.
- Most classes only accept students in the fall semester

CTEWORKS COURSE OFFERINGS

Please note that all CTEWORKS classes can be used as **WHS Technology or Elective** credit if not used to fulfill another requirement. Detailed course descriptions can be found on pages 60-61. If students would like to request a CTEWORKS course, they must meet with their counselor for registration information.

Course	Requirements Met: All meet Technology or Elective Requirement and/or:	Class Location	Time	“A-G” Approved Courses
Dental Careers*	Science Elective	Auburn CTE Center	7:30 - 10:30 am 1:00 - 4:00pm	No
Fire Science Careers*	Science or Math or PE Elective	Maidu Fire Station, Auburn	7:30 - 10:30 am 1:00 - 4:00 pm	No
Health Careers*	Science Elective	Auburn CTE Center	7:30 - 10:30 am 1:00 - 4:00 pm	No
Integrated Animal Science	Science Elective	Auburn CTE Center	7:30 - 10:30 am 1:00 - 4:00 pm	Yes
Medical Assisting, Clinical	Science Elective	Auburn CTE Center	1:00 - 4:00 pm	No

*** Vaccinations required prior to the first day of class. Please visit the CTEWORKS website for additional information or see your counselor or visit the College & Career Center.**

ALTERNATIVE EDUCATION

Rocklin Unified School District offers several alternative programs for students to complete their education. These programs are planned to help individuals earn a high school diploma. For more information, visit the Rocklin Alternative Education Center's website at: <http://vhs.rocklinusd.org>.

Victory High School is a continuation high school program. Victory High School is WASC accredited and recognized by the State of California as a Model Continuation School. Victory provides students a smaller academic setting to reach their goals of a high school diploma as well as planning for their future. The continuation education staff focuses on student-centered instruction that provides pathways for a diverse student population to acquire the skills of the core curriculum. The continuation staff continually assesses the personal and academic needs of students and makes appropriate adjustments. Classes at Victory are no larger than 18 students (with a total student population ranging from 80 – 120). Students earn credit through a time on task model which emphasizes strong attendance and participation. A diploma from Victory High School allows students access to all community colleges, most trade schools and access to the military. Due to smaller class sizes and more individualized attention, students are able to see success both in the classroom and in the school environment. Students interested in attending this program should meet with their counselor first. The program offers a curriculum that is personalized and contains work study and work experience components as well. In order to graduate from Victory High School, students must earn 200 credits. Qualifications for enrollment are that you are a Junior or Senior and at least 16 years of age. Please note: this program does not meet the UC/CSU AG requirements. See website for further information: <http://vhs.rocklinusd.org/>.

Age/Grade Requirement: Students must be 16 years of age, a junior or senior, and a Rocklin resident.

Rocklin Independent Charter Academy (RICA) is an accredited K-12 school that strives to meet the growing needs of students by preparing them for a career and college by offering a 3 Tier blended school model. Teachers use a combination of direct classroom instruction, online courses, and independent study to build an educational plan to meet the needs of every student. RICA offers blended courses through the use of Schoology in all subject areas such as English, math, history, science, art, health, and electives. These courses are taught using a wide range of resources from textbooks, videos, interactive lessons, and other supplementary materials. Students are engaged in the materials through assignments, forums, journals, tests, quizzes, and surveys.

We also offer traditional online courses through a curriculum based program called OdysseyWare. All rigorous and relevant course work is completed online, at home, or at school to meet the same requirement as our direct instruction classes. In addition, some students also attend small direct instruction classes in math and English as well as science labs. Students meet with teachers in traditional group settings and receive teacher led instruction, participate in active conversations around texts, and collaborate on extended learning projects. All student work is monitored by highly qualified credentialed teachers who meet weekly with students to review, correct, proctor, and instruct in person. If students find they need more help, we provide tutoring.

The unique design of RICA gives students a voice in their own educational goals. This voice leads to an ownership in personal academic achievement and a more positive learning experience which in turn helps them find success in future career or college of choices. RICA students have the opportunity to enroll in Associated Student Body (ASB). This course is designed to give students the opportunity for active participation in student leadership. Working with an advisor, students plan and conduct social activities for the school student population while learning about government procedures and earning elective or government credits.

Rocklin Independent Charter Academy is a Western Association of Schools and Colleges/WASC accredited school which offers California State Standards Based Curriculum for students in grades K-12 culminating with a high school diploma. The RICA curriculum and instruction is tailored to meet the individual needs of its students providing choice, variety and flexibility. A variety of curriculum delivery options designed for charter school students is available. RICA is a blended model school with the support of a tutoring, intensive intervention, direct instruction, technology, electives, and college preparation coursework. Student assessment and performance is instructed and supervised by fully credentialed teachers. The School's founders believe that a well-educated person in the 21st century possesses the knowledge and skills to succeed as effective citizens, workers, and leaders. They should be able to see connections so as to be able to make sense of the world and act within it in creative ways to purposely communicate, problem solve and an disseminate information.

The program is located on the Rocklin Alternative Education Center campus and is open to all students regardless of district of residence. RICA requires students to earn 200 credits to graduate. Please note, this program does not currently meet the UC./CSU A– G requirements for Science and Foreign Language only. Further information can be found on the school website at: <http://rica.rocklinusd.org/>.

General Education Diploma (GED) is an option available through Roseville Adult Education and is the equivalent to a high school diploma. A certificate is awarded when each of the five timed tests in different subject areas is passed. The subject tests include: Writing, Social Studies, Science, Interpreting Literature and the Arts, and Mathematics. The GED may be taken by a California resident or a member of the armed forces assigned to this state who meets any one of the following criteria:

- Candidate is 18 years of age or older within 60 days of their birthday.
- Candidate is no longer in school, but had they remained in school, it is within 60 days of when their class would have graduated.
- Candidate is 17 years, 10 months of age and has been out of school for at least 60 consecutive days, and they can provide a letter of request for the test from the military, a post-secondary educational institution, or a prospective employer.
- Candidate is 17 years of age and began the GED test battery while incarcerated in a California state or county correctional facility.

California High School Proficiency Exam (CHSPE) is an equivalency option provided by the State Department of Education. Each person who passes the CHSPE is awarded a Certificate of Proficiency, which is equivalent by law **in the state of California** to a high school diploma. In this case, the high school *does not issue a diploma*.

The CHSPE may be taken by persons who are 16 years or older on the day of the exam. Persons who are younger than 16 may also take the test if they have completed a year of enrollment in the 10th grade or will complete a year of enrollment in the 10th grade at the end of the semester in which the next regular test date falls. Passing the test does not exempt a student from required school attendance unless the examinee has also reached their 16th birthday and has presented verified parental permission. The CHSPE is given three times each year, once in October, March and June. Results are mailed to the school and the student approximately 5 – 6 weeks after the testing date. Additional information may be found at <http://www.chspe.net>.

THE COLLEGE & CAREER CENTER

<http://whs.rocklinusd.org/Counseling/College--Career-Center/index.html>

The College & Career Center provides information and support for colleges, career opportunities, scholarships, community service, employment, tutoring and much more. The College & Career Center maintains a library of current college catalogs and directories, websites and a web-based college and career search program. Other resources include military recruitment information, SAT and ACT registration and job placement. Workshops on college application, financial aid and college placement testing are offered. As part of the Placer County Foothills High Schools Consortium, the College & Career Center hosts a College Night at Rocklin High School. More than 200 colleges from across the state are invited to showcase their schools during a one-night event in the fall.

How can students and parents use the College & Career Center? Parents and students are welcome to access all of the resources in the College & Career Center. Appointments can be made to visit with the Career Techs and drop-ins are welcome. The College & Career Center is open before school, during breaks, lunch, or after school. Classes visit the College & Career Center for specific lesson plans or for general information. Groups are invited to the College & Career Center for presentations from college reps or career topics. The College & Career Center web pages (listed above) offer information and links to valuable college and career resources.

Community Service: Students must complete **25 hours** of community service. This requirement will be met through clubs, athletic teams, or individually on a community service project throughout the year. See the College & Career Center for more information. All WHS students are required to meet this graduation requirement to earn their diploma. Students who complete 150 or more hours of service will be recognized for Distinguished Community Service.

Work Permits: By federal law and State Ed. Code 49164, all students under age 18 must have a valid work permit to be employed (including vacations and summer break). Work permit eligibility follows the same guidelines as athletic eligibility. Students are required to maintain a 2.0 grade point average **with no more than one NM/NC** (based on their most recent report card) and be attending school regularly to hold a work permit. Students may obtain a “Request for Work Permit” in the College and Career Center or on the WHS website. The student, parent, and employer must complete all information requested. Work permits will be issued within two school days after the completed request has been submitted. Work permits are issued for up to one year and expire every August (including those issued during summer break). Permits may be revoked at any time if attendance and graduation requirements are not being met.

Armed Services Vocational Aptitude Battery (ASVAB): This is a multiple aptitude test offered free of charge by the Department of Defense. The ASVAB can be used to estimate how well students perform in the following occupations: mechanical and crafts, business and clerical, electronics and electrical, health, social and technology. Contact the College & Career Center for date and time the test is to be given.

COUNSELING CENTER SERVICES
<http://whs.rocklinusd.org/Counseling/index.html>

Back to School Night
 Career Center
 College Application Assistance Workshops
 College Financial Planning Night
 College Representative Fair
 College/Career Counseling
 Computerized College/Career Searches
 Counseling for Students-At-Risk
 Grade Level Information Nights for Parents
 Incoming Freshmen Orientation/Showcase Night
 Lending Library for College Students

Mid- Year Intervention
 Parent Teacher Conferences
 Peer Counseling
 Peer Conflict Mediation
 Career Technical Education (CTE)
 Rocklin Alternative Center Information
 Scholarship Information/Search Tools
 School Psychologist
 Speech Therapist
 Standardized Testing Services
 Transcripts

STUDENT ACTIVITIES
<http://whitneyactivities.wix.com/leadership>

Basic Requirements for Participation in Student Activities: Whitney High School offers an extensive extracurricular activity program. It is the intent of this program to offer the students the opportunity to develop skills and talents in a healthy and constructive way outside the normal classroom setting. Involvement in extracurricular activities places a student in the role as a representative of WHS. Whitney High School expects him/her to maintain high moral, ethical, health and academic standards. Please visit the above school website to view a list of current activities available.

ATHLETICS
<http://www.whitneywildcats.org/>

Please refer to the Athletic Handbook for more details regarding student participation in athletics. This handbook is available at the Assistant Principal's Office.

FALL	WINTER	SPRING
Boys and Girls Water Polo	Boys and Girls Basketball	Softball
Cheerleading	Cheerleading	Baseball
Dance	Dance	Boys Golf
Drill	Drill	Boys and Girls Swimming
Boys and Girls Cross Country	Boys Soccer	Boys Tennis
Football	Wrestling	Boys and Girls Track
Girls Golf		Boys Volleyball
Girls Tennis		Girls Soccer
Girls Volleyball		Stunt
Boys Soccer		

NCAA

NCAA Initial Eligibility Requirements: High school athletes who plan to participate on NCAA Division I or II college athletic teams need to be aware of the specific courses and SAT/ACT test scores that meet NCAA Eligibility Requirements. These requirements differ from the WHS graduation and college/university admission requirements. It is the student's responsibility to verify that high school courses taken meet the NCAA core course requirements. Please note: NCAA requirements are not the same as the CSU or UC requirements. Find complete information at www.eligibilitycenter.net.

Course Descriptions

*Course offerings are subject to change
based on student enrollment*

For the most current information, please visit our website:

<http://whs.rocklinusd.org/Counseling/index.html>

AVID

<http://whs.rocklinusd.org/Academics/AVID/index.html>

The following courses meet the WHS **elective** requirement for graduation (50 credits).

AVID (Advancement via Individual Determination) is a four-year program that seeks students in the academic middle. AVID students challenge themselves academically in order to be eligible for a four-year university. Application and AVID Site Team approval are required. Typically, applicants are students who:

- Have a desire for preparation for four-year university
- Demonstrate academic determination and strong work ethic
- Possess the ability to communicate and collaborate well with others
- Are able to meet or exceed a-g university entrance requirements with AVID support
- Will complete college entrance exams (PSAT, SAT, ACT) as well as Advanced Placement courses and exams by the time they graduate
- May be the first in their family to earn a four-year university degree

AVID 9

Grade Level: 9

Prerequisite: Application and AVID Site Team approval.

Requirements Met:	WHS Elective	UC/CSU Approved "G"
-------------------	--------------	---------------------

Students will focus on transitioning to high school life and improving the foundational learning skills necessary for a college preparatory curriculum. Students will develop writing, inquiry, collaboration, and reading skills along with binder organization, note-taking, time management, goal setting, and college exploration. Students engage in collaborative tutorial sessions to gain a greater understanding of material in their content area classes. This is not a time spent doing homework.

AVID 10

Grade Level: 10

Prerequisite: Application and AVID Site Team approval.

Requirements Met:	WHS Elective	UC/CSU Approved "G"
-------------------	--------------	---------------------

Students will develop and extend the foundational learning skills necessary for a college preparatory curriculum and will practice for and take the PSAT. Students will further develop writing, inquiry, collaboration, and reading skills at a more rigorous level. They will engage in collaborative tutorial sessions to gain a greater understanding of material in their content area classes. Students are expected to apply binder organization, note-taking, time management, and goal setting curriculum to their daily work in all their classes.

AVID 11

Grade Level: 11

Prerequisite: Application and AVID Site Team approval.

Requirements Met:	WHS Elective	UC/CSU Approved "G"
-------------------	--------------	---------------------

Students will prepare to meet college entrance requirements and improve college readiness skills. Students will develop critical reading and writing skills, refine study and organization habits, and practice public speaking skills. Students work collaboratively with peers and college student tutors. They will learn about post-secondary options, financial aid, college life, and majors in preparation for senior year decisions. Students will prepare for and take college entrance exams, draft forms for letters of recommendation, create a high school resume, and draft personal statements. Students are encouraged to take at least one AP class and the corresponding exam or a CSU/UC transferable community college class.

AVID 12

Grade Level: 12

Prerequisite: Application and AVID Site Team approval.

Requirements Met:	WHS Elective	UC/CSU Approved "G"
-------------------	--------------	---------------------

Students will continue to learn in a collaborative environment with peers and college student tutors. Students will write college admissions essays, fill out college applications, and complete the process of applying for financial aid through the FAFSA form, Cal-grant GPA verification form, and scholarships. In preparation for the rigors of university, students will read, write, and research at the college entry level. Students will take at least one AP class and the corresponding exam or a CSU transferable community college class. Students and parent/guardian are required to attend school sponsored information nights.

CAREER AND TECHNICAL EDUCATION (CTE) PATHWAYS

<http://whs.rocklinusd.org/CTE/index.html>

The Whitney High School Career and Technical Education Pathways offer students a unique perspective into a field of study that they might want to pursue upon their graduation from Whitney. The classes listed below adhere to the CTE guidelines set forth by the California Department of Education. Students completing the pathway will have the opportunity to achieve specific competencies in that area of study, earn a program certificate and/or pre-apprenticeship certification, develop an industry specific portfolio, display a special graduation cord, obtain an internship with a local business or on campus, travel to conferences and/or competitions, receive college credit (dual enrollment) in some classes, and establish a professional online presence. No matter what your future holds (four year college, junior college, trade school, or career), set yourself apart from the crowd and take part in the Whitney CTE pathways.

C-STEM

Grade Level: 9

Prerequisite: None

Requirements Met:	WHS Technology (Applied Science) - 5.0 Credits
--------------------------	---

The course focuses on studying digital citizenship and ethics, learning the fundamentals of graphic design, photo and video editing, word processing, and public speaking. Students will master the foundation standards by which computer and manufacturing technologies are utilized at Whitney High School as well as in colleges and careers. The freshmen will learn industry standard core applications including Google Apps (Mail, Docs, Calendar, Slides), various web-based applications (PIXLR, SVG BOXR). Then, they will create a high school e-portfolio that will serve them throughout their high school years and beyond. Students will be guided according to nationally recognized technology standards (see: www.iste.org, NETS for Students) as well as California State Career and Technical Education (CTE) Standards (see www.cde.ca.gov) through thematic project-based lessons. This course partially fulfills Whitney High School's technology graduation requirement.

ARCHITECTURAL AND STRUCTURAL ENGINEERING

FOUNDATIONS OF CONSTRUCTION (BITA I)

Grade Level: 9-10

Prerequisite: None

Requirements Met:	WHS Technology (Applied Science)	UC/CSU Approved "G"
--------------------------	---	----------------------------

In year one of the Building Industry Technology Academy, students gain basic construction skills in the following areas: use of hand tools, machine tools operation, types of construction materials used in the industry, construction and organizational operations, sub-flooring, framing, roofing, blueprint reading, and construction-specific math.

CRAFTSMANSHIP AND CONSTRUCTION TECHNOLOGY (BITA II)

Grade Level: 10-11

Prerequisite: Foundation of Construction (BITA I)

Requirements Met:	WHS Technology (Applied Science)	UC/CSU Approved "G"
--------------------------	---	----------------------------

Year two provides the students an opportunity to explore various trades in more depth using construction labs and student-directed activities facilitated by the instructor. Students can explore all of the lab activities or pursue advanced levels in an area of interest. All students study electrical in the course of year two. The trade areas explored include concrete, masonry, surveying and site prep, HVAC, plumbing, drywall, painting, and tile. Students will also be incorporating CAD software (Fusion 360, RhinoCAM, Mosaic) for the design of the structures and use of industry level CNC machinery.

ADVANCED CONSTRUCTION (BITA II-Dual Enrollment Pending)

Grade Level: 11-12

Prerequisite: Foundation of Construction (BITA I) and Craftsmanship and Construction Technology (BITA II) and instructor approval

Requirements Met:	WHS Technology (Applied Science)
--------------------------	---

This course is designed to introduce the student to the build environment, students will be exposed to building industry: trends, organizations, construction processes, contracting laws, regulations, business aspects and career pathways. This course will provide instruction and assignments centered on basic home building process i.e. Property/house selection, permits, site preparation, foundation, framing calculation and characteristics of materials, carpentry, framing, basic electrical wiring, plumbing, measurement systems, and the safe use of hand/ power tools. The goal is to expose the student to each of these areas of study while applying a method or technique through project based learning. Dual Credit (Pending): While enrolled in BITA 3 at Whitney, you have the opportunity to dual enroll in CET 0005 Introduction to the Built Environment at Sierra College. At the completion you will have earned 3 college units through Sierra College which are transferable to a CSU and can also be used as 1 of 3 required courses to earn the Sierra College Certificate in Basic Construction. During the first part of the class all you have to do is fill out a form to register for CET 005 and pass BITA 3 to earn the credits. CET 0005 is transferable to CSU.

ARCHITECTURAL DESIGN

Grade Level: 10-11

Prerequisite: Foundation of Construction (BITA I)

Requirements Met:	WHS Technology (Applied Science)
--------------------------	---

Architectural and Structural Engineering provides learning opportunities for students interested in preparing for careers in such areas as architecture, industrial design, and civil engineering. how architecture is shaped by history and the significant events in the history of structural engineering, theoretical, practical, and contextual issues that influence design, the relationship between architecture and the external environment, the mechanics and properties of structural materials, the methods used to analyze simple structures, the use of computer-aided drafting and design (CADD) in developing architectural designs, how to systematically complete an architectural project, methods of creating written and digital portfolios, and the effective use of architectural and structural equipment.

ENGINEERING DESIGN

Grade Level: 11-12

Prerequisite: Foundation of Construction (BITA I) and Architectural Design

Requirements Met:	WHS Technology (Applied Science)
--------------------------	---

Engineering Design provides learning opportunities for students interested in preparing for careers in the design and production of visual communications. Students plan, prepare, and interpret drawings and models through traditional drafting or computer-aided drafting and design (CADD) techniques. The historical and current events related to engineering and design and their effects on society, use of engineering design equipment, measurement systems applied to engineering design, proper projection techniques to develop orthographic drawings, object-editing techniques and CADD programs, applying proper dimensioning to drawings, sectional view applications and functions, tolerance relationships between mating parts, inserting text into a drawing, sketching processes used in concept development, and creating written and digital portfolios.

INTERNSHIP AND CONSTRUCTION TECHNOLOGY (BITA IV-Dual Enrollment Fall 2018)

Grade Level: 12

Prerequisite: Foundation of Construction (BITA I), Architectural Design and Engineering Design or Foundation of Construction (BITA I), Craftsmanship and Construction Technology (BITA II) and Advanced Construction (BITA III) and instructor approval

Requirements Met:	WHS Technology (Applied Science)
--------------------------	---

Fundamentals of residential framing both conventional and green energy efficient techniques involving layout and construction to include: exterior and interior walls, ceilings, roof systems, stair designs and installation. Major lab project: framing a project in the community. Includes use and practices of materials and codes related to California Green Technology and "Net Zero Energy" policies. (CSU) Dual Credit: While enrolled in BITA 4 at Whitney, you have the opportunity to dual enroll in CET 0005 Introduction to the Built Environment at Sierra College. At the completion you will have earned 3 college units through Sierra College which are transferable to a CSU and can also be used as 1 of 3 required courses to earn the Sierra College Certificate in Basic Construction. During the first part of the class all you have to do is fill out a form to register for CET 0022 and pass BITA 4 to earn the credits. CET 0022 is transferable to CSU.

BUSINESS MANAGEMENT

INTRODUCTION TO BUSINESS

Grade Level: 9-10

Prerequisites: None

Requirements Met:	WHS Technology (Applied Science)	UC/CSU Approved "G"
--------------------------	---	----------------------------

A survey in business providing a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. The course demonstrates how these influences impact the primary areas of business and consumer behavior. Students have the opportunity to join the Future Business Leaders of America and travel. Introduction to Business is the first course in the Whitney High School business pathway.

ACCOUNTING

Grade Level: 11-12

Prerequisite: Integrated I and Introduction to Business

College Articulation: Students may articulate and receive CSU/UC transferable college credit at Sierra College

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved "G"
--------------------------	---------------------------------	----------------------------

This one-year course covers fundamental accounting principles for those who have had no previous study in bookkeeping or accounting. It provides practical training to enable students to hold bookkeeping or account clerk positions. Concepts covered will include basic accounting principles, data accumulation for financial statements, and the accounting cycle. The course utilizes a computerized accounting system, spreadsheets, and the use of word processing software for business applications. Students have the opportunity to join the Future Business Leaders of America and travel.

EMPOWERING ENTREPRENEURS

Grade Level: 11-12

Prerequisite: Introduction to Business and Accounting

Requirements Met:	WHS Technology (Applied Science)	UC/CSU Approved "G"
--------------------------	---	----------------------------

Entrepreneurship will teach the necessary skills and approaches to successfully evaluate and create new business opportunities. Emphasis is placed on projects and activity based learning. Students will engage in team building and collaborative activities, with the intent of increasing career and college readiness. Students will explore the complex tasks, expectations, and restrictions of individuals engaged in entrepreneurial activities. Students will progress through different methods for developing business ideas, the processes of starting a business, the acquisition of resources, and the key components of a business plan. Students have the opportunity to join the Future Business Leaders of America and travel.

COMPUTER SCIENCE

COMPUTER SCIENCE I

Grade Level: 9-10

Prerequisite: None

Requirements Met:	WHS Technology
--------------------------	-----------------------

Students will learn the fundamental concepts and terminology of software application development and develop skills in designing and writing simple computer programs. The course assumes no programming background and provides an overview of the software development process in addition to introducing important programming constructs and methodologies. The course covers such topics as programming language characteristics, integrated development environments, flowcharts, algorithms and pseudocode, variables, operators, conditional statements, looping statements, procedures, error-handling and debugging, object-oriented programming techniques, user interface design, software modeling, and Extensible Markup Language (XML) Web services. Students will learn the fundamental concepts and terminology of software application development and develop skills in designing and writing simple computer programs.

COMPUTER SCIENCE II - **Coming in 2018-2019

Grade Level: 10-11

Prerequisite: Computer Science I

Requirements Met:	WHS Technology
--------------------------	-----------------------

**Coming in 2018-2019

EDUCATION

CHILDHOOD AND ADOLESCENT DEVELOPMENT I

Grade Level: 9-10

Prerequisite: None.

Project ownership requires monetary contribution of \$40.

Requirements Met:	WHS Elective
--------------------------	---------------------

Childhood and Adolescent Development is a Career Technical Education course, which provides students the opportunity to study the physical, cognitive, language, social, and emotional developmental stages of children from conception through adolescence. Students will study topics such as brain development, families and parenting, prenatal development, developmental milestones from birth through adolescence, health and safety issues, guidance and discipline, cultural diversity, child care, education, children with special needs, and career decisions. This course provides a solid foundation for any career that involves working with children.

CHILDHOOD AND ADOLESCENT DEVELOPMENT II

Grade Level: 10-11

Prerequisite: Childhood and Adolescent Development I

Project ownership requires monetary contribution of \$40.

Requirements Met:	WHS Elective
--------------------------	---------------------

Childhood and Adolescent Development II, is a Career Technical Education course, which is centered around the developmental psychology of children and adolescents. This course provides students the opportunity to study the physical, perceptual, cognitive, personality, and language developmental stages of children from school-age through adolescence. It includes the principle theories of development, their interrelatedness, and their application. Students who enroll in Childhood and Adolescent Development II will gain knowledge in the fields of child development, child psychology and career readiness.

STARS - STUDENTS TEACHING AND REACHING STANDARDS

Grade Level: 11-12

Prerequisite: Child and Adolescent Development I, application, interview, and selection process.

Internship Included: Yes (2 period class)

Project ownership requires monetary contribution of \$40.

Requirements Met:	WHS Technology
--------------------------	-----------------------

STARS is a Career Technical Education course that is offered to Junior and Senior students and is the capstone course for the Education Pathway. Students study positive interactions and guidance techniques and developmentally appropriate practices and curriculum activities. Students will also study education as a profession and a field of study, California's content standards and frameworks, teacher performance standards, theories of human development and implications for a classroom, principles of teaching and learning, principles of team-building and creating a positive school climate, philosophies of education and leadership, exceptional student issues, controversial issues in education, and job-seeking skills. Once trained, students are assigned a classroom at a school within our district where they participate in an internship allowing students to apply their learning in authentic situations in order to deepen their ability to think critically and solve problems in real-life situations and reflect on their own teaching practices. Upon completion, students will finish the year with over 75 hours of practical Early Childhood work experience and a portfolio with a resume, references, and work samples. Students must provide their own transportation to and from the assigned school site. Project ownership requires monetary contribution of \$40.

FOOD SERVICE AND HOSPITALITY

CULINARY I (BEGINNING FOODS)

Grade Level: 9-12

Prerequisite: None

Requirements Met:	WHS Elective
--------------------------	---------------------

This is a comprehensive course designed to introduce students to the nutrient value, appetite appeal, social significance and cultural aspects of food. Students will participate in cooking labs, as well as a variety of classroom activities. Emphasis will be on reading recipes, measuring accurately, and food preparation. Basic food science principles will be introduced. Kitchen safety and sanitation; proper use of equipment; essential job skills in the food industry will be reinforced as well.

CULINARY II (BAKING & PASTRY CAREERS)

Grade Level: 10-12

Prerequisite: Culinary I or teacher approval

Requirements Met:	WHS Elective
--------------------------	---------------------

This course is designed to prepare students for the specific entry-level skills needed to excel in this exciting career within the foodservice industry. Students will learn the culinary skills that are foundational to baking and patisserie including breads, specialty breads, hot and cold plated desserts, cakes, chocolate work, and pastries. School to career business lessons will help prepare students for a successful transition into postsecondary education or career exploration. Students who complete the program will have met the California Foodhandler's Card requirement for safe food handling. Jobs in this specialty area include: Executive pastry chef, bread and pastry bakers, dessert specialists, catering specialists, patisserie specialists, institutional and cafeteria baker, and gourmet specialty baker. With a Certificate of Completion, the student will be prepared to meet the demands that employers want and need.

CULINARY III (FOOD SERVICES AND HOSPITALITY OCCUPATIONS – WILDCAT CAFÉ)

Grade Level: 11-12

Prerequisite: Culinary I and II or teacher approval

Requirements Met:	WHS Elective
--------------------------	---------------------

This advanced culinary course teaches entry level skills for hospitality including: professional knife skills, preparation of quality fresh food, customer service and teamwork. Additional study areas will include safety and sanitation, use and care of commercial equipment, management of food establishments, and food service standards. Working in the Wildcat Café periodically during lunch is required because it provides students with specific hands-on skills in this industry. As a capstone project, students will work in groups to design and present their own restaurant concept. Students who complete the program will have met the California Foodhandler's Card requirement for safe food handling. Jobs in this specialty area include: Restaurant owner, Executive Chef, Food & Beverage Manager, Banquet Manager, Director of Menu Development, Director of Purchasing, and Caterer. With a Certificate of Completion, the student will be prepared to meet the demands that employers want and need.

GRAPHIC ARTS & TECHNOLOGY

GRAPHIC COMMUNICATIONS I

Grade Level: 9-12

Prerequisite: None

Project ownership requires monetary contribution of \$30

Requirements Met:	WHS Technology (Applied Science) or VAPA	UC/CSU APPROVED "F"
--------------------------	---	----------------------------

Desktop publishing and graphic design will be emphasized in this hands-on class. Students will be introduced to a variety of design categories, digital media, and careers: advertising, publication design, posters, photo manipulation, illustration, and more. An emphasis is placed on an introduction to the elements and principles of design, color theory, and typography utilized for visual communication. Using graphic design, students will be exposed to the the skill of visual communication to represent ideas or concepts. Students will be given the opportunity to explore the design process and; using critical thinking skills, find creative visual solutions while designing many of their own projects. Software training includes use of Adobe Illustrator and Photoshop. Project ownership requires monetary contribution of \$30.

GRAPHIC COMMUNICATIONS II

Grade Level: 10-12

Prerequisite: Graphic Communications I or extensive portfolio of work presented to teacher for approval

Project ownership requires monetary contribution of \$30.

Requirements Met:	WHS Technology (Applied Science) <u>OR</u> VAPA	UC/CSU APPROVED "F"
--------------------------	--	----------------------------

Graphic Communication II builds on skills learned in Graphic Communications I by emphasizing skill development in desktop publishing, graphic design, and professional printing. Students will continue to explore the design process and find creative visual solutions while having the opportunity to design actual client-based projects for campus programs such as athletics, VAPA, student events/activities, and technology. Students will gain an understanding of the processes and systems common to careers in Graphic Design, Print, Advertising, and Marketing. Emphasis is placed on idea generation, techniques for inspiration, communicating individual creative processes, and evaluation of design (your work and others) for audience, meaning, and effectiveness. Students will also begin to create an online portfolio of their work to showcase their continued learning as they grow individually as designers. Software training includes advanced techniques in Photoshop, Illustrator, and introduction to InDesign.

GRAPHIC COMMUNICATIONS III

Grade Level: 11-12

Prerequisite: Graphic Communications I and II

Requirements Met:	WHS Technology (Applied Science) <u>OR</u> VAPA	UC/CSU APPROVED "G"
--------------------------	--	----------------------------

Graphic Communication III provides students with continued understanding of the processes and systems common to careers in Graphic Design, Print, Advertising, Marketing, and more. This graphic design studio style class incorporates on campus, local business, and community client driven projects, which calls for students to think analytically and problem solving real world projects. Emphasis is placed on continuing to strengthen design concepts, spatial reasoning, effective design composition, professional client communication, evaluation of design (your work and others) for audience, meaning and effectiveness, and continuing to develop a professional portfolio to showcase their continued learning. Students will have the opportunity to develop leadership skills, visit local industry vendors and design studios, and travel to design conferences or workshops to further fuel the growth and interest of a possible career in the Design Industry. Software training includes advanced techniques in Photoshop, Illustrator, and InDesign. Project ownership requires monetary contribution of \$30.

GRAPHIC COMMUNICATIONS IV

Grade Level: 11-12

Prerequisite: Graphic Communications I, II, and III

Requirements Met:	WHS Technology (Applied Science) <u>OR</u> VAPA
--------------------------	--

Building on skills learned in Graphic Communications III, Graphic Communications IV strengthens understanding of the processes and systems common to careers in Graphic Design, Print, Advertising, Marketing, and more. This graphic design studio style class incorporates on campus, local business, and community client driven projects which calls for students to think analytically and problem solve real world scenarios. Students have the opportunity to reach out to their own community and seek out a freelance client and apply skills such as: working with a designer, developing and maintain a business relationship, constructing a creative brief, and understanding relationships between cost, quality, and time constraints for design and printed materials within the client's budget. Students will have the opportunity to develop leadership skills with the possibilities of being the lead designer in small design groups, visit local industry vendors and design studios, and travel to design conferences or workshops to further fuel the growth and interest of a possible career in the Design Industry. Students will continue to develop a professional portfolio to showcase their continued learning to potential clients, employers, or institutions of higher learning. Software training includes advanced techniques in Photoshop, Illustrator, and InDesign. Project ownership requires monetary contribution of \$30.

MEDIA AND DESIGN ARTS

INTRODUCTION TO PUBLICATIONS DESIGN AND MULTIMEDIA

Grade Level: 9 - 10

Prerequisite: None

Requirements Met:	WHS Technology (Applied Science)	UC/CSU Approved "F"
--------------------------	---	----------------------------

Students in this foundational class will explore all aspects of modern media production and design. Students will master basic design skills for print, social media and web using a variety of current software. In addition, students will work in teams using critical thinking skills to conceive, develop, report and produce projects on a variety of topics. The work is largely project-based, requiring both independent work and group management skills for success — a critical career skill in an ever-evolving work environment. Formats explored will be modern multimedia and social media for storytelling, which includes photography and video, preparation for web production and print readiness for magazine and yearbook. This Career and Technical Education (CTE) course will prepare students for a future in the nationally award-winning Whitney High Student Media program as well as begin to establish career skills in the Arts and Media Entertainment fields.

PHOTOJOURNALISM I, PHOTOJOURNALISM 1 HONORS

Grade Level: 9-12

Prerequisite: Introduction to publications design and multimedia

Requirements Met:	WHS Technology <u>OR</u> VAPA	UC/CSU Approved "F"
--------------------------	--------------------------------------	----------------------------

Working with a wide variety of cameras, smartphones and digital editing software, students will have a chance to tell stories through digital photography as well as learn how to edit, manipulate and design with images using Photoshop and mobile apps. In addition to basics like composition and exposure, students will explore photo storytelling with smart phones, 360-degree photo/video and other new technologies including virtual reality as they capture life in high school by taking pictures of school activities, portraits, sports and other activities. Some work will be featured locally in the community and on social media as well as published in the yearbook, news magazine and website. Students have a chance to enter a variety of state and national competitions. Participation in this class includes optional trips to national conventions and workshops. Digital cameras and innovative mobile tools are provided for student use. Project ownership requires monetary contribution of \$30.

PHOTOJOURNALISM II/III (ADVANCED PHOTOJOURNALISM)

Grade Level: 10-12

Prerequisite: Introduction to publications design and multimedia , Photojournalism I and teacher approval

Requirements Met:	WHS Technology <u>OR</u> VAPA	UC/CSU Approved "F" (Photojournalism II only)
--------------------------	--------------------------------------	--

In this second and third year of photojournalism, students will extend skills learned previously with a more individualized learning plan. In addition to capturing storytelling photos with a wide range of professional cameras and lenses, advanced students will have the opportunity to explore new technology and creative design opportunities to showcase photos in student media. As leaders in the program, they will serve as mentors to beginning level students and will coordinate special projects including photo shoots with backdrops, strobes, filters and special shoots for athletics and clubs on campus. Experience with online digital media tools, iPads, Photoshop and social media photography is part of this hands-on class. Project ownership requires monetary contribution of \$30.

PUBLICATIONS II

Grade Level: 10-12

Prerequisite: Introduction to publications design and multimedia, Graphic Communications I, Photojournalism I or instructor's waiver by application.

Requirements Met:	WHS Technology	UC/CSU Approved "G"
--------------------------	-----------------------	----------------------------

In this media production course, advanced publications students are part of Whitney High Student Media. Led by student editors, they produce media for publication by determining its content and design, including the yearbook and magazine as well as a variety of online and multimedia components for digital communication. Students will use cutting-edge graphic design software such as Adobe InDesign and Photoshop and other digital imaging programs to prepare their work for submission to publishing companies. Students will take photographs using a variety of professional-level cameras and apply digital imaging and pre-production skills as well as report, write and design all copy using computers, laptops and iPads throughout this technical and career-prep course. All equipment is provided for student use. Students also gain experience with social media, advertising, marketing, public relations and real-world business skills and have the option to attend trips to national conventions and workshops and earn recognition in state and national student media competitions.

PUBLICATIONS III/IV, PUBLICATIONS PRODUCTION III/IV HONORS

Grade Level: 11-12

Prerequisite: Introduction to publications design and multimedia , Publications II

Requirements Met:	WHS Technology	UC/CSU Approved “G” (Publications III/IV) UC/CSU Approved “F” (Honors)
--------------------------	-----------------------	---

Continuing publications students will be expected to fulfill a variety of leadership and management roles as part of Whitney High Student Media. This is a capstone class in which students apply practical skills learned in a leadership role. Students will also be expected to peer coach, edit, plan, and produce student media and school publications as advanced designers, reporters and photographers. The cutting-edge course includes emerging technology, career shadowing opportunities and a wide variety of social media, advertising, marketing and real-world business skills.

MEDIA PRODUCTION MANAGEMENT (TITLE ON TRANSCRIPT: Journalism: Production Management)

Grade Level: 11-12

Prerequisite: Introduction to publications design and multimedia, teacher approval

Requirements Met:	WHS Technology (Applied Science) <i>OR</i> VAPA	UC/CSU APPROVED “G”
--------------------------	--	----------------------------

Based on successful media and design work in Whitney High Student Media, students can select this elective to pursue a top media management leadership role with special emphasis on serving as an editor of the yearbook, news magazine or news website. Students will develop a plan and work with a department instructor. The course also provides the opportunity to communicate with and shadow local media professionals such as photographers, graphic designers, press operators, printers and others in the industry to coordinate special projects. Editors and students seeking leadership experience are strongly encouraged to enroll in this course, which also counts as the leadership component requirement in order to earn WHS Distinguished Scholar.

PRODUCTION AND MANAGERIAL ARTS - BROADCASTING

BROADCASTING I (INTRODUCTION TO BROADCAST JOURNALISM AND FILM PRODUCTION)

Grade Level: 9-12

Prerequisite: None

Requirements Met:	WHS Technology <i>OR</i> VAPA	UC/CSU Approved “F”
--------------------------	--------------------------------------	----------------------------

This course explores the fascinating world of digital video and television production. Students learn on professional equipment in a modern digital TV studio. They also gain experience with industry standard video editing software. Students work in collaborative teams to produce projects using cameras, while learning the basics of studio and field production, lighting and sound. Special emphasis is placed on creativity and the writing process. In the first semester, students study film production to create a commercial, public service announcement, and a short film. In the second semester, they study and practice the elements of broadcast journalism with an emphasis in news gathering, writing, and editing, to create a reporter news package and a sports highlight package. By the end of the school year, students write, produce, and direct a 30-minute news magazine show for cable access that includes their commercials and reporter stories. This class also provides solid foundation knowledge for students who go on the Communication or Broadcast majors at the university level. All the assignments in this class are aligned with the California Visual and Performing Arts Standards or the California Career Technical Education Model Curriculum Standards.

BROADCASTING II/III/IV (ADVANCED FILM PRODUCTION)

Grade Level: 10-12

Prerequisite: Broadcasting I or with teacher approval and application.

Requirements Met:	WHS Technology <i>OR</i> VAPA	UC/CSU Approved “G” (Broadcasting II) UC/CSU Approved “F” (Broadcasting III)
--------------------------	--------------------------------------	---

This course builds on the film production skills learned in the introduction class. Students in this course produce and direct six video projects a year. They can chose to create a: Commercial, Public Service Announcement; Short Film; Movie Trailer; or Music Video. The projects are entered into several regional and national competitions. Students in the program have earned high school Emmy awards and have placed in national film competitions. Projects are used for the commercial break in our daily television show, Unleashed. In addition to video projects, students learn studio jobs to write, direct, and produce an award-winning daily TV show. Unleashed has won the “Best Daily” show in the country several times. All the assignments in this class are aligned with the California Visual and Performing Arts Standards or the California Career Technical Education Model Curriculum Standards. Also, this is a CTE capstone class that is articulated with local colleges. Students who satisfactorily meet the rigorous requirements of this course may receive college credit upon submission of a student reel for review. Those who achieve competency in this course will be prepared to enter a film or television production course at the college level.

BROADCASTING II/III/IV (ADVANCED BROADCAST JOURNALISM)

Grade Level: 10-12

Prerequisite: Broadcasting I or with teacher approval and application

Requirements Met:	WHS Technology <i>OR</i> VAPA	UC/CSU Approved "G" (Broadcasting II) UC/CSU Approved "F" (Broadcasting III)
--------------------------	--------------------------------------	---

This course builds on the broadcast journalism reporter and photographer skills learned in the introduction class. Students in this course produce six video projects a year. They can choose to create several different types of feature stories, including: Human Interest; Entertainment; News; and Sports. The projects are entered into several regional and national competitions. Students in the program have earned high school Emmy awards and have placed in national feature story and documentary competitions. Projects are used for the feature story segment, in our daily television show, Unleashed. In addition to video projects, students learn studio jobs to write, direct, and produce an award-winning daily TV show. Unleashed has won the "Best Daily" show in the country several times. All the assignments in this class are aligned with the California Visual and Performing Arts Standards or the California Career Technical Education Model Curriculum Standards. Also, this is a CTE capstone class that is articulated with local colleges. Students who satisfactorily meet the rigorous requirements of this course may receive college credit upon submission of a student reel for review. Those who achieve competency in this course will be prepared to enter a broadcast journalism course at the college level.

BROADCASTING II/III/IV (SPORTS BROADCAST JOURNALISM)

Grade Level: 10-12

Prerequisite: Broadcasting I or with teacher approval and application

Requirements Met:	WHS Technology <i>OR</i> VAPA	UC/CSU Approved "G" (Broadcasting II) UC/CSU Approved "F" (Broadcasting III)
--------------------------	--------------------------------------	---

This course builds on the sports journalism reporter and photographer skills learned in the introduction class. Students in this course write and produce six sports highlight packages a year. They attend sporting events, record the games, and interview players and coaches to create highlight stories. Students also produce several live events with play-by-play announcers, color commentary, and sideline reporters. The program is a high school version of ESPN. The projects in this course are entered into several regional and national competitions. Students in the program have earned high school Emmy awards and have placed in national live event and talent reel competitions. The football game coverage has earned "Best Live Event" in the nation several times. Also, the highlight packages are used for the sports segment in our daily television show, Unleashed. In addition to video projects, students learn studio jobs to write, direct, and produce an award-winning daily TV show. Unleashed has won the "Best Daily" show in the country several times. All the assignments in this class are aligned with the California Visual and Performing Arts Standards or the California Career Technical Education Model Curriculum Standards. Also, this is a CTE capstone class that is articulated with local colleges. Students who satisfactorily meet the rigorous requirements of this course may receive college credit upon submission of a student reel for review. Those who achieve competency in this course will be prepared to enter a sports broadcast journalism course at the college level.

SPORTS MEDICINE

SPORTS MEDICINE I

Grade Level: 10-11

Prerequisite: Biology

Requirements Met:	WHS Science Elective
--------------------------	-----------------------------

This course is designed to help students develop a general awareness of health careers and specific preparation for physical therapy and sports medicine occupations. Classroom instruction covers such topics as: medical terminology; human anatomy; emergency procedures; soft tissue and bone injuries; causes, symptoms and management of injuries; nutrition; physical fitness; and career opportunities. In addition to this ongoing classroom instruction, students will rotate through on-the-job training experiences with the athletic trainer, physical education instructors and recreational facility managers. Throughout this course, the students' core academic skills and ability to deal with people will be stressed.

SPORTS MEDICINE II

Grade Level: 11-12

Prerequisite: Sports Medicine I

Requirements Met:	WHS Science Elective
--------------------------	-----------------------------

This course will build on the concepts taught in Sport Medicine I and the student trainers will begin to interact with the athletic teams to carry out their sports medicine training. Furthermore, students will learn to understand kinesiology (how the body moves), understand exercise physiology (how exercise affects the body), understand principles of exercise training (aerobic fitness, muscle strength, flexibility), recommend safe, effective and well-rounded exercise programs, recognize a minor injury and recommend proper treatment, properly fit equipment, identify and properly apply training room management skills, understand and assist in application of treatment for heat and cold, and understand when to use and how to assist with manual treatments. Students will be expected to carry out tasks outside the traditional classroom environment and school day as they receive the opportunity to work with and be the student trainer for a specific sports team.

SPORTS MEDICINE III - **Coming in 2018-2019

Grade Level: 12

Prerequisite: Sports Medicine I and II

Requirements Met:	WHS Science Elective
--------------------------	-----------------------------

Based on successful completion of Sports Medicine I and II, students can select this elective to pursue a top student trainer position with special emphasis on serving as a student trainer at all major athletic events. Students will develop a plan and work with the athletic training staff. The course also provides the opportunity to communicate with and shadow local professionals in the fields of physical therapy and sports medicine to coordinate special projects.

ADDITIONAL CTE PATHWAYS INFORMATION

All CTE students can complete a pathway (3-4 consecutive classes in a program of study) and still easily qualify for admission into an University of California institution or a California State University. Please see the counseling department for exact specifications regarding your schedule, but an example four-year course of study is shown below:

CSU - UC Bound Student				
	9th Grade	10th Grade	11th Grade	12th Grade
1	Language Arts 1	Language Arts 2	Language Arts 3	Language Arts 4
2	Integrated Math 1	Integrated Math 2	Integrated Math 3	Fourth Year of Math
3	Physical Education	Physical Education	Physical Education	VAPA
4	Biology	Chemistry	Physics	Fourth Year of Science
5	Geography	World History	US History	Government/Economics
6	Foreign Language 1	Foreign Language 2	Foreign Language 3	Elective
7	Health	Elective	Elective	Elective
8	CTE 1	CTE 2	CTE 3	CTE 4 (internship)

Completion of a pathway will help students prepare for a variety of avenues upon their graduation from Whitney including, but not limited to: four year college, junior college, trade schools, and career fields. Students completing a CTE pathway will have the opportunity to achieve the following during their tenure at Whitney High School:

- Specific competencies in that area of study
- Earn a program certificate and/or pre-apprenticeship certification
- Develop an industry specific portfolio
- Display a special graduation cord
- Obtain an internship with a local business or on campus department
- Travel to conferences and/or competitions
- Receive college credit (dual enrollment) in some classes
- Establish a professional online presence

HEALTH & CONSUMER STUDIES

<http://whs.rocklinusd.org/Academics/Health/index.html>

This course meets the WHS Health graduation requirement (5 credits).

HEALTH

Grade Level: 9

Prerequisite: None

Requirements Met:	WHS Health
--------------------------	-------------------

This course will provide students with the skills and information needed to develop lifelong, positive, health-related attitudes and behaviors. Topics will include personal health and decision making, nutrition and fitness, mental health, alcohol tobacco and other drugs, and HIV/AIDS education.

CONSUMER ELECTIVES

The following courses will meet the WHS **elective** requirement (50 credits).

LIVING ON YOUR OWN (LOYO)

Grade Level: 11-12

Prerequisite: None

Requirements Met:	WHS Elective
--------------------------	---------------------

Living On Your Own (LOYO) is an elective course designed to prepare juniors and seniors for life after high school. Topics covered will include personal finance, household management, basic meal planning and preparation, hand-sewing, goal setting and more.

WORK EXPERIENCE

Grade Level: 11-12

Prerequisite: Students must have a valid Work Permit issued through the Work Experience Office and work at least 10 hours per week in a job covered by Worker's Compensation.

Requirements Met:	WHS Elective
--------------------------	---------------------

Work Experience is an elective class which combines supervised, paid employment in any occupational field with related classroom instruction. Classroom instruction will focus on developing productive work habits, self-confidence and successful employment skills which can be used to locate, secure and retain employment. Awareness of the career exploration process and basic economic principles related to employment will also be taught. Students attend their jobs during the week, and attend a class session once a week at school. Students must have an approved, legally paid job while enrolled in this class. Regular visitations will occur at the jobsite by the Work Experience Coordinator.

LANGUAGE ARTS

<http://whs.rocklinusd.org/Academics/Language-Arts/index.html>

Language Arts – Scope & Sequence

The four year *Language Arts* program allows students to select advanced courses at the 9th, 10th, and 11th grade levels. The advanced courses are recommended for students wishing to take AP English as their 12th grade “capstone” course. The program offers several options at the 12th grade level to satisfy the 4th year English requirement for graduation and/or meet UC/CSU admissions requirements. For detailed options, see your counselor.

9th Grade

LA I
Adv. LA I

10th Grade

LA II
Adv. LA II

11th Grade

LA III
LA III Honors

12th Grade

LA IV/
World Literature
AP Lit/Comp
ERWC English

LANGUAGE ARTS I

Grade Level: 9

Prerequisite: None

Requirements Met:	WHS Language Arts	UC/CSU Approved “B”
--------------------------	--------------------------	----------------------------

Study will encompass the four areas of communication: reading, writing, speaking, and listening. Students will read both classical and contemporary works (of many genres). Focusing on the writing process, students will write personal narrative essays, informative and argumentative papers. Students will speak in a variety of situations that include group presentations. Students will demonstrate competency in active listening through note taking and other related activities.

LANGUAGE ARTS I – ADVANCED

Grade Level: 9

Prerequisite: Grade of “B+” or higher in 8th grade Language Arts class. Students must have a signature from their 8th grade Language Arts teacher on their Six-Year Plan to enroll in this course.

Requirements Met:	WHS Language Arts	UC/CSU Approved “B”
--------------------------	--------------------------	----------------------------

This is an advanced course that exercises and expands all four realms of language arts: reading, writing, speaking and listening. Literary analysis and criticism will be studied with depth and complexity at an accelerated pace. The expectation for students who choose to enroll in this class is that they are serious four-year college bound students. Work habits and academic performance are expected to exceed that of students in the college prep English classes.

LANGUAGE ARTS II

Grade Level: 10

Prerequisite: None

Requirements Met:	WHS Language Arts	UC/CSU Approved “B”
--------------------------	--------------------------	----------------------------

This course emphasizes the four major areas of communication: reading, writing, speaking, and listening. The literature based course follows the guidelines set in the curriculum content standards. Students will participate in an extensive reading program selected from a variety of genres. Students will study in-depth and sophisticated nuances as well as the larger meaning of these works. Student will write various types of essays. Students will demonstrate competency in active listening through note taking, research, and other related activities.

LANGUAGE ARTS II – ADVANCED

Grade Level: 10

Prerequisite: Grade of “A” or higher in 9th grade Language Arts class or LA I Adv. with a grade of “B” or higher and teacher approval

Requirements Met:	WHS Language Arts	UC/CSU Approved “B”
--------------------------	--------------------------	----------------------------

This is an advanced course that exercises and expands all four realms of language arts: reading, writing, speaking and listening. Literary analysis and criticism will be studied with depth and complexity at an accelerated pace. The expectation for students who choose to enroll in this class is that they are serious four-year college bound students. Work habits and academic performance are expected to exceed that of students in the college prep English classes.

LANGUAGE ARTS III

Grade Level: 11

Prerequisite: None

Requirements Met:	WHS Language Arts	UC/CSU Approved "B"
-------------------	-------------------	---------------------

Study will explore American Literature from 1860 to the present. Reading, research, writing, discussion, and projects will guide students to demonstrate their understanding of grammar, literary elements, rhetoric, discourse, and writing structures. Students will also develop an awareness of the connection of themes and their relevancy to contemporary issues.

LANGUAGE ARTS III HONORS

Grade Level: 11

Prerequisite: Tenth grade LA with a grade of "A" or higher or Adv. LA II with a grade of "B" or higher and teacher approval.

Completion of summer homework is required.

Requirements Met:	WHS Language Arts	UC/CSU Approved "B"
-------------------	-------------------	---------------------

Honors Language Arts III is a challenging course designed for students who intend to take AP Literature and Composition their senior year. At an accelerated pace, students will closely read complex works under the guidance of the instructor, in order to prepare for both on-demand and process writing, and other forms of assessment (i.e. presentations, debates, Socratic Seminars). Writing assignments will focus on critical and persuasive analysis skills. Students' independent work habits and academic performance are expected to exceed that of students in the college prep English classroom.

Summer Reading Requirements:

Students will be required to read, annotate, and synthesize the nonfiction text titled *How to Read Literature Like a Professor* by Thomas C. Foster. Students should be prepared to submit the annotated book and typed synthesis on the first day of school. It is suggested that students purchase their own copies as they will be using this text throughout the year; however, there are available copies in the Whitney High School Library.

Follow the directions below while reading:

1. **Highlight** the author's *key claims* and *significant pieces of evidence* that help establish the claims in each chapter.
2. **Annotate** for *personal reactions, comments, connections and /or questions* developed from the author's claim and evidence.
3. After reading each chapter, **synthesize** the key claims, evidence and annotations on a separate piece of paper. This paper must be no more than two pages typed, organized by chapter and should appear as a quick reference guide and/or summary of each chapter in the book

For further information, contact Emilie Cavolt at ecavolt@rocklinusd.org.

LANGUAGE ARTS IV/ WORLD LITERATURE

Grade Level: 12

Prerequisite: None

Requirements Met:	WHS Language Arts	UC/CSU Approved "B"
-------------------	-------------------	---------------------

World Literature English is a college preparatory class that focuses on building comprehensive knowledge of world cultures and continues to stress the four major areas of communication: listening, speaking, reading, and writing. Students will write in a variety of styles as they analyze the historical, literary, and cultural connections of texts from around the world.

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

Grade Level: 12

Prerequisite: Honors LA/COM III with a grade of “B” or higher and teacher approval

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Language Arts	UC/CSU Approved “B”
--------------------------	--------------------------	----------------------------

AP Literature and Composition is an accelerated course (college level) designed for students intending to take the AP test (Literature and Composition) in the spring. Breadth and depth of the reading are the key features of the AP program in English. Students will closely read many complex works from the Greeks to the Moderns in preparation for frequent on-demand writings. Extensive writing assignments will focus on critical analysis skills. This course requires summer reading as assigned by the instructor. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement, or both depending on the institution’s policies.

Summer Reading Requirements:

Students must read two works by the first day of school and be prepared to discuss, test, and write about the literature by the first day of school. It is suggested that students purchase their own copies of the novels in order to highlight important passages. A limited number of copies of the texts can also be checked out at the Whitney High School Library.

- It is expected that the student will obtain and read *Mother Night* by Vonnegut, and *The Secret Sharer* by Conrad (buy a copy of *The Secret Sharer* with *The Heart of Darkness* which we will read later in the year.)
- Students should complete a novel outline (email me for an electronic copy)
- Students should come to class with a comparative essay on the two novels.

For further information contact Patrick Gale at pgale@rocklinusd.org.

ERWC - (EXPOSITORY READING AND WRITING COURSE)

Grade Level: 12

Prerequisite: Class is only available to seniors

Requirements Met:	WHS Language Arts	UC/CSU Approved “B”
--------------------------	--------------------------	----------------------------

The ERWC (Expository Reading and Writing Course) is a college preparatory, rhetoric-based English language arts course for grade 12 designed to develop academic literacy (advanced proficiency in rhetorical and analytical reading, writing, and thinking).

Key Principles of an Effective Expository Reading and Writing Curriculum

- The integration of interactive reading and writing processes;
- A rhetorical approach to texts that fosters critical thinking and engagement through a relentless focus on the text;
- Materials and themes that engage student interest;
- Classroom activities designed to model and foster successful practices of fluent readers and writers;
- Research-based methodologies with a consistent relationship between theory and practice;
- Built-in flexibility to allow teachers to respond to varied students’ needs and instructional contexts; and
- Alignment with the California Common Core State Standards for English Language Arts and Literacy.

LEADERSHIP

<http://whitneyactivities.wix.com/leadership>

The following courses meet the WHS **elective** requirement for graduation (50 credits).

LEADERSHIP

Grade Level: 9-12

Prerequisite: Students must be elected to an office, appointed to a commissioner position or apply to be in the class. Students must maintain a 3.0 GPA. Course may be repeated for credit.

Requirements Met:	WHS Elective	UC/CSU Approved "G"
--------------------------	---------------------	----------------------------

Students in this course will develop leadership and teamwork skills while covering a variety of topics including: time management, public speaking, goal setting, self-esteem, and communication. Students are required to work outside of class time according to the needs of their position. Students must maintain a 3.0 GPA throughout the year in order to participate in this class.

SERVICE LEADERSHIP

Grade Level: 10-12

Prerequisite: Application and selection process. Students must maintain a 3.0 GPA. Course may be repeated for credit.

Requirements Met:	WHS Elective
--------------------------	---------------------

This course prepares students to meet the challenges of leadership in today's society. The coursework will teach students the skills and best practices necessary to communicate and work with diverse groups of people toward common goals to implement beneficial societal/cultural changes in the school or local community. Students will develop and enhance intrapersonal and interpersonal skills as well as learn the philosophical foundations and fundamentals of effective leadership. Finally, students will utilize their new-found skills by designing or embracing a community-based project as a culminating activity in an effort to make a difference in the lives of others. Students will be required to fulfill up to 15 hours of outside class time working in the local community.

PEER COUNSELING

Grade Level: 10-12

Prerequisite: Application, interview and selection process. Students must maintain a 3.0 GPA. Course may be repeated for credit.

Requirements Met:	WHS Elective
--------------------------	---------------------

The Peer Counseling class provides students with the opportunities to learn communication and support skills. Students will learn how to investigate school and community resources. They will use these skills to support students and the WHS counseling program. Our expectation is that students will stay current in all classes and be healthy of mind and heart. **Meetings and class attendance are mandatory.**

PEER TEACHING

Grade Level: 11-12

Prerequisite: Application, interview and selection process. Student must maintain a 3.0 GPA (3.5 in teaching subjects). Course may be repeated for credit.

Requirements Met:	WHS Elective
--------------------------	---------------------

This class is for students who would like to share their knowledge with their peers. It will be a wonderful opportunity for those students who have an interest in tutoring, and/or a teaching career. Students will work with students who have been identified with a need for academic support on and off the WHS campus. The next level of this course would be to take the R.O.P. Careers in Education course.

TEACHER'S/OFFICE/LIBRARY ASSISTANT

Grade Level: 11 – 12

Prerequisite: Must have teacher and parent authorization. (May request course once between Junior or Senior year)

Requirements Met:	WHS Elective
--------------------------	---------------------

Teacher's assistants will work closely with assigned teacher to complete various classroom duties which may include but are not limited to: filing, data input, grading papers, assisting students, posting bulletin boards, office deliveries, etc. Students must have good attendance, be in good academic standing, and be reliable.

As a library aid students will be expected to perform the following tasks: re-shelve library books in proper Dewey sequence, assist at the front desk checking in/out library books and text books, help students locate books, straighten up library chairs, read library shelves to ensure books are in proper Dewey sequence, and occasional other duties assigned by the librarians. Semester grades will be determined on how well and accurately student is able to carry out these tasks.

Students wishing to be an office aide will be expected to perform a variety of office tasks which may include filing, classroom deliveries, alphabetizing, etc. Students must have good attendance, be in good academic standing, and be extremely responsible. Students working in the office must maintain confidentiality and take the initiative to be a self starter.

SENIOR MENTOR

Grade Level: 12

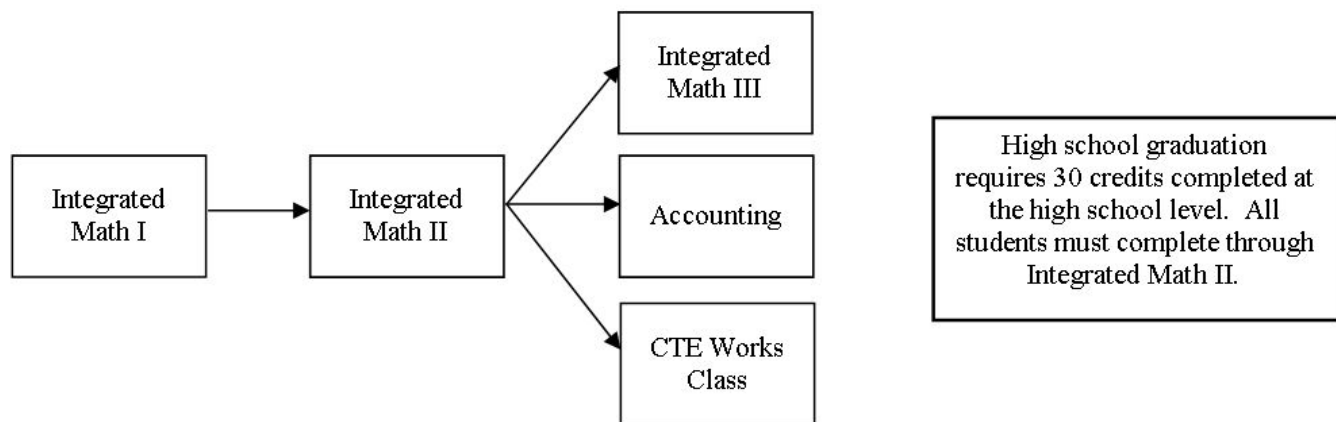
Prerequisite: Application and selection process

Requirements Met:	WHS Elective
--------------------------	---------------------

This class is for seniors that would like to mentor and provide a positive role model for freshmen students. Mentors will work with small groups of students in Geography classes providing freshmen with basic instruction relating to academic success, school culture and tutorial time. Mentors will provide the tools and knowledge to assist freshmen to succeed in high school. This class requires a semester long commitment to the assistance of the freshman.

Mathematics – Scope & Sequence

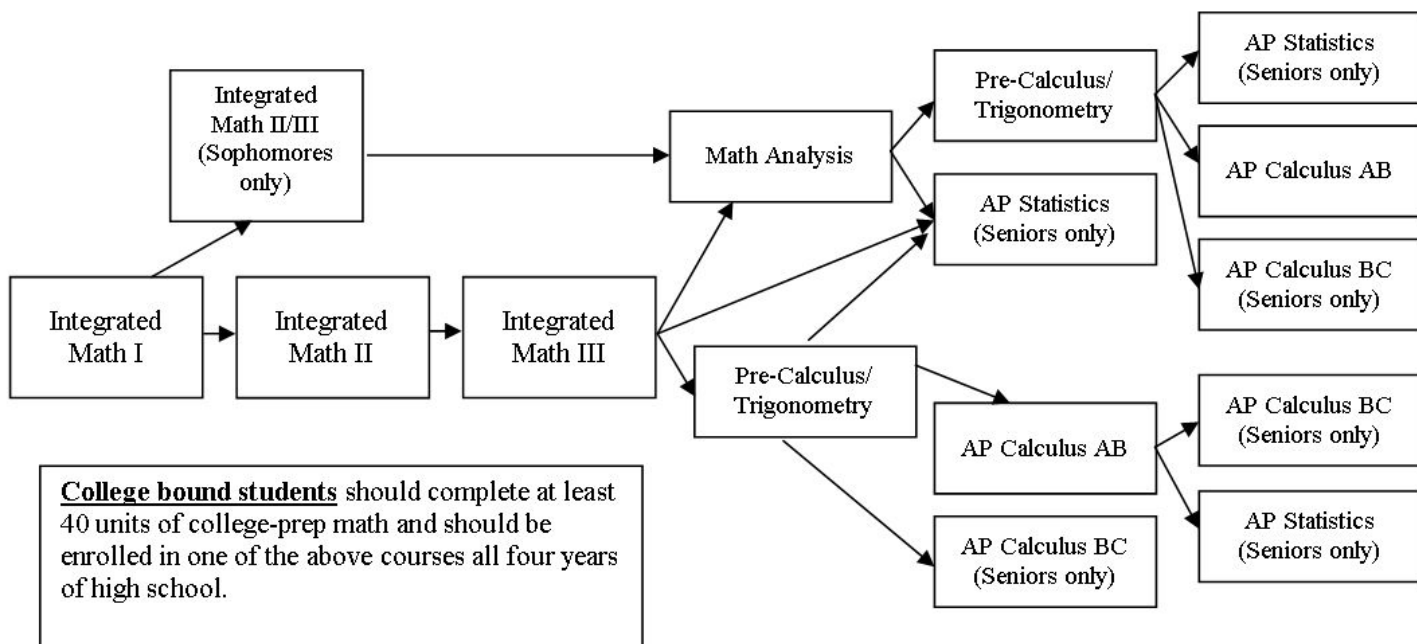
Preparatory for High School Graduation



Please see CTE Works section for a complete list of CTE courses that meet the math elective graduation requirement.

Mathematics – Scope & Sequence

Preparatory for four-year College, University,



Sophomore students wishing to accelerate their math course of study can take an Integrated Math II and Integrated Math III combination class. The class meets daily and covers Integrated Math II during the first semester and Integrated Math III during the second semester. Students should see their Integrated Math I teacher regarding placement for the following year. Sophomores and juniors may enroll in AP Statistics if they meet the prerequisites and are concurrently enrolled in another advanced math course.

INTEGRATED I**Grade Level: 9-12****Prerequisite: None**

Requirements Met:	WHS Mathematics	UC/CSU Approved "C"
--------------------------	------------------------	----------------------------

This course is the entry-level mathematics course at WHS. Topics covered include functions, transformations, modeling two variable data, sequences, systems of linear equations, congruence, coordinate geometry, exponential functions, and inequalities.

INTEGRATED II**Grade Level: 9-12****Prerequisite:** Integrated I. Incoming 9th grade students must have a grade of "B" or higher in Advanced Integrated I or Integrated I and Pass the district placement test.

Requirements Met:	WHS Mathematics	UC/CSU Approved "C"
--------------------------	------------------------	----------------------------

This course is for students who have completed Integrated I. Topics covered include, reasoning, angles, similarity, right triangles, probability, trigonometry, factoring, quadratic functions and equations, proof, quadrilaterals, polygons, circles, inequalities, functions, and solids.

INTEGRATED II/III**Grade Level: 10****Prerequisite:** A grade of "A" both semesters in Integrated I.

Requirements Met:	WHS Mathematics (2nd year)	UC/CSU Approved "C"
--------------------------	-----------------------------------	----------------------------

This course is for students who have completed Integrated I. Topics covered include, reasoning, angles, similarity, right triangles, probability, trigonometry, factoring, quadratic functions and equations, proof, quadrilaterals, polygons, circles, inequalities, functions, and solids. All the concepts in Integrated III will be covered.

MATHEMATICS ELECTIVES

The following courses meet the WHS **Mathematics Elective** graduation requirement. Students must complete 30 credits of mathematics and complete at least through Geometry. Students must be enrolled in a Mathematics course in grades 9-11. It is recommended that college-bound students enroll in a 12th grade UC/CSU approved math course.

INTEGRATED III**Grade Level: 10-12****Prerequisite: Integrated II**

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved "C"
--------------------------	---------------------------------	----------------------------

This course is for students who have completed Integrated II. Topics covered will include functions, systems of equations, stats, parent graphs, logs and much, much more!

MATH ANALYSIS**Grade Level: 11-12****Prerequisite: A grade of "C" or higher in both semesters of Integrated III**

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved "C"
--------------------------	---------------------------------	----------------------------

This is a college preparatory course for students intending to go on to a UC/CSU school that have passed Integrated III. The year-long course will incorporate California State Standards for mathematical analysis, linear algebra, stats, and beginning trigonometry. At the conclusion of this course, students will be prepared to continue studying mathematics in college or continue studying mathematical analysis and trigonometry in more detail in Pre-Calculus.

PRE-CALCULUS/TRIGONOMETRY HONORS**Grade Level: 11-12****Prerequisite: A grade of "B" or higher in both semesters of Integrated III or a grade of "C" or higher in both semesters of Math Analysis**

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved "C"
--------------------------	---------------------------------	----------------------------

This course is to prepare students for the rigor of calculus. The topics include rational, polynomial, exponential, and transcendental functions, polar equations, parametric equations, the binomial theorem, vectors, limits, and an in depth semester study of trigonometry.

ADVANCED PLACEMENT CALCULUS AB

Grade Level: 11-12

Prerequisite: A grade of “B” or higher in both semesters of Pre-Calculus

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved “C”
--------------------------	---------------------------------	----------------------------

Covers one semester of college calculus. Topics to be covered include functions and graphs, limits and continuity, differential calculus, integral calculus, and graphing calculator applications. Students take the AP exam at the end of this course. Students who pass the test may receive one semester of college credit, advanced placement, or both depending on the institution’s policies.

ADVANCED PLACEMENT CALCULUS BC

Grade Level: 12

Prerequisite: A grade of “B” or higher in both semesters of Pre-Calculus or Prior enrollment in AP Calculus AB

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved “C”
--------------------------	---------------------------------	----------------------------

Covers two semesters of college calculus. Topics to be covered include all topics from AP Calculus AB, parametric, polar and vector functions, Euler’s method, applications of integrals, integration techniques, partial fractions, logistical differential equations, polynomial approximations, and series. Students take the AP exam at the end of the course. Students who pass the test may receive up to two semesters of college credit, advanced placement, or both depending on the institution’s policies.

ADVANCED PLACEMENT STATISTICS

Grade Level: 12 (10th -11th grade students may enroll with concurrent enrollment in another college-prep math course)

Prerequisite: Integrated III and an Academic GPA of 3.0 or higher

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved “C”
--------------------------	---------------------------------	----------------------------

AP Statistics is a college-level statistics course that is designed to prepare students for the AP Statistics exam in the spring. It is an introductory course in probability and statistics that includes descriptive statistics, techniques and of counting, probability, inferential statistics, regression techniques, and use of a statistical graphing calculator. It is recommended that each student have a graphing calculator. Students take the AP exam at the end of the course. Students who pass the test may receive college credit, advanced placement, or both depending on the institution’s policies.

EAP SENIOR MATH

Grade Level: 12

Prerequisite: A grade of “C” or higher in both semesters of Integrated III

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved “G”
--------------------------	---------------------------------	----------------------------

EAP Math is a joint math project of California State University, Sacramento, Sierra College, and Placer County high schools designed to enhance students’ understanding of functions and ability to model data mathematically. The course is designed to increase students’ mathematical thinking by studying problem solving, functions (including linear, quadratic, exponential, logarithmic, systems, absolute value, and piecewise), business related topics, and various mathematical applications. As an added benefit of the course, students will be allowed to waive the math placement test if the student attends Sierra College and/or the summer math project if they attend California State University, Sacramento.

ACCOUNTING

Grade Level: 10-12

Prerequisite: Integrated I

College Articulation: Students may articulate and receive CSU/UC transferable college credit at Sierra College

Requirements Met:	WHS Mathematics Elective	UC/CSU Approved “G”
--------------------------	---------------------------------	----------------------------

This one-year course covers fundamental accounting principles for those who have had no previous study in bookkeeping or accounting. It provides practical training to enable students to hold bookkeeping or account clerk positions. Concepts covered will include basic accounting principles, data accumulation for financial statements, and the accounting cycle. The course utilizes a computerized accounting system, spreadsheets, and the use of word processing software for business applications. Students have the opportunity to join the Future Business Leaders of America and test for Microsoft Excel Certification.

PHYSICAL EDUCATION

<http://whs.rocklinusd.org/Academics/Physical-Education/index.html>

Physical Education – Scope & Sequence

(For detailed options, see your counselor)

1st Year

PE I

2nd & 3rd Year

Aerobic Fitness

Aerobic Walking

Athletic Weight Training (COED, Varsity Girls/Boys, V/JV Football)

Aquatics

Lifetime Activities

ROTC Drill

Step Aerobics

Team Sports

PHYSICAL EDUCATION I

Grade Level: 9

Prerequisite: None

Requirements Met:

WHS Physical Education (One Year)

The physical education program in P.E. I is to provide students with the opportunities to develop an optimal level of physical fitness through the use of psychomotor development activities, cardiovascular activities, flexibility exercises, strength training, and wellness education. The major activities of focus will be volleyball, dance, fitness lab, self-defense, pickleball, hockey, soccer, badminton, and swimming. **This course meets the first year of the WHS Physical Education graduation requirement (10 credits). All 9th grade students will be enrolled in PE I. Students not earning a passing grade in PE I must repeat PE I.**

PHYSICAL EDUCATION ELECTIVES

The following courses meet the **second and third year WHS Physical Education elective** graduation requirements (20 credits). **The prerequisite for all PE elective courses is successful completion of PE I.** An athletic waiver will waive up to two semesters of the third year Physical Education requirement. Two seasons of sport participation is equal to one semester of elective P.E. The credits needed for graduation remains at 250; however, the student may waive the PE elective course and select a new elective course in another department. Varsity athletes will be required to be enrolled in a weights conditioning class. For further information, please contact the Counseling Center. Students may also use **Theatre Dance I, II, III and IV** as a P.E. elective course. **Aerospace Science Drill** may only be taken once to fulfill the PE elective requirement. Please check the Graduation Verification Petition in this handbook to help you determine your graduation needs.

AEROBIC FITNESS

Grade Level: 10 – 12

Prerequisite: Successful completion of PE I. Course may be repeated for credit.

Requirements Met:

WHS Physical Education Elective

This course is designed to introduce and provide the opportunity for students to participate in a variety of cardiovascular fitness activities. The course will also include the use of weighted balls, dumbbells, videos, steps, jump ropes, exercise bars, and other fitness equipment. The students will participate daily in warm-up exercises, cardiovascular endurance runs, body strengthening exercises, swimming, and other endurance exercises throughout the course. The ability to work well with others and participate at a high intensity level is expected. There will be timed tests, 3 and 4 mile run tests and off campus. Group, Individual, and team tests will be given using different exercises. Effort is required for this class.

AEROBIC WALKING

Grade Level: 11-12

Prerequisite: Successful completion of PE I and parental permission. Course may be repeated for credit.

Requirements Met:

WHS Physical Education Elective

This course is activity based focusing on fitness as a lifelong activity. The fitness components of cardio-respiratory endurance, cardiovascular efficiency, muscular strength and muscular endurance are emphasized. This course is designed to introduce and provide an opportunity for students to develop a fitness workout plan through the main activity of walking. **All walking routes will be off campus.** Walking routes will be throughout the community from William Jessup to Twelve Bridges. There will be 8 walking tests. This test will be done on the track and will be 3 miles each. Effort is required in this class.

ATHLETIC WEIGHT TRAINING (COED, VARSITY GIRLS/BOYS, VARSITY/JV FOOTBALL)

Grade Level: 10-12

Prerequisite: Successful completion of PE I. Course may be repeated for credit.

Requirements Met:	WHS Physical Education Elective
--------------------------	--

This course is designed to serve as a comprehensive strength and conditioning regimen for our high achieving student athletes who have excessive academic and athletic demands during the traditional after school hours. The class will follow a standard periodization schedule that follows basic Macro, Meso, and Micro cycles throughout the year that complement and are in conjunction with the academic school calendar. The two primary goals of any strength and conditioning regimen are first and foremost injury prevention, specifically to major tendons and ligaments, and secondly sports performance. Students will work in a variety of different training modalities all geared towards those two objectives. The introduction to and consistent emphasis on the classical Olympic Lifts best serve the competitive athlete's needs for high school. The Olympic Lifts are highly technical movements that demand the most from the student athlete in regards to functional, ground based, multiple joint movement exercises. Exercises taught and trained in the class include, but are not limited to, the Snatch, Clean, and Jerk, Front/Back/Overhead Squats, Presses and other assistance and auxiliary exercises.

AQUATICS

Grade Level: 10-12

Prerequisite: Successful completion of PE I and basic swim skills required. Course may be repeated for credit.

Requirements Met:	WHS Physical Education Elective
--------------------------	--

This course is designed for swimmers to increase their cardiovascular and muscular fitness through a variety of lap pool and land workouts. Course workouts are designed for advanced swimmers. This class is for water polo and swimmers on the WHS teams. We will introduce weightlifting on dryland workouts. This is an advanced course for motivated swimmers and water polo players.

LIFETIME ACTIVITIES/UNITED LIFETIME

Grade Level: 10-12

Prerequisite: Successful completion of PE I. Course may be repeated for credit.

Requirements Met:	WHS Physical Education Elective
--------------------------	--

This course is designed to introduce and provide opportunities for students to develop the basic and intermediate skills in a variety of non-traditional sports and activities that they will be able to participate in now and in the future. Every class will consist of a fitness component and an activity such as aerobic walking, jogging, aerobics, pickle ball, tennis, badminton, volleyball, softball, fitness, frisbee golf, ultimate frisbee, bowling, and children's games. Through this course, students will gain a greater knowledge and appreciation of possible activities that their community has to offer.

STEP AEROBICS

Grade Level: 10 – 12

Prerequisite: Successful completion of PE I. Course may be repeated for credit.

Requirements Met:	WHS Physical Education Elective
--------------------------	--

This course is designed to introduce and provide the opportunity for students to participate in a cardiovascular activity using a step platform or a stepper. We will also incorporate walking on and off campus, jogging on and off campus, and other cardio activities. Students will participate in daily stretching, a step aerobic workout, as well as push ups, sit-ups and other cardio exercises. Knowledge of step aerobic workouts and step moves while using the stepper will be emphasized. Dressing and participating will be required and expected. Also, the ability to work well with others will be expected. There will also be 3 mile walking tests; these tests will be on the access road on campus. Effort is required for this class.

TEAM SPORTS

Grade Level: 10-12

Prerequisite: Successful completion of PE I. Course may be repeated for credit.

Requirements Met:	WHS Physical Education Elective
--------------------------	--

This course is designed to involve student participation in team sport activities. Students will be able to perform in various sports such as: ultimate frisbee, street hockey, flag football, soccer, basketball, volleyball, speedball, lacrosse, and softball. Students will learn the rules for these games and the fundamentals that make up each team sport. Each student will learn sportsmanship, communication, and the ability to work well with others. Team Sports will also include fitness as a part of the class. This will include bi-weekly mile runs, fitness exercise, and a variety of cardiovascular exercises. Each class will begin with a series of these exercises.

JROTC

<http://whs.rocklinusd.org/Academics/ROTC/index.html>

JROTC – Scope & Sequence

9th or 10th Grade

Aerospace Science I

10th or 11th Grade

Aerospace Science II

Aerospace Science III

11th or 12th Grade

Aerospace Science III/IV

Aerospace Science V – Cadet Leadership Course and/or Aerospace Science Drill

The following courses meet the WHS **elective** graduation requirement (50 credits). **Aerospace Science I** meets the WHS U.S. History Social Science requirement for graduation (maximum 10 credits). **Aerospace Science II** or **III** meet the WHS Science Elective requirement for graduation (maximum 10 Science credits). **Aerospace Science Drill** meets one year of WHS P.E. elective requirement for graduation (maximum of 10 PE credits).

Instructors:

Colonel Michael A. Fernandez, USAF, (Ret) mfernandez@rocklinusd.org 632-6500 x 6683

Senior Master Sgt. Terry J. Barber, USAF, (Ret) tbarber@rocklinusd.org 632-6500 x 6609

Grading: The minimum satisfactory overall grade is 70%

The AFJROTC Grade composition is:

Academic Quizzes-----40% of the grade

Uniform Wear-----45% of the grade

Extreme Excellence Participation----15% of the grade

Late Work Policy/ Make-up Work:

Uniform wear- No later than the day prior to the next uniform wear day.

Quizzes- No later than the end of the week following the scheduled quiz.

Current Events- Cadets are encouraged to do two each time to have extra points.

Leadership Quizzes- No later than the end of the week following the scheduled quiz.

Special Circumstances will be considered.

Instructors are available before and after school hours for any student requests/make-ups.

Intervention Stamp:

Based on completion of all requirements, wear of uniform, meet grooming standards, and a 70% overall grade. If a uniform wear is missed, the student will not receive an intervention stamp until the makeup is complete.

AEROSPACE SCIENCE I (JROTC I)

Grade Level: 9-12

Prerequisites: None

Materials/Fees: No fees required; the cadet uniforms, which will be issued in the early Fall, need to be returned in good condition after the school year ends.

Requirements Met:	WHS Elective
--------------------------	---------------------

This is a history course designed to acquaint the student with the historical development of flight throughout the history of the United States and the role of the military in history. AS I meets the WHS U.S. History Social Science requirement for graduation (10 credits). The Leadership portion concentrates on the heritage of the Air Force, individual self-control, wellness and fitness, as well as citizenship. Increased leadership opportunities in the cadet corps will also be available. Participation in the group Wellness program is mandatory. Physical fitness training is conducted on Friday during JROTC class. A Presidential Fitness Test is conducted early in the first semester and again in the middle of the second semester. Cadets must meet Air Force grooming standards.

AEROSPACE SCIENCE II (JROTC II)

Grade Level: 9-12

Prerequisites: Aerospace Science I

Materials/Fees: No fees required; the cadet uniforms, which will be issued in the early Fall, need to be returned in good condition after the school year ends.

Requirements Met:	WHS Elective
--------------------------	---------------------

This is a science course which examines our Earth, the Moon and planets, the latest advances in space technology, and the continuing challenges of space and manned spaceflight. This course meets the WHS Science Elective requirement for graduation (maximum of 10 Science credits). Issues that are critical to travel in the upper atmosphere such as orbits and trajectories, unmanned satellites, space probes, and guidance and control systems are explained. It also covers the development of space stations, the Space Shuttle, and international laws for the use and travel in space. In the Leadership portion, stress is on communication skills and cadet corps activities. Information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Increased leadership opportunities in the cadet corps will also be available. Participation in the group Wellness program is mandatory. Physical fitness training is conducted on Friday during JROTC class. A Presidential Fitness Test is conducted early in the first semester and again in the middle of the second semester. Cadets must meet Air Force grooming standards.

AEROSPACE SCIENCE III (JROTC III)

Grade Level: 9-12

Prerequisite: Aerospace II

Materials/Fees: No fees required; the cadet uniforms, which will be issued in the early Fall, need to be returned in good condition after the school year ends.

Requirements Met:	WHS Elective
--------------------------	---------------------

This is a science course designed to acquaint the student with the cultural developments throughout the global community. This course meets the WHS Science Elective requirement for graduation (maximum of 10 Science credits). The Leadership portion concentrates on opportunities after high school and the many options available, such as college, technical school, etc. Also discussed is information on how to begin the job search, financial planning and how to save, invest, and spend money wisely, as well as how not to get caught in the credit trap. Increased leadership opportunities in the cadet corps will also be available. Participation in the group Wellness program is mandatory. Physical fitness training is conducted on Friday during JROTC class. A Presidential Fitness Test is conducted early in the first semester and again in the middle of the second semester. Cadets must meet Air Force grooming standards.

AEROSPACE SCIENCE IV (JROTC IV)

Grade Level: 12

Prerequisite: Aerospace Science III

Materials/Fees: No fees required; the cadet uniforms, which will be issued in the early Fall, need to be returned in good condition after the school year ends.

Requirements Met:	WHS Elective
--------------------------	---------------------

This is a management course designed to immerse the cadets in the management of the cadet corps, while applying the 4th year Leadership coursework. The course is a guide to understanding the fundamentals of management, managing yourself and others. The areas covered include Management Techniques, Decisions and Functions. Participation in the group Wellness program is mandatory. Physical fitness training is conducted on Friday during JROTC class. A Presidential Fitness Test is conducted early in the first semester and again in the middle of the second semester. Cadets must meet Air Force grooming standards.

AEROSPACE SCIENCE DRILL

Grade Level: 9-12

Prerequisite: Student must be concurrently enrolled in another Aerospace Science course. Course may be repeated for credit.

Requirements Met:	WHS Elective OR Physical Education Elective (3rd year)
--------------------------	--

The drill and ceremonies course concentrates on the elements of military drill and describes unarmed, armed, and color guard precision movements, drill ceremonies, reviews, and development of command voice. Physical exercise will be interspersed during the class period so as to build physically stronger cadets capable of easily handling the armed and color guard drill sequences. The course is creditable toward one year of physical fitness. Cadets in this class can anticipate being chosen to represent the school and their unit at drill competitions throughout the state. There are two after school sessions each semester which will require cadet participation (Midnight Madness- one week prior to drill completion; uniform preparation- during week prior to the drill meet). The Drill and Ceremonies text will be used in this class. The availability of this course will allow cadets the flexibility to participate in other after-school extracurricular activities.

AEROSPACE SCIENCE V- CADET LEADERSHIP COURSE (CLC)

Grade Level: 9-11

Prerequisites: Registration into the JROTC program for the following year. Five (5) elective Aerospace Studies credits are earned for successful completion of this course. Course may be repeated for credit.

Requirements Met:	WHS Elective
--------------------------	---------------------

This is a special summer course designed to: (a.) introduce new students to the JROTC program and WHS, and (b.) provide command and management training to returning JROTC cadets. It consists of 80 hours of instruction over two 5-day academic weeks. Overviews of the entire JROTC Aerospace Science and Leadership Education curricula are presented. Aviation History, Aviation Science, Space Science and Senior Cadet Corps Management are covered in some detail. Military Customs and Courtesies, Drill and Ceremonies and Physical Training are taught in significant detail. Upon completion, the new JROTC cadet will be appreciably familiar the JROTC program, upper-class and other new cadets, and the values of citizenship and community service. A minimum of one field trip will be taken to a local/regional US or other facility for familiarization with functions and operations related to the military or other aerospace communities.

SCIENCE

<http://whs.rocklinusd.org/Academics/Science/index.html>

Science – Scope & Sequence

Freshmen start their science sequence with Biology. The sophomore year students will focus on physical science. Students may double up on the offerings in Science during grades 11, and 12. Those wishing to accelerate their course of study in Science should see their counselor.

Life Science

9th Grade

Biology
Adv. Biology

Physical Science

10th Grade

Chemistry
Chemistry Honors
Geology
Physics

Electives

11/12th Grade

Anatomy Physiology
AP Biology
AP Environment Science
AP Chemistry
AP Physics I/II
AP Physics C: Mechanics
Chemistry
Chemistry Honors
Forensic Science
Geology
Marine Biology
Physics

CTE Courses (11/12th Grade)

CTE Dental Careers
CTE Fire Science
CTE Health Careers
CTE Integrated Animal Science
CTE Medical Assisting

Please see CTE Works section for a complete list of CTE course descriptions.

BIOLOGY

Grade Level: 9

Requirements Met:	WHS Science Elective	UC/CSU Approved "D"
-------------------	----------------------	---------------------

This laboratory science course studies the main concepts of biology with emphasis on the following: introduction to biochemistry, the cell, genetics, evolution and physiology.

ADVANCED BIOLOGY

Grade Level: 9

Prerequisite: Math 8 and grade of "A" in 8th grade Science. Students must have a signature from their 8th grade Science teacher on their Six-Year Plan to enroll in this course.

Corequisite: Concurrent enrollment in at least one other advanced freshman level course.

Requirements Met:	WHS Science Elective	UC/CSU Approved "D"
-------------------	----------------------	---------------------

This fast-paced year-long course is designed to prepare students for success in any of the AP Sciences. This course requires students to be highly motivated and willing to put in daily outside preparation. This is a laboratory science course that studies the main concepts of biology with emphasis on the following: introduction to biochemistry, plant and animal structures, genetics, evolution and ecology.

SCIENCE ELECTIVES

The following courses meet the **second and third** years of the WHS elective Science graduation requirement (20 credits).

ANATOMY/PHYSIOLOGY

Grade Level: 11-12

Prerequisite: Biology and a second year of science.

Requirements Met:	WHS Science Elective	UC/CSU Approved "D"
-------------------	----------------------	---------------------

Students will study the major systems of the human body. Course emphasis will be on recognition and function of major features of the organ systems studied. Students will also apply their knowledge of organ functions to the exploration of typical organ system diseases. Labs will feature dissection of the mammalian organ systems. Labs will also include explorations of the functions of the organ systems studied.

CHEMISTRY

Grade Level: 10-12

Prerequisite: A grade of “B” or higher in Biology, Geology (if applicable), and Integrated Math I. Concurrent enrollment in Integrated Math II or higher without Math Lab recommended.

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

General chemistry is an initial exposure to the field of chemistry for the college-bound high school student, taught in a manner to enable the student to grasp the basic concepts and to pursue knowledge through experimentation. Students will solve problems and apply the solutions to real world situations as well as discover and work with quantitative relationships that are fundamental to chemical reactions and the structure of matter.

CHEMISTRY- HONORS

Grade Level: 10-12

Prerequisite: A grade of “A” in Biology and Integrated Math I. Concurrent enrollment in Integrated II or higher is highly recommended.

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

Honors Chemistry will cover the same topics that comprise the Chemistry I course, but the “honors” designation means the course will move at a faster pace. This allows more time to cover topics in greater detail and have additional lab activities. There are three primary reasons for students to enroll: students intend to enroll in AP Chemistry, students intend to major in a science in college, or students prefer a more challenging pace that a traditional college preparatory curriculum provides. Students will need to be self-motivated and work independently in order to be successful in this class, as these are important college preparatory skills. The expectation for students who choose to enroll in this class is that they are serious four-year college bound students. Work habits and academic performance are expected to exceed that of students in the college prep science classes.

FORENSIC SCIENCE

Grade Level: 11-12

Prerequisite: Biology and a second year of science. B or better in your most recent science class or by science teacher recommendation

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

This course is designed to give the students both theory and hands-on experience in the skills and knowledge required of a forensic science technician. Students will learn to collect, preserve and analyze criminal evidence used to solve cases, such as: fingerprints, DNA, blood, hair and handwriting samples. The students will prepare reports or presentations of findings, investigate methods, or laboratory techniques used in solving crimes. There is also a focus on famous cases that relate to the topics studied.

GEOLOGY

Grade Level: 10-12

Prerequisite: Biology

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

Geology is a physical lab science that introduces students to the systems responsible for Earth’s dynamic nature. Students will study the origin, history and structure of the Earth and the processes that shape it. Material covered in this course falls under three broad categories: the universe and Earth’s place in it, how and why Earth is constantly changing, and how Earth’s surface processes and human activities affect each other. Major topics covered include the universe and its stars, formation of the solar system, history of Earth, Earth materials and systems, water and Earth’s surface, natural hazards, natural resources, climate and weather, and California’s unique geology.

MARINE BIOLOGY

Grade Level: 11-12

Prerequisite: Biology and a second year Science

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

Marine Biology is designed to introduce students to a world as immense, enchanting and mysterious as the one above ground – the ocean world. The marine environment will be explored as it relates to biology, geology, chemistry and physics. Through laboratory activities marine organisms will be explored relative to their functions, their different habitats and effects of organism interactions. The topics studied will include: environmental issues, marine resources, current research and aquatic ecosystems.

PHYSICS I

Grade Level: 10-12

Prerequisite: A grade of “B” or higher in Integrated II, Biology, and Geology (if applicable). Concurrent enrollment in Integrated II/III combo or higher (without a math lab class)

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

This course is designed to engage students in everyday applications as well as professional applications of physics. This lab-based, college prep course will investigate a variety of physical phenomena through the use of computer-aided data retrieval and analysis. Students need to have strong math and critical thinking skills. This course is recommended for any student that is planning to attend a four-year university. Physics is essential for any student planning to major in the following: engineering, medicine, science, and math.

ADVANCED PLACEMENT BIOLOGY

Grade Level: 11-12

Prerequisite: A grade of “B” or higher in Biology and Chemistry

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

AP Biology is an intensive and accelerated study of biology. It is designed for students seeking additional challenges and preparation for college. This course is a part of a nationwide program sponsored by the College Board. It is intended to be a representative freshman course commonly offered in American Universities, but not necessarily identical with a course at any specific institution. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution’s policies.

ADVANCED PLACEMENT CHEMISTRY

Grade Level: 11-12

Prerequisite: A grade of “B” or higher in Honors Chemistry or a grade of “A” in Chemistry. Algebra II (grade of an “A” is highly recommended), and teacher approval

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

This course is an intensive and accelerated chemistry program designed for students seeking additional challenge and preparation for college. The purpose of this course is to explore the fundamentals of chemistry by focusing on chemical calculations and laboratory experimentation. This course is part of a nationwide program sponsored by the College Board. It is intended to be a representative freshman course commonly offered in American universities, but is not necessarily identical with a course at any specific institution. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution’s policies.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Grade Level: 11-12

Prerequisite: Biology and a grade of “B” or higher in Chemistry or an “A” in Geology is recommended

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

This course is a college level laboratory course that aims to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course aims to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This course is part of a nationwide program sponsored by the College Board. It is intended to be a representative freshman course commonly offered in American universities, but not necessarily identical to a course at a specific institution. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the policies at the specific institution.

ADVANCED PLACEMENT PHYSICS I

Grade Level: 10-12

Prerequisite: A grade of “B” or higher in Integrated II or a grade of “A” in Integrated I. Concurrent enrollment in Integrated II/III Combo or higher and teacher approval.

Recommendation: Physics I is not a prerequisite course but strong math skills are strongly recommended to do well.

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

This is the first class of a two year course in AP Physics designed for students seeking additional challenge and preparation for college. AP Physics 1 is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian Mechanics (including rotational dynamics and angular momentum); work, energy and power, and mechanical waves and sound. It will also introduce electric circuits. Focus of the class is based on scientific practices and inquiry investigation. This course is suggested for students interested in majoring in science, medicine, math, or engineering.

ADVANCED PLACEMENT PHYSICS II

Grade Level: 11-12

Prerequisite: A grade of “A” in Physics 1 or a grade of “B” or higher in AP Physics 1 and concurrent enrollment in pre-calculus or higher and teacher approval.

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

This is the second class of a two year course in AP Physics designed for students seeking additional challenge and preparation for college. AP Physics 2 is equivalent to a second semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Focus of the class is based on scientific practices and inquiry investigation. This course is suggested for students interested in majoring in science, math, medicine, or engineering.

ADVANCED PLACEMENT PHYSICS C: MECHANICS

Grade Level: 11-12

Prerequisite: Concurrent enrollment in AP Calculus AB. Grade of “B” or higher in AP Physics 1.

Fee: College Board testing fee (\$TBA)

Requirements Met:	WHS Science Elective	UC/CSU Approved “D”
--------------------------	-----------------------------	----------------------------

This course ordinarily forms the first part of the college sequence that serves as the foundation in physics for students majoring in the field of physical sciences or engineering. The sequence is parallel to or preceded by mathematics courses that include calculus. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. The sequence is more intensive and analytic than that in the AP Physics B course. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus. This AP Physics C course is the first part of a sequence often taken in college that is very intensive with a laboratory component.

SPORTS MEDICINE I

Grade Level: 10-11

Prerequisite: Biology

Requirements Met:	WHS Science Elective
--------------------------	-----------------------------

This course is designed to help students develop a general awareness of health careers and specific preparation for physical therapy and sports medicine occupations. Classroom instruction covers such topics as: medical terminology; human anatomy; emergency procedures; soft tissue and bone injuries; causes, symptoms and management of injuries; nutrition; physical fitness; and career opportunities. In addition to this ongoing classroom instruction, students will rotate through on-the-job training experiences with the athletic trainer, physical education instructors and recreational facility managers. Throughout this course, the students’ core academic skills and ability to deal with people will be stressed.

SPORTS MEDICINE II

Grade Level: 11-12

Prerequisite: Sports Medicine I

Requirements Met:	WHS Science Elective
--------------------------	-----------------------------

This course will build on the concepts taught in Sport Medicine I and the student trainers will begin to interact with the athletic teams to carry out their sports medicine training. Furthermore, students will learn to understand kinesiology (how the body moves), understand exercise physiology (how exercise affects the body), understand principles of exercise training (aerobic fitness, muscle strength, flexibility), recommend safe, effective and well-rounded exercise programs, recognize a minor injury and recommend proper treatment, properly fit equipment, identify and properly apply training room management skills, understand and assist in application of treatment for heat and cold, and understand when to use and how to assist with manual treatments. Students will be expected to carry out tasks outside the traditional classroom environment and school day as they receive the opportunity to work with and be the student trainer for a specific sports team.

SPORTS MEDICINE III - **Coming in 2018-2019

Grade Level: 12

Prerequisite: Sports Medicine I and II

Requirements Met:	WHS Science Elective
--------------------------	-----------------------------

Based on successful completion of Sports Medicine I and II, students can select this elective to pursue a top student trainer position with special emphasis on serving as a student trainer at all major athletic events. Students will develop a plan and work with the athletic training staff. The course also provides the opportunity to communicate with and shadow local professionals in the fields of physical therapy and sports medicine to coordinate special projects.

SOCIAL SCIENCE

<http://whs.rocklinusd.org/Academics/Social-Science/index.html>

Social Science – Scope & Sequence

(For detailed options, see your counselor)

9th Grade

World Geography & Culture
Economics

Advanced Geography

10th Grade

World History

AP World History

11th Grade

U.S. History *or*

AP U.S. History

AP Government
(Year-long course)

12th Grade

Government/

AP Microeconomic
(Year-long course)

AP Government
(Year-long course)

WORLD CULTURAL GEOGRAPHY/COMPUTER LITERACY

Grade Level: 9

Prerequisite: None

Requirements Met:

WHS Social Science

This introductory course is designed to explore the physical and cultural aspects of our world. It is a year-long course with first semester emphasizing freshmen strategies for success and computer literacy. In order to maintain support during the first semester, freshmen are assigned a Senior Mentor to guide and monitor their progress. Second semester, study is divided among the major regions of the earth. The course is intended to help students develop a geographic perspective of the world through a study of Themes of Geography, the Elements of Culture, and the Issues of Global Concern.

ADVANCED WORLD CULTURAL GEOGRAPHY

Grade Level: 9

Prerequisite: A grade of “B” or higher in 8th grade Social Studies and Language Arts. Students must have a signature from their 8th grade Social Studies teacher on their Six-Year Plan to enroll in this course. No summer reading is required.

Recommended: Enrollment in Advanced Language Arts I

Supply requirements: Please refer to the WHS website for current supply requirement information

Requirements Met:

WHS Social Science

UC/CSU Approved “A”

Advanced Geography is a year-long introductory course into the rigors of AP which is designed to explore the physical and cultural aspects of our world. Study is divided among the major regions of the world. The depth of the course will be achieved by focusing on past struggles and the contemporary issues affecting the regions. Critical issues such as religion, war, resources, and population will be addressed and analyzed. These issues will be addressed as it relates to current events. In addition to the Geography content the student will be prepared for computer presentations, report formatting, and research via the computer. Students enrolled in this course need not complete Computer Literacy, as this course satisfies the Geog./Comp. Lit. requirement. In order to maintain support during the first semester, freshmen are assigned a Senior Mentor to guide and monitor their progress.

WORLD HISTORY, CULTURE, AND GEOGRAPHY: THE MODERN WORLD

Grade Level: 10

Prerequisite: None

Requirements Met:

WHS Social Science

UC/CSU Approved “A”

In this course students will explore the major issues and democratic ideas beginning in the ancient societies to the present day. Students will study the social, political, geographical and economical factors that have transformed societies and cultures throughout the world. Students will then study recent history, focusing on the development and expansion of the Western world, and the growing interdependence of people and cultures throughout the world.

ADVANCED PLACEMENT WORLD HISTORY

Grade Level: 10-12

Prerequisite: Grade of "B" or higher in Advanced World Cultural Geography or Grade of A in World Cultural Geography and teacher approval. Completion of summer homework is also required.

Recommended: A grade of "A" in Language Arts I and strong skills in essay composition/critical thinking. Enrollment in Advanced Language Arts II.

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Social Science	UC/CSU Approved "A"
--------------------------	---------------------------	----------------------------

AP World History is a college level course in a high school setting. In this course students will examine questions in cultural, diplomatic, economic, intellectual, political, and social history. Students are expected to demonstrate knowledge the chronology of major events from approximately 8000 B.C.E. to the present. In addition to providing a basic narrative of events and movements, students will develop an understanding of some principle themes, demonstrate an ability to analyze historical evidence, and express historical understanding in writing. Students take the AP exam at the end of this course. Students who pass this test may receive college credit, advanced placement or both depending on the institution's policies. For more information regarding this course, please contact Mr. Collins at: scollins@rocklinusd.org.

Students must complete a packet over summer break which covers chapters 1-3 of the textbook and be prepared to discuss and be tested on the material by the first day of school. Textbooks must be checked out at the Whitney High School Library before the library closes for summer break. For more information regarding summer course work, please contact Mr. Collins at scollins@rocklinusd.org.

U.S. HISTORY

Grade Level: 11

Prerequisite: None

Requirements Met:	WHS Social Science	UC/CSU Approved "A"
--------------------------	---------------------------	----------------------------

In this course students examine major turning points in American history in the twentieth century. During the year, the following themes will be emphasized: Students analyze the significant events in the founding of the nation and its attempts to realize the philosophy of government described in the Declaration of Independence. Students analyze the relationship among the rise of industrialization, large-scale rural-to-urban migration, and massive immigration from Southern and Eastern Europe. Students trace the rise of the United States to its role as a world power in the twentieth century. Students analyze the major political, social, economic, technological, and cultural developments of the 1920s. Students analyze the different explanations for the Great Depression and how the New Deal fundamentally changed the role of the federal government. Students analyze America's participation in World War II. Students analyze U.S. foreign policy since World War II. Students analyze the development of federal civil rights and voting rights. Students analyze the major social problems and domestic policy issues in contemporary American society.

ADVANCED PLACEMENT U.S. HISTORY

Grade Level: 11 - 12

Prerequisite: A grade of "A" in World History and teacher approval

Recommended: A grade of "A" in Language Arts II and strong skills in essay composition/vocabulary/critical thinking. Enrollment in LA/COM III/Honors

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Social Science	UC/CSU Approved "A"
--------------------------	---------------------------	----------------------------

The Advanced Placement course in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The course prepares students for intermediate and advanced college courses by making demands on them equivalent to those made by full-year introductory college courses. This course will thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. The time period covered for the AP Exam is Exploration and Early Colonization (1500's) up through the 2012 Presidential election. Students are expected to read a college level textbook and be prepared to discuss its contents in college style discussions with the instructor and students. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution's policies. **It is strongly recommended that students enrolled in this course also enroll in Language Arts III Honors in order to focus on the writing skills needed to pass the AP exam.** For more information regarding this course, please contact Mr. Bannister at: tbannister@rocklinusd.org

GOVERNMENT AND ECONOMICS ARE EACH ONE SEMESTER COURSES TAKEN IN 11th 12th GRADE TO MEET THE WHS GRADUATION REQUIREMENT FOR GOVT/ECON. A STUDENT MAY CHOOSE TO TAKE AP GOVERNMENT OR AP MICROECONOMICS TO MEET THIS REQUIREMENT, BOTH OF WHICH ARE YEAR-LONG CLASSES.

GOVERNMENT

Grade Level: 12

Prerequisite: None

Requirements Met:	WHS Social Science	UC/CSU Approved “G” (One Semester)
--------------------------	---------------------------	---

A one semester course, taken in conjunction with Economics, dedicated to the study of the principles, structures, and functions of the United States Government. The course will emphasize a current events perspective on political issues, the legislative process, and the U.S. Constitution. Students will gain a personal awareness of individuals’ rights and responsibilities as members of the community.

ECONOMICS

Grade Level: 12

Prerequisite: None

Requirements Met:	WHS Social Science	UC/CSU Approved “G” (One Semester)
--------------------------	---------------------------	---

A one semester course, taken in conjunction with Government, dedicated to the study of basic principles of both micro and macroeconomics. Through an emphasis on current events and practical applications, the course introduces students to basic economic principles, such as supply and demand, government taxation and spending, interest rates, and inflation. In addition, the course will instruct students in issues of personal finance, such as saving and investing.

ADVANCED PLACEMENT MICROECONOMICS

Grade Level: 11-12

Prerequisites: Successful completion of either AP US History or AP World History or grade of “B” in US History and teacher approval

Recommended: Strong skills in graph analysis/vocabulary/critical thinking.

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Social Science	UC/CSU Approved “G” (One Semester)
--------------------------	---------------------------	---

The course is designed to give students a thorough understanding of the principles of economics and how they apply to individual decision makers (both consumers and producers) within the larger economic system. It places primary emphasis on the examination of how markets work and the role of government in promoting greater efficiency and equity in the economy and the economic way of thinking. Students will also study the core principles of both the senior government class and macroeconomics, therefore earning a semester of government credit. College level reading, writing, and discussion will characterize the course. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution’s policies. For more information regarding this course, please contact Mrs. Ferguson at: nferguson@rocklinusd.org

ADVANCED PLACEMENT GOVERNMENT

Grade Level: 11-12

Prerequisite: Successful completion of either AP US History or AP World History or a grade of “A” in US/World History and teacher approval. Strong skills in essay composition/vocabulary/critical thinking.

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Social Science	UC/CSU Approved “A” (One Semester)
--------------------------	---------------------------	---

This course will give students an analytical perspective on government and politics in the United States. It will include both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the variety of theoretical perspectives and explanations for various behaviors and outcomes. The course will also provide students with the conceptual tools necessary to develop an understanding United States political structures and practices. Students will also study the core principles of the senior course in economics, therefore earning a semester of economics credit. College level reading, writing and discussion will characterize the course. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution’s policies. For more information regarding this course, please contact Mr. Farnan at: tfarnan@rocklin.k12ca.us

SOCIAL SCIENCE ELECTIVES

The following courses meet the WHS **elective** graduation requirements (50 credits).

PSYCHOLOGY

Grade Level: 11-12

Prerequisite: None

Requirements Met:	WHS Elective	UC/CSU Approved "G"
-------------------	--------------	---------------------

Psychology will focus on the study of individual human behavior and thought. Topics to be covered: psychological approaches (Freud, Erikson, Skinner, Pavlov, etc.), learning, human development, memory, thought, dreams, hypnosis, mental illness, etc. Students will explore theory and experimentation, with an emphasis on applying new knowledge to real-life situations.

ADVANCED PLACEMENT PSYCHOLOGY

Grade Level: 11-12

Prerequisite: A grade of "B+" or higher in Psychology *OR* a grade of "B+" or higher in both semesters of last Social Studies class taken and teacher approval

Recommended: Psychology in 11th grade

Fees: College Board testing fee (\$TBA)

Requirements Met:	WHS Elective	UC/CSU Approved "G"
-------------------	--------------	---------------------

Advanced Placement Psychology will engage the student in the systematic study of human and animal behavior and mental processes. Some of Psychology's important issues include: The roles of genetics, experience, and spirit in influencing human behavior; the concept that our experiences, choices, and environments interact with our genetic inheritance to form our brains and shape our personalities; Questions regarding stability versus change in personality; Human rationality versus irrationality; The ability to think critically about research in human behavior; Our ability to connect our behavior and experiences to our own futures and the future of humanity. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution's policies. For more information regarding this course, please contact Mr. Knowles at: jknowles@rocklinusd.org

VISUAL & PERFORMING ARTS

<http://whs.rocklinusd.org/Academics/Visual--Performing-Arts/index.html>

Visual and Performing Arts – Scope & Sequence

Visual Arts courses are designed to offer students the opportunity to explore the general field of visual arts. Courses may be taken to meet the VAPA requirement. Students may advance into individual production courses following a variety of paths. For detailed options, see your counselor.

9th -12th Grade

Art I
Ceramics and Sculpture I
Concert Band
Concert Choir
Dance I
Dance II
Dance II Partners
Jazz Ensemble
Mass Media
String Orchestra
Theatre Arts I

10th-12th Grade

Art II
Ceramics and Sculpture II
Ceramics and Sculpture III
Chamber Choir
Dance III
Dance IV
Music Appreciation
Sculpture II
Symphonic Band
Theatre Arts II/III
Technical Theater

11th -12th Grade

Art III
Art IV
AP Studio Art: 2D
AP Studio Art: 3D
Ceramic and Sculpture IV

12th Grade

Art IV Honors
Theater Arts IV

ART

ART I

Grade Level: 9-12

Prerequisite: None

Monetary donation: \$40

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved “F”
--------------------------	--	----------------------------

This year long course offers students an introduction and foundation for basic art concepts with an emphasis on drawing and painting. Students will experience a wide variety of media such as tempera, watercolor, acrylic, pastel, pencil, paper mache’, printmaking and sculpture. Concepts such as color theory, drawing and shading techniques, linear perspective, human facial proportions, art history and the elements, and the principles of design are explored.

ART II

Grade Level: 10-12

Prerequisite: Art I

Monetary donation: \$55

Requirements Met:	WHS VAPA <u>OR</u> WHS Technology	UC/CSU Approved “F”
--------------------------	--	----------------------------

This year long course offers further exploration of fine art concepts and techniques with an emphasis placed on the ability to critique art both verbally, and in written form. Students work in a variety of media such as Prismacolor, pen & ink, scratch board, printmaking, watercolor, sculpture materials, tempera and acrylic. Concepts such as the proportions of the human body, abstract art, and art history are studied. Portfolio development is emphasized.

ART III

Grade Level: 11-12

Prerequisite: Art II and teacher approval

Monetary donation: \$60

Requirements Met:	WHS VAPA <u>OR</u> WHS Technology	UC/CSU Approved “F”
--------------------------	--	----------------------------

This year long course is designed for the more disciplined art student. The course focuses on further exploration of the principals and elements of design. An increasingly advanced application of technical skill is expected. Regularly scheduled group critiques and individual style and portfolio development are emphasized throughout the year. All students are encouraged to explore arts related college and career options. This class provides an excellent opportunity to begin compiling work for the “Breadth” portion of an AP Portfolio. **Those interested in taking AP Art should see the teacher in the spring for summer assignments.**

ART IV

Grade Level: 11-12

Prerequisite: Art I, II and III or portfolio of work demonstrating similar proficiency and teacher approval

Monetary donation: \$60

Requirements Met:	WHS VAPA <u>OR</u> WHS Technology	UC/CSU Approved "F"
--------------------------	--	----------------------------

Art IV is designed for the focused and disciplined art student. The year long class provides the opportunity to build a portfolio that includes approximately 15-20 exemplary pieces of art in drawing, painting, color theory, and/or design. A more sophisticated understanding of the principals and elements of design is developed, and an increasingly advanced application of technical skill is expected. Regularly scheduled group critiques and individual style and portfolio development are emphasized throughout the year. All students are encouraged to explore arts related college and career options. It is suggested that students take a variety of arts courses (Art I, II, Ceramics, Photography I, II or a summer college course) to prepare for this course. Please consult the VAPA link on the WHS website for specific information regarding summer assignments.

ART IV HONORS

Grade Level: 12

Prerequisite: Art I-III or Teacher Approval

Monetary donation: \$60

Requirements Met:	WHS VAPA <u>OR</u> WHS Technology	UC/CSU Approved "F"
--------------------------	--	----------------------------

This year long course is designed for the serious and disciplined art student. The class is designed to provide the opportunity to earn an honors distinction upon graduation. Honors Art students produce a body of portfolio quality work. Students are challenged to develop a deeper understanding of the principals and elements of design, and an increasingly advanced application of technical skill is expected. Regularly scheduled group critiques and individual style and portfolio development are emphasized throughout the year. Throughout the year, students are encouraged to explore arts related college and career options. In addition to studio work, sketchbook development is required, as are reading and writing on the subjects of Art and Art History.

BEGINNING SCULPTURE -CERAMICS AND SCULPTURE I

Grade Level: 9-12

Prerequisite: None

Monetary donation: \$40

Requirements Met:	WHS VAPA	UC/CSU Approved "F"
--------------------------	-----------------	----------------------------

This year long course offers an introduction to ceramic clay as a visual arts medium. Students will develop skills using a variety of construction methods such as pinch, coil, and slab and learn an array of surface treatments. Instruction covers the Elements and Principles of Design as well as an exploration of art history and sculpture in media other than ceramic.

INTERMEDIATE SCULPTURE -CERAMICS AND SCULPTURE II

Grade Level: 10-12

Prerequisite: Ceramics I

Monetary donation: \$40

Requirements Met:	WHS VAPA <u>OR</u> WHS Technology	UC/CSU Approved "F"
--------------------------	--	----------------------------

Ceramics and Sculpture II is a year long course offering further exploration of fine art concepts and techniques with an emphasis placed on the ability to critique art both verbally, and in written form. Instruction also includes basic drawing skills, slip casting, and art history. Portfolio development is emphasized.

ADVANCED SCULPTURE-CERAMICS AND SCULPTURE III

Grade Level: 10-12

Prerequisite: Ceramics II and teacher approval

Monetary donation: \$60

Requirements Met:	WHS VAPA <u>OR</u> WHS Technology	UC/CSU Approved "F"
--------------------------	--	----------------------------

This year long course is designed for the serious and disciplined art student. A more sophisticated understanding of the principals and elements of design is developed, and an increasingly advanced application of technical skills is expected. Regularly scheduled group critiques, further development of drawing skills, and individual style and portfolio development are emphasized throughout the year. Students are encouraged to explore arts related college and career options.

ADVANCED SCULPTURE-CERAMICS AND SCULPTURE IV

Grade Level: 11–12

Prerequisite: Ceramics I, II, III or portfolio of work demonstrating similar proficiency and teacher approval.

Monetary donation: \$60

Requirements Met:	WHS VAPA <i>OR</i> WHS Technology	UC/CSU Pending Approval
--------------------------	--	--------------------------------

Ceramics/Sculpture IV is designed for the focused and disciplined art student. This year long class provides the opportunity for students to continue their development and understanding of the principals and elements of design at a sophisticated level. An increasingly advanced application of technical skill is expected. Regularly scheduled group critiques and individual style and portfolio development are emphasized throughout the year. All students are encouraged to explore arts related college and career options. It is suggested that students take a variety of arts courses (Art I, II, Ceramics, Photography I, II, or a summer college course).

ADVANCED PLACEMENT STUDIO ART - 2D DESIGN PORTFOLIO

Grade Level: 11-12

Prerequisites: Art I, II, and III. Students must have completed a portfolio of work meeting the AP 2D Design Portfolio Criteria for the entire “Breadth Section” and half of the “Quality Section” as detailed at <http://apcentral.collegeboard.com>

Project ownership requires monetary contribution. TBA

Monetary donation: \$60

College Board testing fee (\$TBA)

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved “F”
--------------------------	--	----------------------------

This year long course is designed for the serious and disciplined art student. The class is designed to provide the opportunity to earn college credit or advanced placement while still in high school. AP Studio Art is not assessed by a written examination; instead, students must submit a portfolio for evaluation by the AP College Board at the end of the course. The portfolio includes approximately 25 exemplary works of art in specific categories such as drawing and painting, color/design (Breadth), and a body of work centered on a common theme (Depth). A deeper understanding of the principals and elements of design is developed and an increasingly advanced application of technical skill is expected. Regularly scheduled group critiques and individual style and portfolio development are emphasized throughout the year. Students are encouraged to explore arts related college and career options. It is suggested that students take a variety of arts courses (Art/Design I, II, Computer Art, Ceramics, Photography I, II or a summer college course) to prepare for this course. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution’s policies. Please consult the VAPA link on the WHS website for specific information regarding summer assignments.

ADVANCED PLACEMENT STUDIO ART - 3D DESIGN PORTFOLIO

Grade Level: 11-12

Prerequisite: Ceramics & Sculpture I, II, and III. Students must also have completed a portfolio of work meeting the AP 3D Design Portfolio Criteria for the entire “Breadth Section” and half of the “Quality Section” as detailed at <http://apcentral.collegeboard.com>

Monetary donation: \$60

College Board testing fee (\$TBA)

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved “F”
--------------------------	--	----------------------------

This program provides students the opportunity to earn college credit while still in high school. AP Studio Art is not based on a written examination; instead, students submit a portfolio for evaluation by the College Board towards the end of the course. This portfolio includes approximately 25 exemplary works of art in specific categories including: Quality, Breadth and Concentration, a body of work describing an in-depth exploration of a particular design concern. It is suggested that students take a variety of arts courses (Ceramics and Sculpture I, II, III, Design I, II, Computer Art, Photography I, II, or a summer college course) to prepare for this course. (See instructor for summer work.) Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement, or both depending on the institution’s policies.

DANCE

DANCE I

Grade Level: 9-12

Prerequisite: None

Student must provide their own dance clothing and shoes. Course may be repeated for credit with teacher approval.

Requirements Met:	WHS VAPA <i>OR</i> WHS PE Elective	UC/CSU Approved “F”
--------------------------	---	----------------------------

This is a performance-based class designed to introduce beginning dance students to dance. The styles and techniques studied include jazz, ballet, musical theatre, tap, hip hop, modern, lyrical, cultural dance forms, choreography, and proper nutrition for dancers. Students will study dance technique as well as history and theory. Students will be required to perform in the annual WHS Dance 1 Show.

DANCE II

Grade Level: 9-12

Prerequisite: Audition only or teacher approval.

Student must provide their own dance clothing and shoes. Course may be repeated for credit.

Requirements Met:	WHS VAPA <i>OR</i> WHS PE Elective	UC/CSU Approved "F"
--------------------------	---	----------------------------

This is a performance-based class designed for intermediate dancers to strengthen and further skills developed in Dance I. The styles and techniques studied include jazz, ballet, musical theatre, tap, hip hop, modern, lyrical, cultural dance forms, choreography, and proper nutrition for dancers. Students will study dance techniques as well as history and theory. Students will be required to perform in the annual WHS Advanced Dance Show in May.

DANCE II PARTNERS

Grade Level: 9-12

Prerequisite: Audition only or teacher approval.

Student must provide their own dance clothing and shoes. Course may be repeated for credit.

Requirements Met:	WHS VAPA <i>OR</i> WHS PE Elective	UC/CSU Approved "F"
--------------------------	---	----------------------------

This is a performance-based class designed to introduce beginning-intermediate dance students to dance. The style of dance primarily studied in this course is hip hop. Students will study dance technique as well as history and theory. Students will be required to perform in the annual WHS Advanced Dance Show in May. Costumes will be required for dance performances (Please see instructor for more information or modifications.)

DANCE III

Grade Level: 10-12

Prerequisite: Audition only or teacher approval

Student must provide their own dance clothing and shoes. Course may be repeated for credit.

Requirements Met:	WHS VAPA <i>OR</i> WHS PE Elective	UC/CSU Approved "F"
--------------------------	---	----------------------------

This is a performance-based class designed for advanced dancers to provide a more intense study of dance. Students in Dance III will be required to develop and stage student choreography. The styles and techniques studied include jazz, ballet, musical theatre, tap, hip hop, modern, lyrical, cultural dance forms, choreography, and proper nutrition for dancers. Students will study dance technique as well as history and theory. Students will be required to perform in the annual WHS Advanced Dance Show in May.

DANCE IV

Grade Level: 10-12

Prerequisite: Audition only or teacher approval

Student must provide their own dance clothing and shoes. Course may be repeated for credit.

Requirements Met:	WHS VAPA <i>OR</i> WHS PE Elective	UC/CSU Approved "F"
--------------------------	---	----------------------------

This is a performance-based class designed for the most advanced dancers working towards a career in the dance industry. Greater emphasis will be placed on student choreography and teaching techniques. The styles and techniques studied include jazz, ballet, musical theatre, tap, hip hop, modern, lyrical, cultural dance forms, choreography, and proper nutrition for dancers. Students will study dance technique as well as history and theory. Students will be required to perform in the annual Rocklin Unified Dance Show in December, as well as the WHS Advanced Dance Show in May.

MUSIC

CONCERT CHOIR

Grade Level: 9-12

Prerequisite: None.

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

The Concert Choir is for first year choir members at Whitney High School. The Choir will perform a wide variety of musical styles in various major concerts throughout the year. Students will learn to sing with proper vocal techniques and gain an understanding of basic music concepts.

CHAMBER CHOIR

Grade Level: 10-12

Prerequisite: By audition only. Course may be repeated for credit.

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

The **Chamber Choir** is an **advanced** mixed choir which is open to all students at WHS. The Choir will perform a wide variety of musical styles in various major concerts throughout the year. Students will learn to sing with proper vocal techniques and gain an understanding of basic music concepts.

CONCERT BAND

Grade Level: 9-12

Prerequisite: One or more years of a band course. Course may be repeated for credit.

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

Concert Band is a beginning band focused on learning more advanced musical techniques. Students learn scales, key signatures, and music appropriate to the 1st year, highschool musician. This course follows the guidelines for the California State Standards for Visual and Performing Arts. Performances include 2-3 concerts and 1-2 music festivals each year. Students may also choose to participate in the Basketball Pep Band, Honor Bands, Drum Line, and small ensembles. Students in this class are encouraged to participate in Marching Band. This course may be repeated for credit.

JAZZ ENSEMBLE

Grade Level: 9-12

Prerequisite: Audition Only. Course may be repeated for credit.

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

Jazz Ensemble is an advanced level course which focuses on development of high school to college level band repertoire. Musicianship is developed in accordance with the California State Standards for Visual and Performing Arts. Graded performances include 2-3 concerts or public appearances and 1-2 music festivals each year. Students in this class are encouraged to participate in Marching Band. During the fall semester, Marching Band techniques and music are rehearsed in conjunction with Jazz Ensemble.

MUSIC APPRECIATION

Grade Level: 10-12

Prerequisite: None

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

This course is designed to take the students through the basics of music. Beginning Music Theory and examination of different styles/genres of music are explored. The course is presented through DVD/Video Audio presentation, and textbook.

STRING ORCHESTRA

Grade Level: 9-12

Prerequisite: One or more years of an orchestra course. Course may be repeated for credit.

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

The String Orchestra is an intermediate to advanced level course for string players with two or more years of experience. Students study and perform music from the Baroque, Classical, Romantic, and Contemporary period. Musicianship is developed in accordance with the California State Standards for Visual and Performing Arts. Graded performances include 3-4 concerts or other public appearances and 1-2 music festivals each year. Students may choose to participate in Honor Orchestras, Musical Pit Orchestra, various small ensembles and the Spring Trip. This course may be repeated for credit.

SYMPHONIC BAND

Grade Level: 10-12

Prerequisite: Audition. Course may be repeated for credit.

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

The Symphonic Band is an advanced level course which focuses on development of high school to college level band repertoire. Musicianship is developed in accordance with the California State Standards for Visual and Performing Arts. Graded performances include 4-5 home football games, 2-3 concerts and 1-2 music festivals each year. Students may also choose to participate in the Basketball Pep Band, Honor Bands, Drumline, Musical Pit Orchestra, small ensembles and the Spring Trip. Students in this class are encouraged to participate in Marching Band. During the fall semester, Marching Band techniques and music are rehearsed in conjunction with Symphonic Band. This course may be repeated for credit.

THEATRE ARTS

THEATRE ARTS I

Grade Level: 9-12

Prerequisite: None

Project ownership requires monetary contribution of \$25

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

This is an introductory course that emphasizes development of acting skills. The course includes scene study, monologues/audition techniques, theatre history, and character study. Students view and critique theatrical performances, and apply the basics of playwriting to write and create scenes. Quarterly assignments center around onstage scene and monologue performances.

THEATRE ARTS II AND III**Grade Level: 10-12****Prerequisite: Theatre Arts I, Drama/Voice/Dance or by audition**

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

This course is an extension of the introductory theatre course. Students explore a variety of advanced acting techniques in order to improve performance skills. Students explore Shakespearean theatre and Shakespearean acting styles; in addition, students sharpen their improvisational and musical theatre skills. Actors may take this course twice for Theatre II and for Theatre III credit.

THEATRE ARTS IV**Grade Level: 12****Prerequisite: Teacher approval ONLY**

Requirements Met:	WHS VAPA (Visual & Performing Arts)	UC/CSU Approved "F"
--------------------------	--	----------------------------

This advanced-level theatre class is for seniors only. The course focuses on development of a one-person show (writing, directing, rehearsing and performing the show, and pursuing acting as a career).

TECHNICAL THEATRE**Grade Level: 10-12****Prerequisites: One year of Theatre Arts I or one year of Art I or teacher approval****Monetary Donation: \$25**

Requirements Met:	WHS VAPA (Visual & Performing Arts) <u>OR</u> WHS Technology Elective	UC/CSU Approved "F"
--------------------------	--	----------------------------

This year long course is for students who are interested in learning or refining their technical theatre skills. Technical students of all levels are welcome. Coursework focuses primarily on the preparation of the two main stage productions in the WHS theater. Curriculum includes: Designing and producing by conceptualizing and realizing artistic interpretations for informal or formal productions. Technical direction by interpreting and creating dramatic texts and organizing and conducting design concepts for informal or formal productions. Researching by evaluating and synthesizing cultural and historical information to support artistic choices. Comparing and integrating art forms by analyzing traditional theatre, dance, music, visual arts, and new art forms. Analyzing, critiquing, and constructing meanings from informal and formal theater, film, television, and electronic media productions. Understanding context by analyzing the role of theatre, film, television, and electronic media in the past and the present. The areas of scenery, lighting, costume, sound, and stage management will be covered with the expectation that the content specific vocabulary necessary to function in a theatrical workplace is mastered.

WORLD LANGUAGES

<http://whs.rocklinusd.org/Academics/World-Languages/index.html>

World Languages – Scope & Sequence

French

9th or 10th Grade

French I

10th or 11th Grade

French II

11th Grade

French III (with Honors Option)

12th Grade

French IV (with AP Option)

Spanish

9th or 10th Grade

Spanish I*

Spanish II**

10th or 11th Grade

Spanish II

Spanish III

Spanish III Honors

11th Grade

Spanish III

Spanish III Honors

AP Spanish

12th Grade

Spanish III Honors

AP Spanish

A **Multicultural** course is available for 11th & 12th grade students to meet the WHS World Language requirement of 10 credits. Please see course description in this section for more information.

* 9th grade student must have a GPA of 3.0 or higher.

**If Spanish I was taken in 8th Grade with a grade of “C” or higher.

FRENCH

FRENCH I

Grade Level: 9-12

Prerequisite: None

Requirements Met:	WHS World Languages	UC/CSU Approved “E”
-------------------	---------------------	---------------------

This course is designed to introduce students to the basics of the French language and culture. The focus of the course is communication, using French to accomplish simple tasks. For example, students will learn to greet each other in French, rather than just learn French grammar. This means that students will learn the language by using it both in and out of the classroom. Classroom activities will include paired and group activities, simulations, role-playing, dictations, story-telling, games, songs, skits, plays, videos, presentations, etc.

FRENCH II

Grade Level: 10-12

Prerequisite: French I with a grade of “C” or higher

Requirements Met:	WHS World Languages	UC/CSU Approved “E”
-------------------	---------------------	---------------------

French II is designed to build upon the grammar and culture that students learned in French I. The focus of the course is communication, using French to accomplish tasks. Students learn to converse in French rather than just learning rules. Classroom activities will include paired and group activities, simulations, role-playing, dictations, story-telling, games, songs, skits, plays, videos, presentations, etc.

FRENCH III (with Honors Option)

Grade Level: 11-12

Prerequisite: French II with a grade of “C” or higher

Requirements Met:	WHS World Languages	UC/CSU Approved “E”
-------------------	---------------------	---------------------

French III is designed to build upon the grammar and culture that students learned in French II. The focus of the course is communication, using French to accomplish tasks. Students learn to converse in French while learning in depth rules that govern French grammar. Classroom activities will include paired and group activities, simulations, role-playing, dictations, story-telling, games, songs, skits, plays, videos, presentations, etc. The Honors option is an advanced curriculum that the student will complete outside of class. It will include reading, speaking, listening and writing in the target language.

FRENCH IV (with AP Option)

Grade Level: 12

Prerequisite: French III or French III Honors AND teacher approval

Requirements Met:	WHS World Languages	UC/CSU Approved "E"
--------------------------	----------------------------	----------------------------

French IV is a college preparatory class designed to challenge the students who wish to refine their skills in French. The course is taught in French and focuses on advanced grammatical concepts, literature speaking and listening skills. Like French III Honors, classroom activities will include paired and group activities, simulations, role-playing, games, songs, skits, plays, video and presentations. Students may opt to take the AP Exam if they complete the prerequisite coursework throughout the year. The prerequisite coursework is completed outside of class and at AP meetings with the instructor.. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution's policies.

SPANISH

SPANISH I

Grade Level: 9-12

Prerequisite: GPA of 3.0 or higher* (*applies to 9th graders only)

Requirements Met:	WHS World Languages	UC/CSU Approved "E"
--------------------------	----------------------------	----------------------------

Spanish I is a year-long course designed to provide the student with opportunities to study basic vocabulary, learn basic verb conjugations and ask/answer basic questions. Along with developing a stronger cultural awareness of Spanish-speaking cultures, students will be provided daily practice in the four core areas of language learning: listening, speaking, reading and writing. Classroom activities will include: individual, paired and group activities, skits, role plays, games, videos, projects, daily warm-ups, textbook exercises and assessments (written and oral). A minimum of 25% of classroom instruction will be given in the target language.

SPANISH II

Grade Level: 9-12

Prerequisites: Spanish I with a grade of "C" or higher. Placement test for transfer students from outside RUSD.

Requirements Met:	WHS World Languages	UC/CSU Approved "E"
--------------------------	----------------------------	----------------------------

Spanish II is a year-long course designed to expand a student's understanding of the Spanish vocabulary, grammar and culture learned in Spanish I. Students will be provided many opportunities to improve their skills in the four core areas of language learning: listening, speaking, reading and writing. To increase listening comprehension and improve oral communication skills, a minimum of 50% of classroom instruction will be given in the target language and students will be encouraged to use their Spanish skills both inside and outside the classroom. Classroom activities will include: individual, paired and group activities, skits, role plays, games, videos, daily warm-ups, textbook exercises and assessments (written and oral).

SPANISH III

Grade Level: 10-12

Prerequisite: Spanish II with a grade of "B" or higher

Requirements Met:	WHS World Languages	UC/CSU Approved "E"
--------------------------	----------------------------	----------------------------

Spanish III is a year-long course designed to reinforce and amplify a student's knowledge of the Spanish vocabulary, grammar and culture learned in Spanish I and II. To meet this goal, students will be afforded daily opportunities for the improvement of their skills in the four areas of language learning: listening, speaking, reading and writing. To further deepen the student's listening comprehension and oral communication skills, a minimum of 75% of classroom instruction will be given in the target language and students will be required to use their Spanish skills both inside and outside the classroom. Classroom activities will include: individual, paired and group activities, skits, role plays, games, videos, presentations, daily warm-ups, textbook exercises and assessments (written and oral). The Honors option is an advanced curriculum that the student will complete outside of class. It will include reading, speaking, listening and writing in the target language.

SPANISH III HONORS

Grade Level: 10-12

Prerequisite: Spanish II with a grade of "B" or higher AND teacher approval

Requirements Met:	WHS World Languages	UC/CSU Approved "E"
--------------------------	----------------------------	----------------------------

Spanish III Honors is a year-long course designed to reinforce and amplify a student's knowledge of the Spanish vocabulary, grammar and culture learned in Spanish I and II. To meet this goal, students will be afforded daily opportunities for the improvement of their skills in the four areas of language learning: listening, speaking, reading and writing. To further deepen the student's listening comprehension and oral communication skills, a minimum of 90% of classroom instruction will be given in the target language and students will be required to use their Spanish skills both inside and outside the classroom. Classroom activities will include: individual, paired and group activities, skits, role plays, games, videos, presentations, daily warm-ups, textbook exercises and assessments (written and oral). The class is considered Honors because of the accelerated instruction of grammar which in return allows students to analyze all types of texts ranging from poems, song lyrics and short stories throughout the year.

AP SPANISH

Grade Level: 11-12

Prerequisites: Spanish III with a grade of “B” or higher AND teacher approval

Requirements Met:	WHS World Languages	UC/CSU Approved “E”
--------------------------	----------------------------	----------------------------

Spanish IV is a year-long course designed to reinforce and solidify the Spanish vocabulary, grammar and culture learned in Spanish I, II and III. In addition, this course examines in detail advanced grammatical concepts and higher order vocabulary terms through the careful study of Spanish realia, such as short stories, poems, magazine/newspaper articles, websites and music. On a daily basis, students will be given many opportunities to refine their skills in the four areas of language learning: listening, speaking, reading and writing. To increase the student’s proficiency in listening comprehension and oral communication, 100% of classroom instruction will be given in the target language and students will be required to use their Spanish skills both inside and outside the classroom. Classroom activities will include: individual, paired and group activities, skits, role plays, games, videos, presentations, daily warm-ups, textbook exercises and assessments (written and oral). Students may opt to take the AP Exam if they complete the prerequisite coursework throughout the year. The prerequisite coursework is completed outside of class and at AP meetings with the instructor on weekends. Students take the AP exam at the end of this course. Students who pass the test may receive college credit, advanced placement or both depending on the institution’s policies.

MULTICULTURAL STUDIES

MULTICULTURAL STUDIES

Grade Level: 9-12 (priority is given to seniors)

Prerequisite: None

Requirements Met:	WHS World Languages
--------------------------	----------------------------

This course focuses on the universal themes found in all societies by examining different cultural groups through their histories and their connection/distribution to the United States. Knowledge is one goal of the course, but so too are understanding, tolerance, appreciation, and acceptance of the many varied ways of mankind. The course will focus on diversity in human culture and societies as well as the common features that underlie that diversity. Students will learn about: the history of ethnic groups, the break down of stereotypes, recognition of common threads among different ethnic groups’ experiences and recognize issues from multiple perspectives.

CTE WORKS PROGRAMS

For additional information regarding CTE Works, visit www.cteworks.com

PLEASE NOTE THAT THE FOLLOWING COURSE INFORMATION HAS BEEN PROVIDED BY CTE Works. JOB SITES/INTERNSHIPS ARE NOT GUARANTEED. PLEASE BE AWARE THAT THIS MAY RESULT IN A CLASS CHANGE MID-YEAR. FOR THE MOST CURRENT INFORMATION OF COURSE DESCRIPTIONS, PLEASE VISIT www.cteworks.com

~Why does each district have different classes available?

Funding sources for Career Technical Education in California have changed due to Local Control Funding Formula (LCFF/LCAP). With this new state funding structure, PCOE no longer directly receives state funds to operate CTE programs. Therefore, districts must now opt-in to courses and provide funding to make them available to their students. In some cases, districts may be providing courses and services to students locally rather than through the CTE Works program.

OFF-CAMPUS CTE Works CLASSES OFFERED TO WHITNEY HIGH SCHOOL STUDENTS:

DENTAL CAREERS

Auburn Center (Blended format)

Grade Level: 11 – 12 (Priority is given to seniors)

Length of Course: Full school year. This class meets 3 days per week with the remainder of material being presented online.

Internship Included: Yes. Students must provide their own transportation to class and training sites.

Requirements: Communication skills, good finger and gross motor dexterity. Students may be required to have multiple vaccinations before being placed at training sites. Please refer to the CTE Works webpage for details. *High school students, other than independent study students, must enroll in the afternoon class.*

Recommended Preparation: Biology and/or life science

College Articulation: Students may receive college credit at Sierra College.

Requirements Met:	WHS Science <u>OR</u> WHS Technology <u>OR</u> Elective
--------------------------	--

This class offers instruction in dental office procedures, practices, standards, and ethics as well as dental terminology, anatomy, physiology and disease process, dental asepsis and sterilization, 4 – 6 handed dental assisting, patient care, front office skills, and telephone techniques. Internships may be located in dental offices/clinics or dental labs. Employment opportunities may include dental assistant, lab technician assistant, dental office assistant, dental receptionist, or dental insurance biller. Training site placements are available in Placer or Nevada County.

FIRE SCIENCE CAREERS

Auburn Fire Station #3

Grade Level: 11 – 12

Length of Course: Full School Year

Internship Included: Yes. Students must provide their own transportation to class and training sites.

Requirements: Communication skills, physical agility, coordination and stamina, basic math skills, good eyesight, and good physical condition for the rigorous physical component included in this course. Students who have asthma or other breathing conditions or allergic conditions should contact the instructor to determine appropriate placement. Students must complete agency-required background questionnaire prior to acceptance in course.

Recommended Preparation: Algebra, geometry, and biology

College Articulation: Students may receive college credit at Sierra College.

Requirements Met:	WHS Math <u>OR</u> WHS Science <u>OR</u> WHS Phys. Ed. <u>OR</u> WHS Technology <u>OR</u> Elective
--------------------------	---

Fire Science Careers is an introductory class into the challenging career of a firefighter. Students will have the opportunity to learn the skills used by firefighters. The curriculum will include emergency medical aid training, CPR and first aid, fire behavior and extinguishment theory, wildland fire operations, fire protection and safety, use of equipment (hoses and appliances, ground ladders, ropes), and first responder operations. Internships will be in local fire stations or at Cal Fire. A person must be 18 years of age before they may be employed as a firefighter. A written test and medical examination are required prior to employment. Employment opportunities may include seasonal firefighters for California Department of Forestry and Fire Protection and the United States Forest Service. *Enrollment is extremely limited and selection is based on application and interview.*

HEALTH CAREERS

Auburn CTE Center.

Grade Level: 11 – 12 (Priority given to seniors)**Length of Course: Full School Year****Internship Included: Yes. Students must provide their own transportation to class and training sites.****Recommended Preparation: Biology or life science****Requirements: Students are required to have multiple vaccinations before being placed at training sites. Please refer to the CTE Works webpage for details. Students may also need a clear background check.****College Articulation: Students may receive college credit at Sierra College.**

Requirements Met:	WHS Science <u>OR</u> WHS Technology <u>OR</u> Elective
--------------------------	--

The Health Careers course offers rigorous and relevant instruction in applied anatomy and physiology, medical procedures, disease processes, medical terminology, practices, standards and ethics, patient care and practices, vital signs, CPR, front and back office protocols, and computer operations. Internship opportunities offer cross training in a wide variety of areas of the hospital and convalescent hospitals, emergency facilities as well as outpatient medical settings. Employment opportunities include medical records clerk, laboratory assistant, dietary aide, physical therapy aide, transport orderly, unit secretary, and EKG technician. **Important Note: Enrollment is extremely limited and selection is based on application and interview.**

INTEGRATED ANIMAL SCIENCE

Auburn CTE Center

Grade Level: 11 – 12 (Priority is given to seniors)**Length of Course: Full School Year. The blended format course meets 4 days per week with the remainder of the material being presented online. The non-blended format course meets 5 days a week.****Internship Included: Yes. Students must provide their own transportation to and from off-site activities.****Prerequisite: Biology and Algebra, C grade or better.****Recommended Preparation: Animal science, biology, life science, algebra****College Articulation: Students may receive college credit at Yuba College.**

Requirements Met:	WHS Science, WHS Technology <u>OR</u> Elective	UC/CSU Approved “D”
--------------------------	---	----------------------------

This class offers instruction in small and large animal health care, study of common diseases (pathology), veterinary procedures, diagnostic laboratory procedures, basic anatomy and physiology, medial and animal related terminology, animal handling and restraint techniques, client relations and office procedures. Internship opportunities may include veterinary clinics, horse ranches, zoos and exotic animal facilities. Clinical experience at internships may count towards meeting the prerequisite for admission to Veterinary Technician programs and Schools of Veterinary Medicine. Employment opportunities may include veterinary assistant, horse farm employee, veterinary hospital aide, or zoo employee.

MEDICAL ASSISTING, CLINICAL

Auburn CTE Center

Grade Level: Senior *and* 18 years of age by December 31st**Length of Course: Full School Year. This class meets 3 days per week with the remainder of material being presented online.****Internship Included: Yes. Students must provide their own transportation to class and training sites.****Requirements: Students are required to have multiple vaccinations before being placed at training sites. Please refer to the CTE Works webpage for details. Students may also need to clear a background check as required by training site.****Recommended Preparation: Biology or life science, computer literacy/applications, and Algebra I****College Articulation: Students may receive college credits at Sierra College.**

Requirements Met:	WHS Science <u>OR</u> WHS Technology <u>OR</u> Elective
--------------------------	--

This class offers instruction in applied anatomy and physiology, medical procedures, practices, standards and ethics, patient care and practices, vital signs, CPR, and back office protocols. Internship opportunities are in doctor offices and medical clinics. Employment opportunities include a medical assistant working in the front and/or back office in a medical office or clinic.

WHITNEY HIGH SCHOOL

Courses Listed by Graduation Requirements

Language Arts Credits (40)

LA I, Adv LA I
LA II, Adv LA II
LA III, Honors LA III
LA IV/World Literature
ERWC English
AP Literature and Composition

Social Studies Credits (35)

Geography, Adv Geography
World History, AP World History
US History, AP US History
Govt/Econ
AP Microeconomics
AP Government

Mathematics Credits (20)

Integrated I – required
Integrated II- required

Math Elective Credits (10)

Accounting
AP Calculus AB
AP Calculus BC
AP Statistics
EAP Senior Math
Integrated III
Math Analysis
Pre-Calculus/Trigonometry Honors
CTE Fire Science

Science Credits (10)

Biology, Adv Bio - required

Science Elective Credits (20)

Anatomy/Physiology
Chemistry, Chemistry Honors
Forensic Science
Geology
Marine Biology
Physics I
Sports Medicine I, II, III
AP Biology
AP Chemistry
AP Environmental Science
AP Physics 1, 2, C
CTE – All Courses

PE Credits (10)

PE I – required

PE Electives (20)

Aerobic Fitness
Aerobic Walking
Athletic Weight Training
Aquatics
Dance I, II, III, IV
JROTC Drill (3rd year)
Lifetime Activities/United Lifetime
Step Aerobics
Team Sports
CTE Fire Science

Technology Credits (10)

Architectural Design
Art II, III, IV
Broadcasting I, II, III, IV
BITA I, II, III, IV
Computer Science I, II
Empowering Entrepreneurs
Engineering Design
Graphic Communications I, II, III, IV
Introduction to Business
Introduction to Publications
Media Production Management
Photography I, II
Photojournalism I, II/III
Publications II, III/IV
Publications Design and Multimedia
Sculpture II, III, IV, AP
STARS
Technical Theatre
CTE Works – All Courses

World Language (10)

French I, II, III, IIIH, IV, AP
Spanish I, II, III, IIIH, IV, AP
Multicultural Studies

Health Credits (5)

Health

VAPA Credits (10)

Art I, II, III, IV, AP
Broadcasting I, II, III, IV
Chamber Choir
Concert Band
Concert Choir
Dance I, II, III, IV
Graphic Communications I, II, III, IV
Jazz Ensemble
Media Production Management
Music Appreciation
Photography I, II, III
Photojournalism I, II/III
Sculpture I, II, III, IV, AP
String Orchestra
Symphonic Band
Technical Theatre
Theatre I, II/III, IV

Elective Credits (50)*

Avid 9-12
Child and Adolescent Development I, II
Culinary I, II, III
Leadership
Living On Your Own (LOYO)
Peer Counseling
Peer Teaching
Psychology
AP Psychology
JROTC I, II, III, IV, V
JROTC Drill
Senior Mentor
Service Leadership
Work Experience
Library Aide
Office Aide
Teacher Aide
CTE – All Courses

Any course not used in another category on the Graduation Verification Form (Petition) may be listed as an elective

