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2023-24 COURSE CATALOG

- ENTERPRISE HIGH SCHOOL
 - FOOTHILL HIGH SCHOOL
 - SHASTA HIGH SCHOOL
 - PIONEER CONTINUATION HIGH SCHOOL
 - SHASTA COLLEGIATE ACADEMY
-



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January 2023

Parents:

It is a privilege for the Shasta Union High School District to offer a relevant and rigorous curriculum to prepare your students for their future. Now, more than ever, it is crucial that all students think beyond high school graduation and look into potential college and career opportunities. With this in mind, the best thing that you and your student can do is to pursue meeting the University of California/California State University A – G requirements. These requirements are standards set by both the UC and CSU systems for admission (the A-G requirements are different than the SUHSD graduation requirements). By completing the A – G curriculum, your student will have every opportunity available to them when they graduate. While their goals may change, our students must be highly aware that their preparation for an ever-changing workplace is of paramount importance.

We are honored to serve your student in the finest school district in Northern California. Please talk with your student about the importance of taking the most rigorous schedule possible, including utilizing our Advanced Placement courses. Students who take the most rigorous schedule available enhance their chances of earning scholarships and admission to the most competitive colleges and universities.

We look forward to working with you in the 2023-24 school year. I know that the teachers and staff of the Shasta Union High School District will continue to do an amazing job educating our students.

Students:

You are being asked to make some important decisions regarding your academic program through course selections for the 2023-24 school year. This catalog provides course descriptions and other important information you need to make careful and mature choices. Review the course offerings with your parents, teachers, and counselor before making your decisions. Use the Four-Year Planning Checklist in the Appendix at the end of the catalog to help guide your selections.

Read the course descriptions carefully. When a prerequisite is listed, check to ensure you have completed it. The completion of these prerequisites is essential to your success in these courses. Please note that not all Career/Technical Education (CTE) courses are available on all campuses, but the district provides transportation to most CTE courses offered within the district. If you have any questions regarding these opportunities, please schedule a time to see your counselor.

Ensure that you know your credit status and the courses you have completed. Don't hesitate to ask for help and information from your teachers and counselor. Please review the graduation requirements for college and career/technical training.

Classes that do not attain a minimum registration enrollment may not be offered, and students will be rescheduled. In this instance, the student's alternate choice will be used. The alternate choice will also be used when class scheduling conflicts arise.

We wish you the best of luck and continued success throughout the 2023-24 school year.

Sincerely,

Leo Perez
Associate Superintendent Instructional Services

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Four-Year Planning Checklist

Career Planning Internet Resources & Glossary

GRADUATION REQUIREMENTS

COURSE REQUIREMENTS:

English:	4 years (40 credits)
Mathematics:	3 years (30 credits)*
Science:	3 years lab (30 credits)
Social Science:	4 years (40 credits)
Physical Education:	2 years (20 credits)
Practical/ Vocational Arts:	1 year (10 credits)
Visual/ Performing Arts:	1 year (10 credits)

PERFORMANCE REQUIREMENTS: *(skills satisfied in other classes)*

Health: Satisfied by completing CP or AP Human Geography and Freshman P.E.

ELECTIVES: 50 credits

TOTAL CREDITS REQUIRED: 230 credits

** Students who have not passed Math 3 or Financial Literacy, or achieved "Standard Met" or "Standard Exceeded" on the California Assessment for Student Performance and Progress (CAASPP) must take a fourth year of mathematics.*

Reading & Writing Proficiency

Forty credits of English are required for graduation. It is required that students who plan to attend a university have four years of English. All English courses include work in the areas of reading, writing, listening and speaking. Students must earn passing grades in all classes. Students who fail required courses must make up credit in summer school or other alternative courses.

Mathematics Proficiency

All students must complete three years of math, including two advanced courses in math. Two advanced courses will be defined as:

CP Math 1 & CP Math 2 (*completion of both courses will be equivalent to one year of advanced math*)
Math 2A & Math 2B (*completion of both courses will be equivalent to one year of advanced math*)
CP Math 3
Financial Literacy
AP Pre-Calculus
AP Calculus
Statistics

Physical Education

- ◆ Freshman P.E. is required of all students for graduation - no waivers and no exceptions.
- ◆ For the second year requirement, the Principal may allow up to 10 units of credit for P.E. Students who participate in two extra-curricular sports during one academic year can earn 5 credits. Students in three consecutive sports in one academic year can earn 10 credits.
- ◆ Students cannot get initial credit for P.E. during Summer School.
- ◆ Students who do not pass the Physical Fitness Test must take a district-approved P.E. Course in 10th grade.
- ◆ Students are required to continue to be enrolled in a P.E. class until they pass 5 out of 6 performance standards of the California Physical Fitness Test. A student who has completed their sophomore

year, has passed 4 of 6 California Physical Fitness Test standards, and is 16 years old, may apply for a waiver (see counselor for more details).

Health and Parent Permission

To meet the California Healthy Youth Act, comprehensive sexual health education and human immunodeficiency virus (HIV) prevention education will be taught to ninth grade students in CP or AP Human Geography.

Students are not required to attend sex education or family life classes. All instructional materials are available for review at your student's main office upon request. (Ed. Code, Sections 51937, 51938 and 51939). Parents may choose to exclude their students from participation in certain sections of instruction, guest speakers, and adjacent assessments or surveys. (Ed Code 51937, 51938, 51939)

Students may be excused from health, family life or sex education instruction that conflicts with the beliefs or training of their parents or guardians. Parents need to submit a written request to excuse the student from that part of the instruction, which conflicts with such religious training and/or beliefs. "Religious training and beliefs" includes personal moral convictions. (Ed. Code, Section 51240)

Late Enrollment

New students will receive partial credit if their enrollment date is after school has been in session for more than twenty (20) days and they are unable to provide transfer grades from a previous school/district.

Repeating Courses

Transcripts for students repeating courses will reflect both the original and the repeated course grade. When a student repeats a course, the highest grade will be computed in the GPA. Credit will be granted only once. A student may not repeat or take a course when he/she has taken a higher level course in the same discipline, except when a student is repeating a failed course. ALL STUDENTS MUST SEE THEIR COUNSELOR BEFORE REPEATING A COURSE.

The following courses may be taken for repeat credit:

1250	Journalism B (Yearbook)	7010	Band II	7075	Chamber Choir
2505	PE Course 2	7020	Jazz Ensemble	7080	Pop/Jazz Choir
2565	Fitness & Conditioning	7030	Orchestra	7085	Vocal Jazz
2550	Dance & Fitness PE	7055	Choraliers	6040	AP Studio Art
2555	Yoga & Pilates	7060	A Capella	8020	Student Government
8049	Access CR	7070	Madrigal Choir	8000	Outside Work Experience
8046	Access S	1325/1326	ELD		

Schedule Changes

Since the number of course sections offered depends upon pre-registration information, class changes are not allowed except for the following reasons:

1. Computer error
2. Changes needed to satisfy graduation requirements
3. Changes required by health
4. Completion of summer school, correspondence, Internet or college courses.

Students who drop a course after ten days from the beginning of a semester receive no credit and an "F" grade.

Level Changes (AP to CP)

Last opportunity to change a level (from AP to CP) is at the end of the quarter

General Requirements

Five units of credit are earned when a student passes one class for one semester. Partial semester credit is not awarded if students do not complete the course. Students who transfer in or out of the school may receive partial credit with administrative approval.

Credit requirements must be met prior to graduation to participate in graduation exercises.

WAIVING REQUIREMENTS:

Certain graduation requirements may be waived with the approval of a Student Study Team and Site Administration. The following requirements may **NOT** be waived:

1. Three years of Mathematics
2. Four years of English
3. Four years of Social Studies (in addition to district health requirements)
4. Three years of Lab Science
5. Two years of Physical Education (except as provided in Board Policy)
6. One year of Practical/Vocational Arts
7. One year of Visual/Performing Arts
8. Successful completion of a minimum of 230 units

STUDENT SERVICES

COUNSELING

School Counseling Program Mission Statement: The mission of SUHSD school counseling program is to ensure that all of our students receive equitable access to the knowledge, attitudes and skills necessary to achieve academic excellence, college/career readiness, personal growth and social responsibility to become contributing members of society.

School Counseling Program Goals: The school counseling program will focus on the following: academic achievement, college and career readiness, and social and emotional well-being. Details of activities promoting these goals are found in the curriculum, small-group and closing-the-gap action plans.

Counseling services are available to help students in the following areas:

1. Developing a four-year plan
2. Course selection and graduation requirements
3. Career planning beyond high school
4. College selection and entrance requirements
5. Personal issues and concerns

Students may arrange to see their counselor at any time. Counselors promote academic achievement, social/emotional wellness and college & career readiness for all. If the counselor is not immediately available, the student should sign in at the Counseling Center for assistance or to schedule an appointment with their counselor. Counselors are available if emergencies arise. Opportunities to participate in group counseling situations are also available through-out the school year.

Parents are encouraged to contact the counseling staff at any time.

CAREER CENTER

The Career Center assists students with career development to bridge the transition between the academic environment and the world of work. The Career Center provides a place where students can explore occupational information and educational planning. Information is available regarding Career & Technical Education Pathways, dual enrollment credit, and certificate preparation. College representatives, military recruiters, and representatives from various occupational areas are scheduled throughout the year to speak with students.

TRANSCRIPTS AND RECORDS

College applications and job applications sometimes require that a student send a copy of school grade records. These records may be obtained from the school registrar who will ask for the following information: first name, last name (maiden name) and year of graduation. Students can request that records be sent to another school by completing a transcript request form. A request to send records for jobs, scholarship programs, and other special programs may require the parent or guardian to sign a "Release of Records" form. If the student is eighteen years of age, he/she may sign the release form. A fee may be charged for transcripts to be sent. At least a week should be allowed for processing transcript requests.

SCHOLARSHIPS AND FINANCIAL AID

Information on college scholarships and financial aid programs is available on the Counseling website. Also refer to page xiv of this Course Catalog for Internet Resources.

College Options is a program that helps students of all ages and their families in Shasta County make informed choices about post-high school education by providing advisors in the schools, confidential financial aid advising, free workshops, and up-to-date informational material. The website is: www.collegeoptions.org

SPECIAL EDUCATION SERVICES

Special Education and related consultation and assessment services are available to students through the Special Education Department at comprehensive school sites or the District Office.

GRADING SYSTEM

Quarter Grades - Grades are available on Aeries in the middle of each semester (about the ninth week of the semester). These grades are formal reports on student progress, but they are not permanent grades and they do not carry any credit. They are not part of the permanent school record. However, they do count for athletic eligibility.

Semester Grades - Semester grades are available to students on Aeries at the end of each semester. These grades carry final credit and are considered permanent grades. These grades become part of the student's official transcript and used for athletic eligibility.

Advanced Placement Grades - Students will have an additional grade point awarded for courses which are designated Advanced Placement and are specifically preparing students to take an AP exam. Students must receive a grade of "C" or better in the course to receive a weighted grade. Some honors courses are also eligible for a grade bump, please see your counselors for a complete list of courses.

Progress Reports - Progress Report notices are distributed in the middle of each quarter marking period to those students whose work indicates the need for improvement. These notices should assist the student in correcting deficiencies before the end of the marking period.

Incomplete Grades – Students may receive an incomplete grade when a teacher determines that assignments, tests, projects or other requirements of the course have not been completed by the end of the grading period due to extenuating circumstances. **Incomplete grades must be made up by the end of the next grading period or they will become "F" grades.**

Failing Grades - A failing grade in any academic subject required for graduation must be made up; students should work with their counselor. A student will not receive credit for courses failed.

Student Transcripts – Unofficial student transcripts are available upon request and can usually be provided the same day as requested. Official transcripts must be requested in writing and may take up to a week. Grades for courses taken at outside institutions (i.e., Shasta College) may be posted on a student's transcript upon request. Once a grade is posted on the transcript, it cannot be removed. Transcript requests can also be made online at the school website. Accuracy of the transcript and requesting official transcripts from outside institutions are the responsibilities of the student.

EXAMINATION SCHEDULES

(Costs vary from year to year – check with the Counseling Office at your school)

PRELIMINARY SCHOLASTIC ASSESSMENT TEST – NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST

(PSAT/NMSQT) - This test provides students with an opportunity to take a preliminary form of a college entrance examination. It will allow junior students with outstanding test scores to be considered for scholarships through the National Merit Scholarship Program.

Approximate Test Dates: Early to mid-October
Cost: Paid for by SUHSD (for all Juniors who wish to take the test)
Location: All High Schools
Website: www.collegereadiness.collegeboard.org/psat

SCHOLASTIC ASSESSMENT TESTS (SAT and SAT Subject Tests)

For information regarding test dates, locations and registration visit www.collegeboard.org

Registration Deadlines: Approximately one month prior for all tests.
Cost: see website (SAT; SAT Subject tests)
Website: <http://collegereadiness.collegeboard.org/sat>

AMERICAN COLLEGE TESTING (ACT)

For information regarding test dates and registration visit www.act.org

Cost: (see website)
Location: Central Valley High School
Website: www.act.org

ADVANCED PLACEMENT EXAMINATIONS (AP)

Advanced Placement Examinations are available in many subject matter areas and provide outstanding students an opportunity to earn college credits on the basis of subject matter knowledge. See your counselor for more information. Registration materials for AP Tests are available in the Counseling office.

Registration: October
Test Dates: May
Cost: see website (\$95) *(fees may be waived or reduced for qualifying students)*
Location: To Be Announced
Website: www.apstudent.collegeboard.org/home

CALIFORNIA HIGH SCHOOL PROFICIENCY EXAMINATIONS

Test Dates: October, March, and June
Cost: see website
Location: see website
Website: www.chspe.net

The State Department of Education has contracted to periodically administer a high school proficiency test. In order to be eligible for the test, a student must be at least sixteen years of age on the date the test is given. Certain other students and adults are also eligible to take this test. Please see your counselor for further information. A fee is charged for taking the test. Students who pass the test are issued a Certificate of Proficiency from the state and they may withdraw from high school with parental consent. Students who elect this option do not receive a high school diploma and they may not participate in graduation exercises. Registration information is available online or by calling (866) 342-4773 (toll free).

ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB)

The purpose of the ASVAB is to help students enhance their career exploration awareness. Students' abilities are measured and taken in conjunction with interests, preferences and values, leading the student to several career choices.

There is no military obligation for students taking the ASVAB. Students interested in the military can use these results for entrance requirements.

Cost:	<u>Free</u>
Location:	Check with counselor for locations
Website:	www.asvabprogram.com

Planning Your Education and Your Career

As you progress through high school, it is important that you consider your plans for the future. Taking time to think about your interests, abilities, and skills can help you identify your career interests and help make school interesting and relevant for you. Taking classes provides you an opportunity to explore career ideas and to prepare for employment and college. It can also help you make plans for your future-what you will do after you graduate from high school.

Step 1: Identify your career interests

It is important to consider what types of activities you enjoy. Consider your hobbies and activities you like. Do you enjoy recreational activities with friends or family? What special talents and skills do you have? What types of classes do you like? Do you enjoy participating in school activities and extra-curricular activities? All of these activities are clues to your interests and abilities.

Complete a Career Interest Inventory and review career opportunities available. Identify those that sound the most interesting to you.

Step 2: Research careers that sound interesting.

Talk with family and friends about their careers.
Visit your school's Career Center.
Visit websites that have career surveys and career information.

Take classes that relate to your interests.
Take elective and CTE classes that relate to your interests.

Learn about career options through activities in the community.
Participate in Job Shadow experiences. Attend local job fairs and talk with employers.
Participate in volunteer activities or service learning that relates to your career choices.
If you plan to work while you are in high school, gain work experience in jobs related to your interests.

Step 3: Consider your plans for your future.

Do you want to work? Why?
Do you want to continue to attend school after you graduate from high school?
Talk with your family and your teachers. Find out about opportunities and resources that are available to help you achieve your goals.

Step 4: Develop a four-year career and education plan with your counselor.

Prepare for the meeting by identifying careers of interest and classes you want to take. Be prepared to discuss your plans after high school. Your counselor can help you learn about the entry requirements for employment opportunities, career-technical training programs, colleges and the military. See *Appendix for a 4-year plan template*.

Step 5: Continue to plan.

As you progress through high school, you may change your career plans. You may learn about new opportunities – or even new jobs that don't exist today. That's okay! Keep learning about yourself and exploring possibilities.

See Appendix for a Planning Guide and Internet Resources.

COMMUNITY COLLEGES

Community colleges have two major purposes: 1) to offer transfer courses, and 2) to provide vocational training. Studies in these areas may lead to an Associate of Arts or Associate of Science degree, or to a certificate.

1. **Transfer Courses:** Equivalent to the lower division (freshman and sophomore) offerings of the four-year colleges and universities. These courses enable the junior college student to transfer to a four-year college for his/her junior year without loss of credit, provided he/she has a "C" average scholarship rating.
2. **Career Technical Education Courses:** Offered in occupations that require post-high school courses. Occupations include engineering technician, registered nurse, legal or medical secretary, law enforcement, firefighter and many others. Many community colleges offer certificates of achievement upon the satisfactory completion of occupational curricula that require less than two years for completion.
3. **College Connection:** Seniors spend their senior year at Shasta College. See high school counselor for information.
4. **Gateway to College:** Alternative education opportunity for high school students who are behind in credits. Students complete their high school diploma by attending classes offered on the Shasta College campus. Concurrent enrollment allows students to make progress toward an AA or certificate as well.
5. **Dual Enrollment:** Shasta Union High School District and Shasta College have partnered to provide a comprehensive Dual Enrollment program for SUHSD students. Students are able to earn high school and college credits simultaneously while taking pre-approved courses on their high school campus. The Dual Enrollment program provides students a head start on a college education, advanced career preparation and personal enrichment opportunities. **Students must be concurrently enrolled in a minimum of four high school courses in addition to the dual enrolled course.**
6. **Concurrent Enrollment:** Students can take college courses at any Shasta College campus either in person or online. Concurrently enrolled students do not pay any tuition for classes, but are responsible for student health and campus fees. Make an appointment with the student's school counselor for more information.

ADMISSION REQUIREMENTS

High School Graduates: All high school graduates are eligible for admission to public junior colleges in California.

Non-High School Graduates: Non-high school graduates over 18 years of age who, in the opinion of the administration would benefit from the institution, may be admitted, but may not be eligible for financial aid.

Students in this area usually attend Shasta College. Students who wish to attend a community college other than Shasta College should contact that community college to see if an inter-district attendance permit is required.

APPLICATION DATES

Generally, applications should be filed during the spring semester of the senior year. Shasta College offers "Fast Track" registration to all area high school students in the second semester. All students who fulfill the Shasta Promise requirements will be given priority registration.

THE CALIFORNIA STATE UNIVERSITY

There are 23 state universities throughout California that offer degree programs. These programs provide training for all careers that require a Bachelor's degree. The California State University also has graduate schools.

High School Subject Requirements

The CSU requires a minimum 15-unit pattern of courses for admission as a first-time freshman. Each unit is equal to a year of study in a subject area. A grade of C or better is required for each course you use to meet any subject requirement.

Area	Subject	Years
a.	History and Social Science (including 1 year of U.S. history or 1 semester of U.S. history and 1 semester of civics or American government <i>AND</i> 1 year of social science)	2
b.	English (4 years of college preparatory English composition and literature)	4
c.	Math (4 years recommended) including CP Math I, CP Math 2, CP Math 3, or higher mathematics (take one each year)	3
d.	Laboratory Science (including 1 biological science and 1 physical science)	2
e.	Language Other than English (2 years of the same language; American Sign Language is applicable)	2
f.	Visual and Performing Arts (dance, drama or theater, music, or visual art)	1
g.	College Preparatory Elective (additional year chosen from the University of California "a-g" list)	1
Total Required Courses		15

Other admission criteria, in addition to the preparatory subjects, include graduation from high school (or equivalent) and a qualified Eligibility Index as defined below.

ELIGIBILITY INDEX FOR CALIFORNIA STATE UNIVERSITY

Students with a 3.0 GPA and above may establish eligibility for admission with submitting test scores.

Students with below a 2.00 GPA WILL NOT BE ELIGIBLE for admission regardless of entrance test scores.

The eligibility of students whose GPA is between a 2.00 and a 2.99 GPA will be determined by combining the GPA and test scores on an Eligibility Index.

***The complete Eligibility Index Table is available on the California State University website (www.calstate.edu)**

REQUIRED TESTS (*Suspended for the 2023-24 school year*)

All freshman applicants must submit scores for one of the following tests: SCHOLASTIC ASSESSMENT TEST (SAT) or AMERICAN COLLEGE TEST (ACT). Fee waivers are available for qualifying students. The CSU system does require the writing section. See Counseling Department for further information.

The test should be taken during the spring of the 11th grade or the fall of the 12th grade. Registration materials for these tests are available in the high school Counseling and Career Center.

APPLICATION DATES

The priority application filing period for fall semester is October 1 through November 30 of your senior year. Campuses will only accept applications after November 30th if they have openings. Many colleges will still have openings, but not in all majors. Apply online at www.calstate.edu/apply

APPLICATION FEES

Students may apply to as many campuses of the California State University system as they wish. A fee of \$70.00 must be included with each application. Waivers are available for qualifying students who meet eligibility requirements.

UNIVERSITY OF CALIFORNIA

There are nine University of California campuses offering programs leading to a Bachelor's degree. All have graduate programs leading to Master's and Doctorate degrees in most subject areas. Students can utilize the UC website (www.universityofcalifornia.edu/admissions) and meet with a counselor.

ADMISSION REQUIREMENTS

Subject Requirements:

Complete a minimum of 15 college-preparatory courses ([a-g courses](#)), with a grade of C or better - at least 11 finished prior to your senior year.

- A. **History/Social Science** - 2 years required
Two years of history/social science, including one year of World History, Cultures or Geography; and one year of US History or one-half year of US History and one-half year of American Government/Civics.
- B. **English** - 4 years required
Four years of college preparatory English or higher (Honors or AP).
- C. **Mathematics** - 3 years required, 4 recommended
Three years (four years recommended) of college-preparatory mathematics that include the topics covered in elementary and advanced algebra and two- and three-dimensional geometry.
- D. **Laboratory Science** - 2 years required, 3 recommended
UC requires two years (three years recommended) of laboratory science providing fundamental knowledge in two of these subjects: Biology, Chemistry, Physics, and Space Science & Engineering.
- E. **Language other than English** - 2 years of one language other than English, 3 recommended
Two years of the same language other than English (including ASL).
- F. **Visual and Performing Arts** - One year-long course of visual and performing arts chosen from the following: dance, drama/theater, music, or visual art
- G. **College Preparatory Electives** - 1 year required
To be chosen from eligible courses in the following subject areas:

Advanced Mathematics	Language other than English
English	History/Social Science
Visual & Performing Arts (<i>some SUHSD courses do not meet this requirement</i>)	Laboratory Science

For the most complete and updated a-g list for your school, please visit: hsarticulation.ucop.edu/agcourselist

ELIGIBILITY INDEX FOR UNIVERSITY OF CALIFORNIA

Students whose GPA in the "A to G" pattern is 3.0 or better will satisfy the minimum GPA requirement, but all students must take the appropriate tests to meet the Scholarship Requirement.

The Scholarship Requirement will be determined by combining the GPA and test scores on an ELIGIBILITY INDEX. **The index table is posted in the high school Counseling and Career Center and is contained in UC college catalogs.**

If you don't meet UC's minimum requirements, you may be considered for admission to UC if you earn high scores on the ACT Plus Writing or SAT Reasoning Test and two SAT Subject Tests. Refer to the UC admissions website for more information. www.universityofcalifornia.edu/admissions

APPLICATION DATES

The priority application filing period for fall semester is October 1 through November 30 of your senior year. Campuses will only accept applications after November 30th if they have openings. Many colleges will still have openings, but not in all majors. Apply online at www.calstate.edu/apply

APPLICATION FEES

Students may apply to as many campuses of the California State University system as they wish. A fee of \$70.00 must be included with each application. Waivers are available for qualifying students who meet eligibility requirements.

CSU-UC Comparison of Minimum Freshman Admission Requirements

	California State University (CSU)	University of California (UC)
SUBJECT REQUIREMENTS		
	15 yearlong/30 semester college preparatory A-G courses are required with letter grades of C or better*: (including summer courses)	11 UC-required college-preparatory courses must be completed prior to senior year (including summer courses)
A History/Social Science	2 years/4 semesters of history/social science, including one year of U.S. history OR one semester of U.S. history and one semester of American government, AND 1 year of history/social science from either the A or G subject area	1 year of world history, cultures, or historical geography (including European History) from the A subject area.
B English	4 years/8 semesters of college preparatory English composition/literature (including no more than 1 year of Advanced ESL/ELD): Advanced ESL may be substituted for the first year of the 4 years of English.	ESL/ELD cannot meet the senior year of English.
C Mathematics	3 years/6 semesters of mathematics (including or integrating topics covered in elementary algebra, two- and three-dimensional geometry, and advanced algebra)** (Also acceptable are courses that address the above content areas, and include or integrate: probability, statistics or trigonometry.) Students applying to CSU and UC must complete a geometry course (or integrated math courses with geometry content).	
D Science	2 years/4 semesters of science At least 1 year of physical science and 1 year of biological science, one year must be from the D subject area and the second year may be from the D or G area ** Integrated/interdisciplinary courses may be used to fulfill either physical or biological science.	2 years/4 semesters of science Must include at least two of the three foundational subjects of biology, chemistry, and physics (including Biology/Earth & Space Sciences, Chemistry/Earth & Space Sciences, and Physics/Earth & Space Sciences as part of the Next Generation Science Standards [NGSS] models); or two years of a three-year NGSS integrated science model; or one year of biology, chemistry or physics and one year of an approved science chosen from the earth & space sciences or interdisciplinary sciences disciplines. Approved courses in the applied science, computer science, and engineering disciplines may only be used for a 3 rd year (or beyond) of the science requirement. Courses must be from the D subject area.
E Language Other Than English	2 years/4 semesters (or equivalent to the 2 nd level of high school instruction) of a language other than English* (Courses must be in the same language, American Sign Language allowed)	
F Visual and Performing Arts	1 year/2 semesters (or two one-semester courses in the same discipline) required, chosen from the following disciplines: Dance, Music, Theater, Visual Arts or Interdisciplinary Arts	
G College Preparatory Elective	1 year/2 semesters of elective course work chosen from any area on approved A-G course list	
REPEATED COURSES		
	California State University (CSU) CSU and UC do not use plus/minus grades in the GPA calculation; for example, a C- = C.	University of California (UC) Required A-G courses must be completed with a letter grade of C or better*. Courses with D/F grades may be repeated. There is no limitation on the number of times a course can be repeated. Repeated courses can have the same or similarly named course titles (e.g., English 9 or English 1). The first instance of a letter grade C or better will be used in the GPA calculation.

* Pass/Credit grades allowed for A-G coursework completed in winter 2020 through summer 2021.

** High school-level coursework completed in 7th and/or 8th grade can be used to meet the area C and/or E requirements.

*** It is best to prepare for both UC and the CSU by completing two laboratory courses from the D subject area.

CSU-UC Comparison of Minimum Freshman Admission Requirements

	California State University (CSU)	University of California (UC)
VALIDATION OF SUBJECT OMISSION BY OTHER COURSES		
	<p>A letter grade of C or better in the second semester of Geometry will validate the first semester. A letter grade of C or better in the first semester of Algebra II validates both semesters of Algebra I. A letter grade of C or better in Statistics will validate Algebra I and Algebra II but will not validate Geometry.</p>	
Mathematics	<p>Integrated style Math 2 will be accepted in lieu of a Geometry course.</p> <p>A letter grade of C or better in the second semester of an area C course with a discipline of Precalculus, Calculus, or Other Advanced Mathematics on the A-G website validates the entire high school college preparatory requirement.</p> <p>A letter grade of C or better in integrated style Math 3 which includes geometry content validates the omission of integrated style Math 2. Refer to CSU's Admission Handbook.</p>	<p>The omission of a full year of geometry cannot be validated by any higher-level coursework.</p> <p>A letter grade of C or better in any semester of a math course with the discipline of Precalculus, Calculus, Statistics or Other Advanced Math will validate two years of the requirement, but not Geometry.</p> <p>A letter grade of C or better in integrated style Math 3 which includes geometry content validates the omission of integrated style Math 2.</p> <p>Refer to UC's Validation Matrix in Quick Reference Guide to UC Admissions.</p>
Language Other than English (LOTE)	<p>A letter grade of C or better in a semester of 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 high school LOTE courses. The level of validation depends on the college course prerequisite and description. For courses offered at a California Community College refer to ASSIST and look for the footnote indicating the course is equivalent to two years of high school instruction.</p>	<p>A higher-level LOTE course can validate the appropriate number of years based on the level. A college course can validate high school LOTE courses. The level of validation depends on the college course prerequisite and description. For courses offered at a California Community College refer to ASSIST and look for the footnote indicating the course is equivalent to two years of high school instruction.</p>
Chemistry	<p>A grade of C or better in the second semester of Chemistry will validate the first semester.</p>	<p>UC does not allow validation of Chemistry.</p>
VALIDATION OF DEFICIENT (D/F) GRADES IN REQUIRED COURSES		
	<p>Courses in which grades of D/F are earned may be validated in the areas of Math and Language Other Than English (LOTE) by successful completion of higher-level coursework, including D/F grades in Geometry. For UC, refer to the Validation Matrices in Quick Reference Guide to UC Admissions.</p> <p>CSU also allows the validation of D/F grades in Chemistry. For CSU, refer to the CSU Admission Handbook.</p>	
VALIDATION OF SUBJECT REQUIREMENTS BY TEST SCORES		
	<p>Required A-G courses may be satisfied with appropriate test scores on SAT, SAT Subject Tests (discontinued in 2021), Advanced Placement exams, and designated International Baccalaureate exams. A list of acceptable tests and scores is available on the CSU website; for UC, refer to Quick Reference Guide to UC Admissions. For UC, the omission of a course in Geometry cannot be validated by any examination score.</p>	
HIGH SCHOOL GPA		
	<p>Calculate GPA using all A-G approved courses completed during the summer after the 9th grade through summer after the 11th grade—excluding deficient grades which have been repeated. CSU and UC do not use plus/minus grades in the GPA calculation; for example, a C- = C.</p> <p>Repeated courses are calculated once using the highest grade earned. When completing the online admission application, the repeated course is also only reported once using the highest grade earned.</p> <p>Repeated courses are calculated once using the first instance of a letter grade of C, B, or A. UC does not average grades. However, when completing the UC admission application, all A-G courses and grades must be reported.</p>	
HONORS POINTS		
	<p>Maximum of 8 extra grade points (honors points) from four yearlong courses (8 semesters) awarded for UC-approved high school created honors, all AP, some IB courses and transferable college courses. No more than two yearlong courses (4 semesters) completed in 10th grade can be used in the honors points calculation.</p>	
TEST SCORES – ACT/SAT		
ACT or SAT	<p>The CSU no longer considers ACT/SAT examinations in determining admission eligibility for all CSU campuses and in awarding CSU scholarships. Student will not be penalized if they choose not to submit scores. If students choose to submit test scores as part of their application, they will be used as one factor of the multiple measures used for English and quantitative reasoning/mathematics college course placement (www.CSUStudentSuccess.org) in the campus they plan to enroll in. SAT Subject Tests have been discontinued and are no longer recommended for any campuses or majors.</p>	<p>UC no longer considers SAT or ACT test scores when making admissions decisions or awarding scholarships. If students choose to submit test scores as part of their application, they may be used as an alternative method of fulfilling minimum requirements for eligibility or for course placement after enrollment. SAT Subject Tests have been discontinued and are no longer recommended for any campuses or majors.</p>

INDEPENDENT COLLEGES AND UNIVERSITIES

Over sixty Independent Colleges and Universities are available to high school graduates within the State of California. There are thousands community colleges and universities throughout the country with a wide variety of programs. Many schools specialize in unique skill and training programs, such as art, music, business, trades, and technical. Entrance requirements, application procedures and deadlines, and tuition fees vary from school to school. For this reason, students interested in independent schools, colleges and universities should write to the individual school for a college catalog and admission requirements.

Addresses for most colleges can be obtained on their website. A wide variety of college catalogs and general directories are available in the Counseling Center or Career Center.

Most schools have fairly extensive scholarship and financial aid programs. Many independent colleges require the "Profile Application" for financial aid. See counselor for more information.

For more information, visit the Association of Independent California Community College and Universities website (www.aiccu.edu).

INTERNET RESOURCES

The Internet has an enormous amount of information regarding college entrance, financial aid, and career guidance materials. Below are some names and addresses of Internet sites that will assist you with your pursuit of college and career goals. Also see the websites for each individual high school (counseling pages) www.suhdsd.net and the Appendix for career planning resources.

College Admission Tests	
ACT	www.act.org
SAT	www.collegeboard.org
Kaplan	www.kaplan.com
Khan Academy	www.khanacademy.org
Testing Review	www.princetonreview.com
College Applications	
California Colleges	www.californiacolleges.edu
California State University	www.calstate.edu
University of California	www.universityofcalifornia.edu/admissions
College Net	www.collegenet.com
The Common Application	www.commonapp.org
NCAA Initial Eligibility Clearinghouse	www.ncaaclearinghouse.net
Financial Aid	
California Student Aid Commission	www.csac.ca.gov
EdFund/EdWise	www.edwise.org
Free Application for Federal Student Aid	www.fafsa.ed.gov
College Planning Resources	www.pathwaystocollege.net/collegeplanningresources
Mapping Your Future	www.mapping-your-future.org
U.S. Department of Education	http://studentaid.ed.gov
College Navigator	www.nces.ed.gov/collegenavigator
CA Postsecondary Education Commission	www.cpec.ca.gov
Assoc. Independent CA Colleges & Univs	www.aiccu.edu
Smart Student Guide to Financial Aid	www.finaid.org
California Community Colleges	www.cccco.edu
Scholarship Directories	www.fastweb.com ; www.collegenet.com/mach25/ ; www.fastaid.com
Cal Grants	www.calgrant.org
College Options	www.collegeoptions.org

EDUCATIONAL EQUITY AND EQUAL RIGHTS

The Shasta Union High School District is committed to equitable access to all programs for all students. All District activities and programs will be free from discrimination on the basis of race, color, national origin, ancestry, religious creed, age, marital status, pregnancy, physical or mental disability, medical condition, gender or sexual orientation. All students will have equal access to all programs including athletics, music, student activities, honors and advanced placement, vocational education programs, and all curricular or co-curricular programs.

Counseling services are available to all students to increase their awareness of options across programs and activities. For those students choosing to take advanced placement courses, extra grade points are awarded to students who earn a grade of "A", "B" or "C" in the course.

Expectant and parenting students shall not be excluded from any program or activity unless the student voluntarily chooses to participate in a special program. Alternative Education programs provide equal access and opportunities as well as additional support and guidance for expectant and parenting students. In these situations students may also obtain additional support and guidance to address curricular and after-school programs to assist them in completing their educational program.

The SUHSD interscholastic athletic program and activities shall be free from discrimination and discriminatory practices in accordance with state and federal law. The District encourages all interested students to participate in the athletic program and to try out for teams. No student shall be excluded from participation in an athletic program on the basis of gender.

ENGLISH

Forty credits of English are required for graduation. It is required that students who plan to attend a university have four years of English. All English courses include work in the areas of reading, writing, listening, speaking and language study. Students must earn passing grades in the required English classes. Students who fail required courses must meet with their counselor to discover credit recovery options (i.e., Summer School, Anytime School, etc.).

Students may be placed in sections according to achievement. There will also be provisions for academically talented and advanced students in designated sections. English teachers will counsel their students at the end of each school year regarding course selection for the following year. English courses in career pathway classes meet California State English/Language Arts standards.

ENGLISH I, II, III – COMMON CORE ENGLISH LANGUAGE ARTS

1020	CP ENGLISH I
1030	HONORS ENGLISH I
1080	CP ENGLISH II
1120	CP ENGLISH III

English Language Arts courses support students as they develop appropriate grade level literacy readiness for college, career, and civic life; attain the capacities of literate individuals; become broadly literate; and acquire the literacy skills for living and learning in the 21st Century. Students will read and analyze grade level fiction and non-fiction; write in the narrative, argumentative, and informational modes; and conduct short as well as extended research. Curriculum is focused on the following five themes: meaning making, language development, effective expression, content knowledge, and foundational skills. Reading increasingly complex texts as well as using textual evidence in arguments are emphasized habits of mind. *Meets UC/CSU “b” requirement except as noted.*

Prerequisites: None
Open to 9th – 11th grade
One-year courses

1091 HONORS ENGLISH II

Honors English II courses require extensive reading of poetry, prose, plays and novels chosen from a variety of historical periods and styles as well as challenging nonfiction texts. The curriculum emphasizes advanced critical analysis and interpretation, and students will develop complex written arguments about assigned readings. Informal and formal writing assignments emphasize the stages of composing sustained arguments based on detailed textual analysis: pre-writing, drafting, revising. Students learn to express complex and interrelated ideas with clarity and a mature, sophisticated style. Assignments and activities require students to show evidence of facility with a variety of technological platforms.

This course is demonstrably more challenging than regular college-preparatory sections, requiring more extensive and challenging reading assignments and more frequent, complex, and sustained writing assignments. Honors English II requires a major culminating activity, such as a complex final project or extensive written final exam.

Meets UC/CSU “b” requirement.

Prerequisites: CP or Honors English I
Open to 10th grade
One-year courses

AP ENGLISH III – LANGUAGE AND COMPOSITION

1131 AP ENGLISH III: Language & Composition

This course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. It requires students to become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. Students will develop awareness of the interactions among a writer’s purposes, reader’s expectations, and an author’s propositional content, as well as the genre conventions and the resources of language that contribute to effectiveness in writing. Developing critical literacy and facilitating informed citizenship are the course’s two primary goals. *Meets UC/CSU “b” requirement.*

Prerequisites: CP or Honors English II
Open to 11th grade
One-year courses

ENGLISH IV – EXPOSITORY READING AND WRITING COURSE

1150 **ENGLISH IV** (*Does not meet UC/CSU requirements*)
1165 **CP ENGLISH IV**

The Expository Reading and Writing Course focuses on preparing seniors for the literacy demands of higher education and the world of work. Students in this yearlong, rhetoric-based course develop proficiency in expository, analytical, and argumentative reading and writing. Students will increase their awareness of the rhetorical strategies employed by authors and apply those strategies in their own writing. They will read closely to examine the relationship between an author's argument or theme and his or her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine the social, political, and philosophical assumptions that underlie the text.

Meets UC/CSU "b" requirement except as noted.

Prerequisites: CP or AP English III
Open to 12th grade
One-year courses

AP ENGLISH IV – LITERATURE AND COMPOSITION

1171 **AP ENGLISH IV: Literature & Composition**

This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students focus on a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Close reading is the foundation for the course, and is grounded in the experience, interpretation, and evaluation of classic literature. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays.

Meets UC/CSU "b" requirement.

Prerequisites: CP or AP English III
Open to 12th grade
One-year courses

ENGLISH ELECTIVES NOT MEETING ENGLISH GRADUATION REQUIREMENTS

JOURNALISM B

1250 **JOURNALISM B (Yearbook)**

Students in this course publish the yearbook. The course involves selling advertisements, taking pictures, copywriting, and preparing the layout for the yearbook. A high degree of responsibility and commitment is required of staff members. The course may require time spent after school, and much of the advertising is sold during the summer. This course fulfills the Practical/Vocational Arts graduation requirement. Students may repeat this course for elective credit.

Meets UC/CSU "g" requirement.

Prerequisites: Consent of the instructor
Open to 10th, 11th and 12th grades and 9th grade with consent of the instructor
One-year course

ENGLISH ACCESS LABS

8040 **9E ACCESS**

This course supports students entering high school while reading below grade level and struggling with literacy skills. Taken concurrently with English, this course focuses on intensive reading instruction as well as developing academic literacy in all content areas. Organization, note-taking, test-taking, studying, writing, problem-solving and self-advocating are all skills emphasized in this course.

Prerequisites: None
Co-requisites: CP or Honors English I
Open to 9th grade

8042 **10E ACCESS**

This course is the foundational academic support for students in grade 10 who read below grade level and who are struggling with literacy skills. This course is focused on developing the skills necessary for success in the worlds of school, college, and career. Note-taking, test-taking, studying, reading, writing, problem-solving, and self-advocating are all skills emphasized in this course. In addition to school-related skills, the course also includes a focus on planning for the future; career and college research is also a part of this course.

Prerequisites: None
Co-requisites: CP English II
Open to 10th grade

8044 11/12E ACCESS

This course is the foundational academic support for students in grades 11-12 who read below grade level and who are struggling with literacy skills. This course is focused on developing the skills necessary for success in the worlds of school, college, and career. Note-taking, test-taking, studying, reading, writing, problem-solving, and self-advocating are all skills emphasized in this course. In addition to school-related skills, the course also includes a focus on planning for the future; career and college research is also a part of this course.

Prerequisites: None
Co-requisites: CP English III or IV
Open to 11th and 12th grades

ENGLISH LANGUAGE DEVELOPMENT

1325 ELD 1

English Language Development One serves English Learners in *Emerging* and early *Expanding* phases of language acquisition. This course supports students as they gain proficiency in a range of rigorous academic English language skills and habits of mind. This course is structured around three core Learning Focuses: Interacting in Meaningful Ways, Learning About How English Works, and Academic Literacy Development. Through these three focus areas, students will develop and deepen their proficiency in: collaborative, interpretive, and productive modes of interaction; structuring cohesive texts, expanding ideas, connecting and condensing ideas; and maintaining academic organization and goal setting. Daily reading, writing, listening, speaking, and language study takes place in this course, using the iLit 45 Program as well as many other academic texts.

Co-requisites: English I, II, III or IV
Open to English Learners at Emerging and Early-Expanding levels

1326 ELD 2

English Language Development Two serves English Learners in late *Expanding* and *Bridging* phases of language acquisition. This course supports students as they gain proficiency in a range of rigorous academic English language skills and habits of mind. This course is structured around three core Learning Focuses: Interacting in Meaningful Ways, Learning About How English Works, and Academic Literacy Development. Through these three focus areas, students will develop and deepen their proficiency in: collaborative, interpretive, and productive modes of interaction; structuring cohesive texts, expanding ideas, connecting and condensing ideas; and maintaining academic organization and goal setting. Daily reading, writing, listening, speaking, and language study takes place in this course, using the iLit 45 Program as well as many other academic texts.

Co-requisites: English I, II, III or IV
Open to English Learners at Late-Expanding and Bridging levels

FOREIGN LANGUAGE

Before taking foreign language, students should realize that thirty to forty minutes of preparation outside class is a minimum daily requirement and that regular attendance in class is necessary to avoid failure.

Placement Criteria:

Ninth Grade: At least 50th percentile in reading/language arts **or** teacher recommendation **or** grade of A, B, or C in eighth grade English course and/or grade of A, B, or C in previous foreign language course.

Tenth through Twelfth Grades: Use ninth grade placement criteria. a) Teacher recommendation **or** b) Student interest, particularly for students who fall in the average range, **or** c) Student performance in English classes.

Note: *These are guidelines. Some students fall into a gray area that would require a variation from an absolute standard.*

All Spanish courses use materials and methods that are in alignment with the Standards for Foreign Language Learning (American Council on the Teaching of Foreign Languages). These national standards focus on five areas:

- **Communication** – communicate in languages other than English
- **Cultures** – gain knowledge and understanding of other cultures
- **Connections** – connect with other disciplines and acquire information
- **Comparisons** – develop insight into the nature of language and culture
- **Communities** – participate in multilingual communities at home and around the world

AMERICAN SIGN LANGUAGE

4135 AMERICAN SIGN LANGUAGE I

This course will include the presentation of the manual alphabet, approximately 1000 signs, the grammatical/syntactical rules of the language as well as the cultural aspects of the Deaf.

Meets UC/ CSU “e” requirement.

Prerequisites: None
Open to all grades
One-year course

4140 AMERICAN SIGN LANGUAGE II

This class is the second in a sequence of American Sign Language classes. Focus in the first semester will be on translation of English idioms and focus in the second semester will be on storytelling skills. The student will review and expand knowledge of culture, grammar and vocabulary with an emphasis on conversational skills receptively and expressively.

Meets UC/ CSU “e” requirement.

Prerequisites: American Sign Language I
Recommended: Grade “C” or better in previous language course
Open to all grades
One-year course

4145 AMERICAN SIGN LANGUAGE III

In this class students will further develop receptive and expressive skills through a total immersion approach. Emphasis will be on translating American Sign Language stories and conversations as signed by native Deaf signers into proper written or voiced English. Complex grammatical aspects, unique to ASL, will be included. These include, but are not limited to, the proper use of the eight difference types of classifiers, descriptions of rooms and shapes, handshape stories, proper format for signing numbers, etc. Contact with the Deaf community will be encouraged to enhance linguistic and cultural knowledge.

Meets UC/ CSU “e” requirement.

Prerequisites: American Sign Language II
Recommended: Grade “C” or better in previous language course
Open to all grades

SPANISH

4090 SPANISH I

Spanish I is designed to develop facility in reading, writing, listening and speaking simple Spanish and in understanding the structure of the language. There is an emphasis on Hispanic cultures around the world.

Meets UC and CSU "e" requirement.

Prerequisites: None
Open to all grades
One-year course

4100 SPANISH II

Spanish II is a more advanced study of Spanish grammar and vocabulary to develop further proficiency in reading, writing, listening and speaking the language. There is continued emphasis on the study of Hispanic cultures around the world.

Meets UC/ CSU "e" requirement.

Prerequisites: Spanish I
Recommended: Grade "C" or better in previous language course
Open to all grades
One-year course

4110 SPANISH III

Spanish III is a continuation of Spanish II. There is a continued emphasis on language acquisition, speaking, listening and culture. There is increased emphasis on reading at this level.

Meets UC/ CSU "e" requirement.

Prerequisites: Spanish II
Recommended: Grade "C" or better in previous language course
Open to all grades
One-year course

4115 HONORS SPANISH III

The Spanish III AP Prep course is designed to help prepare students for the rigorous demands of the AP Spanish course.

Meets UC/ CSU "e" requirement.

Prerequisites: Spanish II with grade of "A" or "B" and strong language skills; teacher recommendation
Open to all grades
One-year course

4120 SPANISH IV

Spanish IV is a continuation of Spanish III. The majority of all class work is in Spanish. Subjects include advanced grammar, literature, conversational skills, culture, and history.

Meets UC/ CSU "e" requirement.

Prerequisites: Spanish III
Recommended: Grade "C" or better in previous language course
Open to all grades
One-year course

4131 AP SPANISH

Advanced Placement Spanish consists of more extensive work in reading, writing, listening and vocabulary studies. The goal is to pass the AP Spanish language examination.

Meets UC and CSU "e" requirement.

Prerequisites: Teacher recommendation
Open to all grades
One-year course

4133 AP SPANISH LITERATURE

Advanced Placement Spanish Literature is intended to be the equivalent of a third-year college introductory literature course, covering selected works from the literatures of Spain and Spanish America. Using the Spanish language, students read and analyze literature orally and in writing. The goal is to prepare students for the AP Spanish Literature exam.

Meets UC/ CSU "e" requirement.

Prerequisites: AP Spanish
Open to all grades
One-year course

MATHEMATICS

The courses in the Integrated Pathway (Math 1, Math 2, Math 3) follow the structure begun in the K-8 standards of presenting mathematics as a coherent subject, mixing standards from various conceptual categories.

Upon completion of Honors Math 1, 2, & 3, a student will have completed the necessary Pre-Calculus standards required for success in AP Calculus.

Those students who need to develop basic skills in mathematics should contact their counselor to plan the appropriate course sequence for them.

It is highly recommended that students take four (4) years of math.

All students must complete three years of math, including two advanced courses in math. Two advanced courses will be defined as Math 1, Math 2, Math 2B, Math 3, Financial Literacy, AP Pre-Calculus, Calculus, Statistics or Computer Science.

Students who have not passed Math 3 or Financial Literacy, or achieved “Standard Met” or “Standard Exceeded” on the California Assessment for Student Performance and Progress (CAASPP) must take a fourth year of mathematics.

MATH 1

2083	MATH 1 Essentials (does not meet UC/CSU requirements)
2085	CP MATH 1
2090	HONORS MATH 1

The fundamental purpose of CP Math 1 is to formalize and extend students’ understanding of linear functions and their applications. The critical topics of study deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena and in part by applying linear models to data that exhibit a linear trend. CP Math 1 uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. CP Math 1 builds on prior experiences with data, developing a more formal means of assessing how a model fits the data.

In addition to CP Math 1, Honors Math 1 students will also analyze matrices and corresponding applications. Throughout this course, advanced problem solving skills will be emphasized and practiced.

Math 1 is designed for students who have struggled with understanding mathematical concepts in middle school. This course will cover essential Math 1 standards, concepts and necessary math skills that students may be lacking.

Meets UC/CSU “c” requirement except as noted.

Prerequisites: None
Open to 9th and 10th grades
One-year course

MATH 2

2125	CP MATH 2
2140	HONORS MATH 2
2123	CP MATH 2A*
2142	CP MATH 2B*

The focus of CP Math 2 is on quadratic expressions, equations, and functions, and comparing their characteristics and behavior to those of linear and exponential relationships from CP Math 1. The need for extending the set of rational numbers arises and real and complex numbers are introduced. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, round out the course.

In Honors Math 2 work with matrices is continued and vectors are introduced. Students will represent complex numbers in both rectangular and polar form and find roots of complex numbers. Expressions that represent a quantity in terms of its context will be analyzed and used to solve problems, including inequalities. Throughout the course, advanced problem solving skills will be emphasized and practiced.

*CP Math 2A and 2B are the CP Math 2 course split over two years to achieve a slower pace for students who need more time to understand the mathematics. (These courses together count as a one year advanced math course.)

CP Math 2 and Honors Math 2 courses meet UC/CSU “c” requirement, however both CP Math 2A and CP Math 2B must be completed to meet UC/CSU requirements for CP Math 2. (continue on next page)

Prerequisites: Math 1, CP Math 1 or Honors Math 1
Open to 10th and 11th grades
One-year course

MATH 3

2155

CP MATH 3

The standards in the CP Math 3 courses come from the following conceptual categories: Modeling, Functions, Number and Quantity, Algebra, Geometry, and Statistics and Probability. Students expand their repertoire of functions to include polynomial, rational, and radical functions. Study of right triangle trigonometry is expanded to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. *Meets UC/CSU "c" requirement.*

Prerequisites: CP Math 2B, CP Math 2 or Honors Math 2
Open to 11th and 12th grades
One-year course

STATISTICS

2320

CP STATISTICS

This course is designed as a course in introductory statistics. It covers many of the topics found in the AP Statistics course and a TI84 graphing calculator is required for this course.

Meets UC/CSU "c" requirement (with pre-requisite of CP Math 3).

Prerequisites: CP Math 3 with a passing grade
or consent of the Math Department
Open to 12th grade
One-year course

2316

AP STATISTICS

The purpose of the Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be exposed to four broad conceptual themes: 1) Exploring Data, 2) Planning a Study, 3) Anticipating Patterns, and 4) Statistical Inference. A TI84 graphing calculator is required for this course.

Students who successfully complete the course and receive a score of at least 3 on the AP examination may receive credit and/or advanced placement for a one-semester introductory college statistics course.

Meets UC/CSU "c" requirement.

Prerequisites: CP Math 3 with consent of the Math Department,
or concurrent with AP Precalculus with consent of the Math Department
Open to 11th and 12th grades
One-year course

TRIGONOMETRY/PRE-CALCULUS

2150

TRIGONOMETRY/PRE-CALCULUS

Trigonometry/Pre-Calculus is a pre-calculus course containing a variety of topics, the understanding of which is necessary for success in calculus. This course includes trigonometry, theory of algebraic equations, sequences, series, limits and function analysis.

Meets UC/CSU "c" requirement

Prerequisites: CP Math 3 or higher with a "C" or better,
Honors Math 3 with passing grade,
or consent of the Math Department
Open to 12th grade
One-year course

CALCULUS

2159 AP PRECALCULUS

AP Pre-calculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, and data science. Furthermore, as AP Pre-calculus may be the last mathematics course of a student's secondary education, the course is structured to provide a coherent capstone experience and is not exclusively focused on preparation for future courses. The course content is organized into units of study that provide a suggested sequence for the course. AP Precalculus Exam Topics (Required for College Calculus Placement) Unit 1: Polynomial and Rational Functions; Unit 2: Exponential and Logarithmic Functions; Unit 3: Trigonometric and Polar Functions; Unit 4: Functions Involving Parameters, Vectors, and Matrices. *Meets UC/CSU "c" requirement*

**Prerequisites: Honors Math 2, CP Math 3
Open to 11th and 12th grades
One-year course**

2161 AP CALCULUS

This course includes the study of elementary functions, limits, derivatives, applications of derivatives, anti derivatives, integration and the application of the integral. A graphing calculator is required for this course. Students who successfully complete the course and receive a score of at least 3 on the AP examination may receive credit and/or advanced placement for a one-semester introductory college calculus course.

Meets UC/CSU "c" requirement

**Prerequisites: Honors Math 3 with a "C" or better
or consent of the Math Department
Open to 11th and 12th grades
One-year course**

2171 AP COMPUTER SCIENCE A

The AP Computer Science A course is an introduction to computer science. This course is built around the creation and implementation of computer programs that solve problems using object-oriented programming methodology with an emphasis on problem solving and algorithm development. The course will include the study of data structures and abstraction. This course will prepare students for the AP Computer Science A exam.

Meets UC/CSU "c" requirement

**Prerequisites: Completion of or concurrent enrollment in Honors Math 2 or higher
or consent of Math Department
Open 10th, 11th and 12th grades
One-year course**

FINANCIAL LITERACY

2330 FINANCIAL LITERACY

The Financial Literacy Curriculum focuses on the individual student and the ways they use math in their daily lives. This course is designed for students who have successfully completed Integrated Math 2 or 3 and want to continue their study of mathematics in a class that is challenging and applicable to their everyday lives. The course will cover the stock market, business management, banking, credit, automobile ownership, employment, taxes, independent living, retirement and budgeting. Students will apply mathematics concepts that span from algebra, geometry and statistics. This course will encourage students to establish career goals that will provide adequate income and personal fulfillment, give them the skills they need to understand personal financial planning and money management skills and understand personal and societal consequences of financial decisions.

**Prerequisites: CP Math 2B, CP Math 2 or Honors Math 2
Open to 11th & 12th grade
One-year course**

ELECTIVES

8041

9M ACCESS

This course supports Math I students who are struggling with basic math skills. Taken concurrently with a Math I course, this course focuses on identifying the mathematical weaknesses and instructing students individually with the use of a computer software system and teacher support. Course will also provide support for the Math I curriculum as necessary.

Prerequisites: None
Open to 9th grade
One-year course

8043

10M ACCESS

This course supports Math II students who are struggling with basic math skills. Taken concurrently with a Math I course, this course focuses on identifying the mathematical weaknesses and instructing students individually with the use of a computer software system. Course will also provide support for the Math II curriculum as necessary.

Prerequisites: None
Open to 10th grade
One-year course

8045

11/12M ACCESS

This course supports Math III students who are struggling with basic math skills. Taken concurrently with a Math I course, this course focuses on identifying the mathematical weaknesses and instructing students individually with the use of a computer software system. Course will also provide support for the Math III curriculum as necessary.

Prerequisites: None
Open to 11th and 12th grade
One-year course

SCIENCE

The following courses will meet the Lab Science requirement for graduation. At least one year of a biological lab science must be taken as well as one year of a physical lab science. UC requires two years (three years recommended) of laboratory science providing fundamental knowledge in two of these subjects: Biology, Chemistry, Physics, and Space Science & Engineering.

BIOLOGY

3020

CP BIOLOGY

Biology is a lab-based, conceptually taught coordinated science class. It emphasizes the science of ecology and the environment, cells, genetics and evolution, and human systems. Students enrolled in the CP English II class should take CP Biology. *Meets UC/CSU "d" requirement.*

Concurrent: Math 2 or higher
Open to 10th grade
One-year course

3032

HONORS BIOLOGY

In Honors Biology, students use inquiry and investigative laboratory activities and modeling to develop explanations and solutions for issues in the biological world. This course addresses the full spectrum of structural and physiological characteristics of life starting with the cell and how cells interact to form organisms which interact with biotic and abiotic factors in the environment and how change occurs over time. Honors Biology will cover the material with increased scope, increased depth and a higher level of difficulty than CP Biology. Honors Biology requires higher levels of mathematical functioning, reasoning, and independent work. Students will also use primary documents, graphical data and computer modeling to analyze global issues and design solutions to real world problems. Students enrolled in the Honors Math II & Honors English II class should take Honors Biology. Freshmen enrolling in this course will not receive honors weighting and are expected to take an AP science course their junior and senior years.

Meets UC/CSU "d" requirement.

Prerequisites: Honors Math 1 with a "C" or higher or
concurrent enrollment in CP Math 2 or higher
Open to 10th grade
Open to 9th graders concurrently enrolled in Honors Math 1
One-year course

3045

CP INTEGRATED AGRICULTURAL BIOLOGY

This is a one-year laboratory science course designed for the college-bound student with career interests in agriculture. The course is centered around an extensive laboratory component in order to connect the big ideas of life science with agricultural applications, earth and physical science principles, and other curricular areas, including written and oral reporting skills. *Meets UC "d" requirement*

Location: District Farm & Foothill High School
Prerequisites: Ag Physical/Earth Science and completion of introductory
Algebra or current enrollment in Math 1
Open to 10th, 11th and 12th grades
One-year course

3031

AP BIOLOGY

Advanced Placement Biology is a college-level biology course designed to meet the needs of students who are academically gifted or who achieve at a high academic level. The College Board Advanced Placement Biology Examination may be taken at the conclusion of the course. Ninety percent of colleges that most AP candidates attend give college credit and/or advanced placement in course work to students whose AP examination grades are considered acceptable. **This course culminates in taking of the College Board AP Biology exam.**

Meets UC/CSU "d" requirement.

Prerequisites: Chemistry and Biology
Open to 11th and 12th grades
One-year course

3038 CP ANATOMY & PHYSIOLOGY

Anatomy/Physiology is a study of the structure and function of the human body. This course is preparation for advanced biological studies, biomedical nursing, bioengineering, and other science based careers. Laboratory experiences and text based activities provide student learning in the following topics: all major body systems from the integumentary system to the nervous system; how the body systems utilize feedback mechanisms to work together to provide homeostasis; body functions in the healthy and diseased states; stimulation of blood typing lab; muscle action; cranial nerve functioning, and bioethics. This course fulfills the graduation requirements for 10 elective units of life science.

Meets UC/CSU "d" requirement.

Prerequisites: CP Earth & Space Science and CP Biology with a "C" or better
Open to 11th and 12th grades, with permission of instructor
One-year course

CHEMISTRY

3050 CP CHEMISTRY

Chemistry is a study of the composition of matter and of the transformation that it undergoes. Laboratory experiment is an essential part of the course. This course qualifies for nursing or lab technician preparation.

Meets UC/CSU "d" requirement.

Concurrent: Math 3 or higher
Open to 11th and 12th grades
One-year course

3055 HONORS CHEMISTRY

Chemistry is the science of matter--its composition and the transformations that it undergoes. Laboratory experimentation is an essential part of the course. In addition to the subject areas covered in general chemistry, Honors Chemistry will study molecular geometry, electrochemistry and organic chemistry. Honors Chemistry will cover the material with increased scope, increased depth and a higher level of difficulty. Honors Chemistry requires higher levels of mathematical functioning, reasoning, and independent work.

Meets UC/CSU "d" requirement.

10th grade Prerequisites: CP Biology or Honors Biology and Honors Math 1 with a "C" or better
11th and 12th grade Prerequisites: CP Math 2 or higher with grade of "C" or better
One-year course

3059 AP CHEMISTRY

Advanced Placement Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first college year. This course differs qualitatively from the beginning chemistry course with respect to the textbook used, topics covered, emphasis on chemical calculations, mathematical formulation of principles, and the kind of laboratory work done by students. This course should not displace any other part of the student's science curriculum. It is highly desirable that the student have a four year college prep program in mathematics. **This course culminates in taking of the College Board AP Chemistry exam.** *Meets UC/CSU "d" requirement.*

Prerequisite: Chemistry
Concurrent: Math 3 or higher
Open to 11th and 12th grades
One-year course

EARTH & SPACE SCIENCES

3068 CP EARTH & SPACE SCIENCE

Earth Science and Space Science is a laboratory course that will explore the natural world and its processes. Utilizing inquiry-based performance tasks, labs, performance tasks and activities students will be exposed to a broad curriculum demonstrating the interactions between the major systems of Earth, how the Earth is dynamic and the processes that cause change, how to conserve and utilize the natural resources that shape our world, the roles that humans play in altering our planet, and where we fit in the universe. This course will cover the Next Generation Science Standards for Earth and Space Sciences while incorporating Scientific and Engineering Practices, with each unit asking students to develop models, carry out investigations, communicate information, and design solutions to various problems/challenges. Students taking this class will fulfill their physical science graduation requirements. This course is the first course in the college preparatory pathway. An overview of Physics and Chemistry will be added to the curriculum as necessary. *Meets UC/CSU "d" requirement.*

Prerequisites: None
Open to 9th grade
One-year course

3069 HONORS EARTH & SPACE SCIENCE

Honors Earth Science and Space Science is a laboratory course that will take an in-depth look at the natural world and its processes. Utilizing inquiry-based performance tasks, labs, performance tasks and activities, students will be exposed to a comprehensive curriculum that gives them a comprehensive understanding of the interactions between the major systems of Earth, how the Earth is dynamic and the processes that cause change, how to conserve and utilize the natural resources that shape our world, the roles that humans play in altering our planet, and where we fit in the universe. This course will cover the Next Generation Science Standards for Earth and Space Sciences while incorporating Scientific and Engineering Practices, with each unit asking students to develop models, carry out investigations, communicate information, and design solutions to various problems and challenges. Students taking this class will fulfill their physical science graduation requirements. This course is the first course in the STEM pathway. Physics and Chemistry will be added to the curriculum as needed. *Meets UC/CSU "d" requirement.*

Concurrent: Honors Math 1
Open to 9th grade
One-year course

3067 AGRICULTURAL PHYSICAL/EARTH SCIENCE (District Farm/FHS) (Refer to Agriculture section for a more complete course description)

This course will provide students with a strong foundation of theories and principles related to Agricultural sciences and Physical Science. The course is designed to meet the physical science graduation requirement and is designed to prepare students for college entry into various disciplines of Agriculture. Students in Ag Physical/Earth Science will demonstrate a functional knowledge of the following areas: diversity and composition of matter, basic chemistry and chemical equations, mechanical energy and motion, electrical energy and magnetism, heat energy and waves, standards of measurement, and laboratory skills and safety. Hands-on lab experiences are designed to enhance the student's understanding of the relationship of agriculture and physical science. Refer to NOTE 4 above. *Meets UC "g" requirement and CSU "d" requirement.*

Location: District Farm & Foothill High School
Prerequisites: None
Open to all grades
One-year course

4690 SPACE SCIENCE & ENGINEERING (ROBOTICS) (2 hours)

This CTE course explores the interaction of science and technology and is designed to interest students in the field of robotics and motivate them to pursue advanced education in science and engineering. Students will apply the scientific method and build on physics and mathematics concepts. Students will work in small groups to research, design, program, and construct robotic devices. Students must be concurrently enrolled in **4695 Robotics Engineering Technology**.

Meets UC/CSU "d" requirement.

Location: Shasta High School
Concurrent: Robotics Engineering Technology
Prerequisites: None
Open to 10th, 11th and 12th grades
One-year course

4695 ROBOTICS ENGINEERING TECHNOLOGY

Students must be concurrently enrolled in **4690 Space Science & Engineering (Robotics)** to receive credit for this section.

Meets UC/CSU "g" requirement.

Location: Shasta High School
Concurrent: Space Science & Engineering
Prerequisites: None
Open to 10th, 11th and 12th grades
One-year course

4696 INDUSTRIAL ROBOTICS

This course focuses on advanced robotic techniques and programming through the use of Programmable Logic Controllers (PLC) curriculum that emphasizes PLC theory and basic programming. Students learn how to program and use PLCs in industrial applications that require electrical control. The PLC courses feature powerful PLC simulation control software that allows students to program a PLC and simulate industrial applications. The combination of graphic simulation software with PLC virtual hardware enables students to test and correct control programs both online and offline. The combination of virtual world software and hands on robotic arm hardware, students will gain first hand skills and knowledge to prepare them for career-ready occupations. Students will also receive additional robotics training to prepare them for the REC Industrial Certified Robotics exam, to receive their certificates in Industrial Robotics.

Meets UC/CSU "d" requirement.

Location: Shasta High School
(EHS & FHS must provide own transportation)
Prerequisites: None
Open to 10th, 11th and 12th grades
One-year course

4699 ROBOTICS LAB TECH/ADVANCED MANUFACTURING

The designation of "Robotics Lab Tech/Advanced Manufacturing" indicates that a student is capable and certified to operate industrial equipment in the shop or tech lab. Safety in the shop is the number one priority, and having students that have been certified and instructor selected, in use of power tools, industrial equipment (cnc machines, robotic arms, power tools, mobile robotic systems, 3D printing, plasma cutting, etc.) are eligible to apply to be a "Robotics Lab Tech/Advanced Manufacturing."

Prerequisites: Advanced Manufacturing/CAD/Robotics
(Industrial or Space Science/Engineering)
Open to 11th and 12th grades
One-year course

3071 AP ENVIRONMENTAL SCIENCE

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from Chemistry, Biology, Earth Science and applies them to real world issues. This course culminates in taking of the College Board AP Environmental science exam.

Meets UC/CSU "d" requirement.

Prerequisite: Biology & Chemistry
Concurrent: Math 3 or higher
Open to 11th & 12th grades
One-year course

3048 VITICULTURE (2 HOURS)

The course introduces students to the biology, environmental science, and business management practices of cultivating grapevines. Students will apply science standards by performing laboratory experiments and skills that include but are not limited to soil, water and fruit analysis techniques, vine propagation, training, pruning, canopy and trellising systems, pest and climate control, resource management, and business skills which are the basis for grape growing operations. *Meets UC/CSU "g" requirement.*

Location: Foothill High School
One-year course
Open to: 11th and 12th grades
Dual Enrolled with Shasta College

PHYSICS

3070 CP PHYSICS

Physics is the science of forces and matter (involving no changes in chemical composition) and energy. The first semester focuses on mechanics, specifically: measurement/motion, forces/vectors, curvilinear motion, and energy/momentum. The second semester includes energy forms, namely: heat, waves, sound, light and electricity. It is a laboratory course that meets the graduation requirement for lab science.

Meets UC/CSU "d" requirement.

Concurrent: Math 3 or higher
Open to 11th and 12th grades
One-year course

3084 AP PHYSICS 1

AP Physics 1: Algebra-Based 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. **This course requires levels of mathematical reasoning typical of a college physics course and culminates in taking of the College Board AP Physics 1 exam.**

Meets UC and CSU "d" requirement.

Concurrent: Honors Math 3 or higher
Open to 11th and 12th grades
One-year course

3011 APPLIED SCIENCE

This 3rd year science course offers a conceptual approach to the study of both physics and chemistry. Science equation calculations will be taught with guidance, but the main focus will be on the conceptual understanding of how the variables interact with each other. Each unit will be driven by one or more real-world scientific problems and solutions that reinforces the science content and utilizes the student's math and engineering skills. The majority of the course will be spent working on labs and activities with an emphasis on developing critical thinking and problem solving skills. In addition, the course will offer a review of earth science and biology.

Meets UC/CSU "d" requirement.

Prerequisite: Math 1
Open to 11th and 12th grades
One-year Course

ANIMAL SCIENCE

6540 ANIMAL SCIENCE

Course studies include anatomy and physiology, health and disease, vaccination procedures, nutrition, breeds and breeding, genetics, and selection and the care and management of livestock species. Scientific experiments and projects are a large component of this course and will be required. *Meets UC/CSU "g" requirement.*

Location: District Farm & Foothill High School

Prerequisites: None

Open to 11th and 12th grades

One-year course

6545 ANIMAL CAREERS AND VETERINARY SCIENCE

This course is an orientation to the animal care and veterinary medicine fields. We will cover universal health precautions, animal anatomy and physiology, nutrition, microbiology, parasite identification, pathology, common surgical procedures, laboratory procedures, pharmacology, radiology, and emergency procedures. Students learn to use basic veterinary lab equipment. Lab and front office techniques are emphasized and career research and job seeking skills are included. Certification will be obtained at the end of semester 1 and students will have clinical placement in semester 2. **Students must have their own transportation to class and clinical sites.**

Pending UC/CSU approval.

Location: District Farm/Community Sites

Prerequisites: Biology or Animal Science is recommended

Open to 11th and 12th grades

One-year course

6546 ANIMAL & PLANT PHYSIOLOGY

This course is designed to prepare students with relevant knowledge and competencies associated with animal and plant science disciplines within agriculture. Students will analyze both the structure and function of living things, both animals and plants through specifically focusing on species used for agricultural production. This course will also provide a study of common diseases of plants as well as small and large animals, the causes and means of prevention. Emphasis is placed on crop plants and mammals that are the most important to human culture as we know it. Systems of focus include the skeletal, muscular, cardiovascular, integumentary, reproductive, immune and digestive systems; and a comparative study of how plants accomplish a similar function. Students will explore these concepts through dissections, labs, simulations, research projects and environmental changes, nutrition requirements and behavior. This course will meet life science graduation requisitions and will serve as part of the agriculture science pathway. Due to the co,

Location: Foothill High School

Prerequisites: Animal Science OR Viticulture; Recommendation from Instructor

Open to 11th and 12th grades

One-year course

SOCIAL SCIENCE

CULTURAL GEOGRAPHY/CAREER CHOICES

1532	CP HUMAN GEOGRAPHY (<i>meets UC/CSU "a" requirement</i>)
1528	AP HUMAN GEOGRAPHY (<i>meets UC/CSU "a" requirement</i>)

These courses give students important background skills for success in future high school Social Studies courses. The courses examine the relationships between humans and the physical and biological landscape with which they interact. Special emphasis is placed on the ways in which humans' cultural features, including population, agriculture, politics, language, religion, folk and popular culture, ethnicity, and cities, are distributed across the globe including their patterns of adaptation to their environments. In addition, students will personally problem-solve the challenges their world poses throughout their lives. In addition, CP coursework will include strategies for identifying possible career and life interests and researching those interests. CP courses incorporate research-based units on substance abuse prevention and mental health including suicide/violence prevention, and both CP and AP courses include state-mandated sexual health instruction. Students who take and pass the AP examination with a score of 3 or better may qualify for college placement and/or credit.

To meet the California Healthy Youth Act, comprehensive sexual health education and human immunodeficiency virus (HIV) prevention education will be taught to ninth grade students in CP or AP Human Geography. All instructional materials are available for review at your student's main office upon request. Parents may choose to exclude their students from participation in certain sections of instruction, guest speakers, and adjacent assessments or surveys. (Ed Code 51937, 51938, 51939)

Prerequisites: None
Open to 9th grade
One-year course

MODERN WORLD HISTORY

1540	MODERN WORLD HISTORY (<i>Does not meet UC requirements</i>)
1550	CP MODERN WORLD HISTORY

These courses will concentrate on the development of Western Civilization from the Enlightenment to the present time. These courses will focus on the study of Democracy, the Industrial Revolution, Imperialism, the causes and effects of World War I and World War II. Area studies of the Soviet Union, China, Asia, Africa and the Middle East will also be included. Materials and individual assignments are designed to help students improve their reading in Modern World History. *Meets UC/CSU "a" requirement except as noted.*

Prerequisites: None
Open to 10th grade
One-year course

1562	AP EUROPEAN HISTORY
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This is a full-year introductory college course in European history from c. 1450 to the present. In addition to providing a basic narrative of events and movements, the goals of the Advanced Placement Program in European History are to develop: an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence, and an ability to analyze and to express historical understanding in writing. Students who take and pass the AP examination with a score of 3 or better may qualify for college placement and/or credit. *Meets UC/CSU "a" requirement.*

Prerequisites: None
Open to 10th grade
One-year course

U.S. HISTORY

1578	U.S. HISTORY (<i>Does not meet UC/CSU requirements</i>)
1580	CP U.S. HISTORY
1591	AP U.S. HISTORY Dual- Enrolled (<i>Foothill High School only--6 CC units</i>)
1591	AP U.S. HISTORY

Prerequisites: Upon application, student placement is according to committee action based upon District criteria for placement

These courses are designed to acquaint students with the historical development of the United States in the 20th century and the impact of that development on the present and future. The material to be covered will include Industrialism, Imperialism, Progressivism, World War I, the Roaring Twenties, the Great Depression, the New Deal, World War II, the Cold War and Recent America. These courses will be a more critical and sophisticated one than earlier courses students may have had in United States History. Students who take and pass the AP examination with a score of 3 or better may qualify for college placement and/or credit.

Meets UC/CSU "a" requirement except as noted.

Prerequisites: None
Open to 11th grade
One-year course

AMERICAN GOVERNMENT/ECONOMICS/CIVICS

1610	AMERICAN GOVERNMENT (<i>Does not meet UC requirements</i>)
1612	CP AMERICAN GOVERNMENT
1622	AP AMERICAN GOVERNMENT
1611	ECONOMICS (<i>Does not meet UC requirements</i>)
1613	CP ECONOMICS
1623	AP ECONOMICS
1618-1619	AP ECONOMICS – MACROS (<i>Shasta High School only</i>)

One semester covers the study of American government and politics and civics, including the state requirement of California State and Local Government. The other semester covers the study of micro and macroeconomics. Students who take and pass the AP examination with a score of 3 or better may qualify for college placement and/or credit.

Meets UC/CSU "a" requirement except as noted.

Prerequisites: None
Open to 12th grade
Semester courses

1615	AG GOVERNMENT (offered at FHS only)
1616	AG ECONOMICS (offered at FHS only)

Agriculture Government will focus on the structure and process of the United States Government System. Initial emphasis will be on the responsibilities and right of citizenship, voting, political parties, elections, campaigns, the Constitution, the branches of government and the Bill of Rights. Additionally, the course will compare the political power at the local, state, national, and global levels. A consistent focus throughout the course will be an analysis of the role that both the government and the voters play in developing policies and laws affecting the agriculture industry. Students will be involved in Supervised Agriculture Experience projects and develop leadership skills through participation in the FFA program. This course meets the state government graduation requirement.

Pending UC/CSU "a" approval.

Prerequisites: US History & Ag Biology
Open to 12th grade
Semester course

SOCIAL SCIENCE ELECTIVES (DOES NOT MEET SOCIAL SCIENCE GRADUATION REQUIREMENTS)

1630 CURRENT EVENTS

A cross-curricular Social Science course that covers the temporal events that shape our world. Students will examine the geographical, sociological and psychological roots of current events then analyze those events for their political and historical significance. Selected additional pertinent topics may be covered.

Prerequisites: None
Open to 11th and 12th grades
One-semester course

1625 PSYCHOLOGY

An introduction to the general principles of psychology, concentrating on brain functions, sensation and perception, consciousness, learning, memory, motivation, and emotion. Selected additional topics may be covered.

Meets UC/CSU "g" requirement.

Prerequisites: None
Open to 11th and 12th grades
One-year course

1569 AP PSYCHOLOGY

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. The aim of this course – equivalent to a one-semester college course – is to provide the student with a learning experience comparable to a college introductory psychology course. Major areas covered include: methods, approaches, and history; biological bases of behavior; sensation and perception; states of consciousness; learning; cognition; motivation and emotion; developmental psychology; personality; testing and individual differences; abnormal psychology; treatment of psychological disorders; and social psychology. Students who take and pass the AP examination with a score of 3 or better may qualify for college placement and/or credit.

Meets UC "g" requirement.

Prerequisites: None
Open to 11th and 12th grades
One-year course

8020 STUDENT GOVERNMENT

Student Government is designed for the student interested in learning basic concepts of democratic government; leadership skills, parliamentary procedures, group processes, leadership practice and planning and organization in practical school situations. It affords the student the opportunity to work with peers of diverse backgrounds and attitudes, to share responsibilities with other students and adults and to consider and work with problems of income and expenditures.

Meets UC/CSU "g" requirement.

Open to only the elected and appointed student leaders and officers
One-year course

9201 ORIENTATION (PHS only)

This course serves as an introduction to Pioneer High School. It provides students with the tools necessary to successfully complete their high school diploma and to help them implement goals for a successful future. Students will investigate the differences in individuals due to heredity, environment, personality, values, and goals. They will explore and discuss the motivating factors of education, training, and living a healthy lifestyle. The career component of this course will emphasize career awareness, appropriate work ethics, job applications, resumes, and career exploration. Students will be made aware of education and training options available to help them achieve their career goals.

PHYSICAL EDUCATION

Students are required to pass twenty units of physical education in order to graduate. The requirement is usually completed by the end of the sophomore year. The following activities are offered:

Aquatics (Swimming, Drown proofing)

Dance/Rhythms (Aerobic, Country Line, Latin, Social, Square)

Combatives (Self Defense, Wrestling)

Individual Activities (Archery, Cycling, Golf, Orienteering, Skiing, Track & Field, Walking, Weight Training)

Dual Activities (Badminton, Pickle ball, Table Tennis, Tennis, Two-player volleyball, Wall ball)

Team Activities (Basketball, Flag Football, Floor Hockey, Indoor/Outdoor Games, Lacrosse, Soccer, Softball, Volleyball, Volley Tennis, Ultimate Frisbee, Speedminton)

Students who do not pass the California Physical Fitness Test in the 9th grade must be enrolled in a district-approved P.E. course in 10th grade. Students are required to continue to be enrolled in a P.E. class until they pass 5 out of 6 performance standards of the California Physical Fitness Test. A student who has completed their sophomore year, passed 4 of the 6 PFT standards, and is 16 years old, may apply for an exemption (see counselor for more details).

2500 9th GRADE P.E. COURSE 1

Course 1 is an integral part of the educational program for all students. *NOTE: All Freshmen must take P.E. unless there is a medical waiver.*

Prerequisites: None
Open to 9th grade only
One-year course

2505 P.E. COURSE 2

To fulfill the requirement for high school graduation, students must pass two years of physical education in high school. All students are required to complete a second year of P.E.

Prerequisites: None
Open to 10th, 11th and 12th grades
One-year course

Courses 1 and 2 teach students how their bodies move, how to perform a variety of physical activities, the health-related benefits of regular physical activity, and specific skills that will allow them to adopt a physically active, healthy lifestyle. They also provide learning experiences that meet the developmental needs of students. With physical education, students become confident, independent, self-controlled and resilient; develop positive social skills; learn to set and strive for personal, achievable goals; learn to assume leadership, cooperate with others, and accept responsibility for their own behavior; and improve their academic performance.

2550 DANCE & FITNESS PE

This course is offered to 10-12th grade students and fulfills the 2nd year requirement of physical education. The class is designed to introduce students to the art and history of dance. Students will learn various dance styles through basic dance steps, locomotor skills, dance vocabulary, and music awareness. Activities may include but are not limited to: Folk dance, square dance, line dance, country western, hip hop, contemporary and Zumba. Students will also participate in fitness related activities through circuit training, cardio activities, functional training, weight training, yoga and Pilates. Students will be provided with a foundation of lifetime health and fitness by improving flexibility, muscular strength, coordination, and cardiovascular endurance on a daily basis. Students will gain self-discipline, self-confidence and social development.

Prerequisites: P.E. Course 1
Open to 10th, 11th and 12th grades
One-year course

2555 YOGA & PILATES

This course is designed to introduce students, safely and accessibly, to the basic postures, breathing techniques, and relaxation methods of yoga and pilates. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, learn to relax, and ultimately get more out of day-to-day life. The aim of this course is to promote vibrant health and to tap the body's latent energy reserves. Students will be provided with a foundation of lifetime health and fitness by improving flexibility, muscular strength, coordination and cardiovascular endurance on a daily basis. Students will gain self-discipline, self-confidence and social development.

**Prerequisites: P.E. Course 1
Open to 10th, 11th and 12th grades
One-year course**

2565 FITNESS AND CONDITIONING

Fitness and Conditioning is designed for serious students in weight training the entire school year. It is a conditioning and skill development physical education class offered for all 10-12th grade students. It will follow the state physical education standards for Courses 2 and 3.

**Prerequisites: Pass P.E. Course 1 and teacher approval
Open to 10th, 11th and 12th grades
One-year course**

*****All Physical Education classes in the SUHSD are co-educational. Title IX guidelines are strictly enforced throughout the district.*****

VISUAL & PERFORMING ARTS

All art courses satisfy the Visual/Performing Arts requirement for graduation. All schools offer standards-based and sequential visual art curriculum that incorporates traditional, new, and experimental art media. Second year courses and beyond meet "g" requirements for UC/CSU.

VISUAL ARTS

6000 ART I

Art I is the study of the basic elements and principles of art. Students explore these elements through a variety of two-dimensional media and three-dimensional media. Students are expected to keep a notebook, complete writing and sketchbook assignments, maintain a portfolio and to attempt all assigned art projects. This course prepares students for classes that require drawing ability. Mid-year transfers require some previous art experience, such as enrollment in an art course, teacher approval based upon examination or drawing evaluation.

Meets UC/CSU "f" requirement.

Prerequisites: None
Open to all grades
One-year course

6010 ART II

Art II involves the use of knowledge and skills acquired in Art I. The course will emphasize drawing from life and applying art theory to more open-ended projects. Students are expected to complete sketchbook assignments, periodic reading and writing assignments, maintain a portfolio, participate in critiques and attempt all assigned art projects. The course develops the individual student's capabilities to a more advanced level.

Meets UC/CSU "f" requirement.

Prerequisites: Art I with a grade of "B"
or consent of the instructor
Open to all grades
One-year course

6020 ART III

Art III is an advanced course for students who have demonstrated art proficiency and serious interest during Art II. Units are designed to provide a more in-depth exploration of media while developing compositions of a more advanced nature. Students are encouraged to integrate personal interests and styles to assigned projects. Students are expected to keep a sketchbook, maintain a portfolio, attempt all projects and to participate in group critiques.

Meets UC/CSU "f" requirement.

Prerequisites: Art II with at least a grade of "B"
or consent of the instructor
Open to 11th and 12th grades
One-year course

6030 ART IV

Art IV is a continuation of Art III with additional emphasis on incorporating personal interests into assigned projects. Students are expected to create a body of work similar to the Sustained Investigation portion of the Advanced Placement portfolio. Strong art ability, motivation and self-discipline are recommended.

Meets UC/CSU "f" requirement.

Prerequisites: Art III with at least a grade of "B"
or consent of the instructor
Open to 11th and 12th grades
One-year course

6039 AP STUDIO ART: DRAWING **6041 AP STUDIO ART: 2-D DESIGN**

The Advanced Placement Studio Art class is designed to meet the needs of students who are identified as gifted or talented or who achieve at a high level of artistic competence. Students will prepare art portfolios to meet the criteria for passing the advanced placement art examination. Strong art ability, motivation and self-discipline are recommended.

Meets UC/CSU "f" requirement.

Prerequisites: Art I and II, plus teacher recommendation
approved by committee action
Open to 11th and 12th grades
One-year course

6050 ART AND CULTURE

The Art and Culture course is designed for the student who has a curiosity about art and wants to meet high school graduation requirements. Each unit is a self-contained exploration of a particular culture. Lessons include vocabulary, viewing contemporary and historical artwork, music, videos, discussions, and culture-based art projects.

Prerequisites: None
Open to all grades
One-year course

6100 CERAMICS I

Students will work with clay and learn the following techniques and skills: pinch, coil, slab construction and throwing on the potter's wheel. The finishing of clay projects will include carving, slip coloring, glazing, and firing techniques.
Meets UC/CSU "f" requirement.

Prerequisites: None
Open to all grades
One-year course

6110 CERAMICS II

This course includes advanced pottery, wheel-thrown projects, hand-built pottery forms, ceramic sculpture and individual interest projects to be arranged with the instructor. The student will learn different techniques for making handles, lids and spouts for wheel- thrown forms. Decorating with stains and wax resists will also be studied.
Meets UC/CSU "f" requirement.

Prerequisites: Ceramics I ("B" or better) or consent of instructor
Open to 10th, 11th and 12th grades
One-year course

6060 COMPUTER ART AND DESIGN

Computer Art and Design is a second year visual art course which applies lessons learned in Art I to art and design projects created with technology. This year long course challenges advanced students to use both traditional and digital media. Curriculum includes a range of topics, styles and purposes for art imagery. Students also learn career-related skills such as producing designs for clients, art criticism, gallery exhibition and management. Students compile portfolios that can be used to demonstrate their abilities for college entrance or employment in the visual art field.
Meets UC/CSU "f" requirement.

Prerequisites: Art I with grade B or better
Open to 10th, 11th and 12th grades
One-year course

6115 THREE-DIMENSIONAL SCULPTURE

This is an introductory course where students explore the elements and principles of art and design through a variety of three-dimensional media and processes.
Meets UC/CSU "f" requirement.

Prerequisites: Art I recommended
Open to all grades
One-year course

PERFORMING ARTS – MUSIC

All music courses satisfy the one-year Visual/Performing Arts requirement for graduation. If enrollment is not sufficient to offer certain courses, students will be redirected to similar offerings. Several auditioned classes offered in this course catalog require concurrent enrollment in a core music class. A core music class is generally described as traditional band or choir. Check with instructor before enrolling in auditioned courses.

7000 BAND I

This course is offered to students who have had some beginning or intermediate instrumental training. Instruction involves group practice and individual lessons. Emphasis is also placed on fundamentals and instrumental techniques. Students are required to be at several performances.

Meets UC/CSU "f" requirement.

A core music class

Prerequisites: Admission by consent of the instructor

Open to all grades

One-year course

7010 BAND II (Symphonic Band)

Band II is designed for instrumental students with advanced ability and interest. Participation in band rehearsals and performances is required. Performances include formal and informal concerts, music festivals, and performance for civic concerts and some sports activities.

Meets UC/CSU "f" requirement.

A core music class

Prerequisites: Admission by consent of the instructor

Open to 10th, 11th & 12th grades

One-year course

7005 BEGINNING INSTRUMENTS

Beginning Instruments is open to all students. This course is designed to teach the basic fundamentals of music notation as well as the basic skills needed to perform on brass, woodwinds or percussion.

Prerequisites: None

Open to all grades

One-year course

7015 GUITAR I (EHS & FHS)

Students will study beginning music theory relating to reading rhythms, chord symbols and treble clef notation. Instruction will familiarize the student with the fingerboard, introduce simple melodies and exercises and begin chord development with simple three string chords. *Meets UC/CSU "f" requirement.*

Prerequisites: None

Open to all grades

One-year course

7016 GUITAR II (FHS)

Designed for the student who reads music. Classical techniques will be stressed. Complex chords and music theory will be taught. Students will be expected to perform classical pieces in front of the class.

Prerequisites: Guitar I

Open to all grades

One-year course

7020 JAZZ ENSEMBLE

Jazz Ensemble is intended for those students with advanced ability, as determined by the instructor, and interested in the field of modern instrumental music. The student will develop music reading skills, improvisation techniques and stylistic interpretation. Performances include local concerts as well as occasional adjudicated festivals.
Meets UC/CSU "F" requirement.

**Prerequisites: Must be currently enrolled in a core music class
Open to 10th, 11th and 12th grades
One-year course**

7030 ORCHESTRA (FHS & SHS)

Orchestra is open to students who have completed an individual course in string playing or who have had orchestra experience in the elementary schools. Performance is compulsory.
Meets UC/CSU "F" requirement.
class

**Prerequisites: Admission by consent of the instructor
Open to all grades
One-year course**

7040 ENSEMBLE ORCHESTRA (FHS)

(Instrumental - Woodwinds, Brass, Saxophone, Strings, Percussion)

Ensemble class is devoted to the development of music reading skills and familiarization of music from the 16th century through the present. The ensembles perform for school and civic programs and are evaluated through playing exams and adjudication at one or more music festivals each year.

**Prerequisites: Admission by consent of instructor
Must be currently enrolled in a core music class
One-year course**

7041 PERCUSSION ENSEMBLE (EHS & FHS)

The percussion ensemble is an advanced music performance course designed for all students grades nine through twelve. Drum corps marching as well as classical music is performed throughout the course of the year. Each student will show proficiency on a multitude of percussion instruments in various styles of music.
Meets UC/ CSU "F" requirements.

**Prerequisites: Admission by consent of instructor
Open to all grades
One-year course**

7045 PIANO 1 (EHS & FHS)

This course is designed to teach each student the basic fundamentals needed to perform first and second year piano literature. Each student will learn to read music, will learn to construct scales and perform several types of chords needed for both classical and pop styles of music.

**Prerequisites: Admission by consent of instructor
Open to all grades
One-year course**

7050 MIXED CHOIR (FHS)

Using correct vocal techniques and critical listening skills, students will sing a diverse repertoire of choral literature representing various styles, genres and cultures in a choral ensemble, demonstrating an understanding of the elements of music as well as the aesthetic qualities of selected literature. The choir performs for formal and informal concerts, music festivals, civic functions and a variety of other approved activities.

**A core music class
Prerequisites: None; Open to all grades
One-year course**

7055 CHORALIERS (Advanced Women's Ensemble)

An advanced women's vocal ensemble. The objective is the development of each student's singing voice. It is through the process of obtaining this objective that a student's musicianship, poise and self-confidence is also developed. The study of music in the class will develop the student's music reading ability and also create an awareness of her musical heritage.

Meets UC/ CSU "f" requirement.

Prerequisites: Admission by consent of instructor
A core music class
Open to all grades
One-year course

7060 A CAPPELLA

This course is an advanced choral ensemble for mixed voices. A student may audition for this group the last part of May. Auditioning students will be tested on their skills in singing and reading of music.

Meets UC/ CSU "f" requirement.

Prerequisites: Members are chosen by audition
A core music class
Open to all grades
One-year course

7070 MADRIGAL CHOIR (SHS)

Select choir of sopranos/altos/tenors/basses singing period literature. An advanced select choir balanced to perform a variety of music literature. Emphasis is on music and musicianship.

Meets UC/ CSU "f" requirement.

Prerequisites: Must be concurrently enrolled in a core music class
Admission by audition
One-year course

7075 CHAMBER CHOIR (EHS - core music class at EHS)

Select choir of sopranos/altos/tenors/basses singing period literature. An advanced select choir balanced to perform a variety of music literature. Emphasis is on music and musicianship.

Meets UC/CSU "f" requirement.

Prerequisites: Must be concurrently enrolled in a core music class
Admission by audition
One-year course

7080 POP/JAZZ CHOIR

For students with advanced vocal, instrumental and dance skills. Many forms of pop and jazz music will be studied.

Many performances as well as musical tours are required.

Meets UC/CSU "f" requirement.

Prerequisites: Must be concurrently enrolled in a core music class
Admission by audition
One-year course

7085 VOCAL JAZZ (EHS)

For the advanced vocal jazz student. Students learn vocal production, scat singing (vocal improvisation) and chord structure as well as soloing techniques. Each student must be capable of singing complex solos in front of large audiences.

Prerequisites: Must be concurrently enrolled in a core music class
Admission by audition
One-year course

7090 MUSIC APPRECIATION
7096 HISTORY OF JAZZ & ROCK (FHS & SHS)

Music Appreciation is open to all students. Students will study music that is representative of many styles and cultures. They will come to understand the social uses of music and recognize its role in world heritage, as well as recognize why it is an essential ingredient of all humanity.

Meets UC/CSU "f" requirement.

Prerequisites: None
Open to all grades
One-year course

7091 MUSIC THEORY

Music Theory is open to serious music students. Musical terminology, notational skills, score analysis and aural skills are stressed in this course.

Prerequisites: Students must be able to read music
Open to all grades
One-year course

7093 AP MUSIC THEORY

The AP Music Theory course focuses on concepts and skills emphasized within introductory college music theory courses, with the goal of helping students become sophisticated and thoughtful music listeners, performers, and composers. AP Music Theory students learn to recognize, understand, describe, and produce the basic elements and processes of performed and notated music. To become proficient with these skills, students need to consistently practice applying course concepts through aural analysis, score analysis, sight-singing, dictation, and composition.

Pending UC/CSU "f" approval.

Prerequisites: Core music class
Open to 10th, 11th & 12th grades
One-year course

7092 LOW VOICE ENSEMBLE

This class is designed to give low voice training. No previous training is necessary, but students must be willing to participate in rehearsals and concerts both during and after school. Emphasis will be on vocal training and reading music.

Meets UC/CSU "f" requirement.

Prerequisites: Admission is open to all interested tenor and bass voices
Open to all grades
One-year course

7095 HIGH VOICE ENSEMBLE

This class is designed to give the high voice training in how to sing properly. No previous training is necessary, but students must be willing to participate in concerts both during and after school. Emphasis will be on vocal training and reading music.

Meets UC/CSU "f" requirement.

Prerequisites: Admission is open to all interested soprano and alto voices
Open to all grades
One-year course

PERFORMING ARTS - DRAMA

1200 DRAMA - INTRODUCTION TO THEATRE

This course consists of work in physical acting, vocal acting and oral interpretation. Students will also study theatre history, stage spaces, and analyze a dramatic production.

Meets UC/CSU "f" requirement.

Prerequisites: None
Open to all grades
One-year course

1210 DRAMA II - ACTING

This course consists of work in advanced acting. Students will study theatre history and play analysis. By the end of the year, students will be able to demonstrate their knowledge of theater terms, theory, understand the importance of organization, time lines, the director's job, how to read a play, character development, effectively and intellectually critique a scene, perform a scene that combines music, movement and costume, demonstrate control over the voice and body, write an original script and showcase and their abilities in front of an authentic audience.

Meets UC/CSU "f" requirement.

Prerequisites: Drama I or teacher recommendation
Auditions Required
Open to 10th, 11th and 12th grades
One-year course

1215 DRAMA III - PRODUCTION AND ANALYSIS

This course focuses upon the production and analysis aspects of drama. Students will produce, direct and design their own shows. Theatre history, play writing, and production analysis will also be emphasized.

Meets UC/CSU "F" requirement.

Prerequisites: Drama I, other drama courses, previous experience, and consent of the instructor
Auditions Required
Open to 10th, 11th and 12th grades
One-year course

1220 DRAMA IV-A: SELECTED EMPHASIS: ADVANCED ACTING

This course emphasizes advanced acting techniques. This year's course will cover advanced theatre terms, ideas, theories, theatrical management, directing, play writing, play analysis, styles of theater, acting, etc. They will study the origins of theater, theater's competition, clear structure of a playwright, perform published scenes for an authentic audience, and also perform in shows outside of the classroom. Finally, they will have an opportunity to observe professional theater.

Meets UC/CSU "F" requirement.

Prerequisites: Drama II and teacher recommendation
Auditions Required
Open to 11th and 12th grades
One-year course

1225 DRAMA IV-B: SELECTED EMPHASIS: ADVANCED DIRECTING

This course emphasizes directing techniques. Students will become involved in a community theatre project and will design and produce their own shows.

Meets UC/CSU "F" requirement.

Prerequisites: Drama III and teacher recommendation
Auditions Required
Open to 11th and 12th grades
One-year course

CAREER TECHNICAL EDUCATION

The Shasta Union High School District offers Career Technical Education (CTE) programs organized in sequences of courses designed to provide all students with opportunities for enhanced learning experiences and preparation for future college and career decisions.

Courses in a **variety of Industry Sectors** are offered that satisfy the Practical Vocational Arts requirement for high school graduation. Outside Work Experience offers a combination of classroom learning and on-the-job training to 11th and 12th graders who are employed. Work Experience students develop skills, habits and attitudes conducive to job success and personal growth.

Instruction in elective CTE courses provides students with the academic knowledge and skills needed to prepare for post-secondary education. Many of the CTE courses are dual enrolled with Shasta College and offer students an opportunity to earn college credit. In addition, many CTE courses offer students A-G credit. Students also receive a strong experience and understanding of all aspects of the industry they are considering for a future career. The competency-based applied learning methodology featured in CTE courses contributes to the academic knowledge, problem solving skills, work attitudes, technical skills and general employability skills of each student.

The district's CTE courses are open to all students regardless of race, color, national origin, ancestry, religious creed, age, marital status, pregnancy, physical or mental disability, medical condition, gender or sexual orientation.

The district promotes, supports, and provides services that ensure all students have full and equitable participation in all CTE programs and courses. Support services are available for students with special needs*. These services may include: guidance and counseling, assessment, transitional services, instructional aide support, financial assistance for some lab fees, translation services, and modifications to and reasonable accommodations for curriculum, equipment and facilities. Services are provided to ensure special needs students are recruited, enrolled, placed and are successful in CTE programs/courses. For more information on any of these services, contact the student's school counselor or the district Director of Career and Technical Education.

Students in Outside Work Experience must be enrolled in four on-campus classes.

Dual Enrollment in CTE Courses

The Shasta Union High School District and Shasta College have partnered to provide a comprehensive Dual Enrollment program for SUHSD students. Students are able to earn high school and college credits simultaneously while taking pre-approved courses on their high school campus. The Dual Enrollment program provides students a head start on a college education, advanced career preparation and personal enrichment opportunities. Students must be concurrently enrolled in a minimum of four high school courses in addition to the dual enrolled course.

**The term special needs refers to individuals with disabilities; individuals with disadvantaged families, including foster children; individuals preparing for non-traditional training and employment; single parents, including single pregnant women; and individuals with other barriers to educational achievement, including individuals with limited English proficiency.*

AGRICULTURE & NATURAL RESOURCES

Courses in agriculture are developed around the student's supervised occupational experience program (project), the prevailing agriculture in the community, and the educational requirements established by the State Department of Education. Some classes may include a fee to cover the cost of materials used by the student.

All students enrolled in both agriculture programs are members of the FFA– a national, state and local youth leadership organization. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

In the event that enrollment in a given year does not justify offering all of the courses listed on the curriculum, students may interrupt the normal sequence of courses by arranging with the instructor to take alternate courses in agriculture.

Please Note:

1. Agriculture is open to all students. In case of over-enrollment, priorities will be established by principals, counselors, and agriculture teachers on the basis of student vocational goals.
2. Students who enroll in agriculture may take one year of CP Integrated Ag Biology to meet the biological laboratory science graduation requirement. One year of Ag Physical/Earth Science will meet the one-year physical laboratory science graduation requirement.
3. District Farm Students (SHS/EHS): Students enrolled in the agriculture program at the District Farm must enroll in a two-period block program. The block can consist of two science classes or one science and one shop class.
2. District Farm Students (SHS/EHS): All students in 9th, 10th, 11th, and 12th grade who enroll in a two-period block program will be transported to the District Farm from their respective high schools.

Recommended Pathway:

	<u>AG MECHANICS</u>	<u>PLANT & SOIL SCIENCE</u>	<u>ANIMAL SCIENCE</u>
9th	Ag Mechanics 1	Ag Earth Science	Ag Earth Science
10 th	Ag Mechanics 2	CP Ag Biology	CP Ag Biology
11 th	Ag Mechanics 3	Viticulture OR Plant & Soil Science	Animal Science
12 th	Ag Mechanics 4	Floral Design OR Plant/Animal Physiology	Animal Careers & Vet Science OR Plant/Animal Physiology

6510 AG MECHANICS 1

Students work with hand and power tools, acetylene and arc welding. Construction of projects in wood and metal are required. *Meets UC/CSU "g" requirement.*

Location: District Farm & Foothill High School
Prerequisites: None
Open to all grades
One-year course

6530 AG MECHANICS 2

Project construction in conjunction with the student's supervised field study will be stressed. Included will be concrete and masonry, fencing, welding, painting, carpentry, plumbing and power tool use. This course includes practical experience at the District Farm. *Meets UC/CSU "g" requirement.*

Location: District Farm & Foothill High School
Prerequisites: Ag Mechanics 1
Open to all grades
One-year course

6550 AG MECHANICS 3

This course is designed to teach the fundamentals of engines, pumps, electric motors, welding, cultivation, planting and harvesting equipment. It includes the adjustment, care, and maintenance of power equipment used on the farm. Much of this care, use and handling of machinery will be taught in the actual operation of the tractors and equipment available at the District Farm. Individual and group project construction will also be taught.
Meets UC/CSU "g" requirement.

Location: District Farm & Foothill High School
Prerequisites: Ag Mechanics 2
Open to 11th and 12th grades
One-year course

6560 AG MECHANICS 4

This course will test overall knowledge in shop skills and mechanical knowledge. Advanced concepts will also be presented. New subject matter will include electrical wiring, motors, pumps, irrigation and surveying and advanced welding. Adequate time will be given for individual projects. This course includes practical experience at the District Farm. *Meets UC/CSU "g" requirement.*

Location: District Farm & Foothill High School
Prerequisites: Ag Mechanics 3
Open to 12th grade
One-year course

3067 AGRICULTURAL PHYSICAL/EARTH SCIENCE

This course will provide students with a strong foundation of theories and principles related to Agricultural sciences and Physical Science. The course is designed to meet the physical science graduation requirement and is designed to prepare students for college entry into various disciplines of Agriculture. Students in Ag Physical/Earth Science will demonstrate a functional knowledge of the following areas: diversity and composition of matter, basic chemistry and chemical equations, mechanical energy and motion, electrical energy and magnetism, heat energy and waves, standards of measurement, and laboratory skills and safety. Hands-on lab experiences are designed to enhance the student's understanding of the relationship of agriculture and physical science. Refer to NOTE 4 above.
Meets UC "g" requirement and CSU "d" requirement.

Location: District Farm & Foothill High School
Prerequisites: None
Open to all grades
One-year course

3045 CP INTEGRATED AGRICULTURAL BIOLOGY

This is a one-year laboratory science course designed for the college-bound student with career interests in agriculture. The course is centered around an extensive laboratory component in order to connect the big ideas of life science with agricultural applications, earth and physical science principles, and other curricular areas, including written and oral reporting skills. *Meets UC "d" requirement.*

Location: District Farm & Foothill High School
Prerequisites: Ag Physical/Earth Science and completion of introductory Algebra or current enrollment in Math 1
Open to: 10th, 11th and 12th grades
One-year course

3048 VITICULTURE

The course introduces students to the biology, environmental science, and business management practices of cultivating grapevines. Students will apply science standards by performing laboratory experiments and skills that include but are not limited to soil, water and fruit analysis techniques, vine propagation, training, pruning, canopy and trellising systems, pest and climate control, resource management, and business skills which are the basis for grape growing operations. *Meets UC/CSU "g" requirement.*

Location: Foothill High School
Prerequisites: None
One-year course
Open to: 11th and 12th grades
Dual Enrolled with Shasta College

6520 PLANT AND SOIL SCIENCE

This course covers the anatomy and physiology of plants, plant pathology, and nutrient requirements, as well as ecology and other biological principles. Scientific experiments and projects are a large component of this course and will be required. *Meets UC "d" requirement.*

Location: District Farm
Prerequisites: None
Open to: 11th and 12th grades
One-year course

6540 ANIMAL SCIENCE

Course studies include anatomy and physiology, health and disease, vaccination procedures, nutrition, breeds and breeding, genetics, and selection and the care and management of livestock species. Scientific experiments and projects are a large component of this course and will be required. *Meets UC/CSU "g" requirement.*

Location: District Farm & Foothill High School
Prerequisites: None
Open to 11th and 12th grades
One-year course

6545 ANIMAL CAREERS AND VETERINARY SCIENCE

This course is an orientation to the animal care and veterinary medicine fields. We will cover universal health precautions, animal anatomy and physiology, nutrition, microbiology, parasite identification, pathology, common surgical procedures, laboratory procedures, pharmacology, radiology, and emergency procedures. Students learn to use basic veterinary lab equipment. Lab and front office techniques are emphasized and career research and job seeking skills are included. Certification will be obtained at the end of semester 1 and students will have clinical placement in semester 2. **Students must have their own transportation to class and clinical sites.**

Pending UC/CSU approval.

Location: District Farm/Community Sites
Prerequisites: Biology or Animal Science is recommended
Open to 11th and 12th grades
One-year course

6545 ANIMAL & PLANT PHYSIOLOGY

This course is designed to prepare students with relevant knowledge and competencies associated with animal and plant science disciplines within agriculture. Emphasis is placed on crop plants and mammals that are the most important to agriculture. Systems of focus include the skeletal, muscular, cardiovascular, integumentary, reproductive, immune and digestive systems; and a comparative study of how plants accomplish a similar function. Students will explore these concepts through dissections, labs, simulations, and research projects. *Meets UC/CSU "g" requirement.*

Location: Foothill High School
Prerequisites: Animal Science or Viticulture,
Admission by consent of the instructor
Open: 12th grade
One-year course

6575 FLORAL DESIGN

Floral Design is an introductory course in the production of commercial floral arrangement, corsage, and products. The history and principles of floral design will be covered. Students will conduct various floral products including arrangements, corsages, holiday, party, and wedding work. An overview of the floral industry includes flowers and plant care; sales and business techniques will also be presented. Students will develop a portfolio and resume to use when applying for employment in the floral industry. Students will learn to identify numerous flowers, foliage plants, and floral supplies that are used in the industry. *Pending UC/CSU Approval.*

Location: Foothill High School
Prerequisites: None
Open to: 10th, 11th and 12th grades
One-year course

BUILDING & CONSTRUCTION TRADES

The Building and Construction Trades sector provides a foundation in the building trades and construction industry. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in the building trades and construction industry. Career pathways in this sector emphasize processes, systems, and the way in which structures are built. The knowledge and skills are acquired in a sequential, standards-based pathway program that integrates hands-on, project-based, and work-based instruction as well as community classroom, work experience, and apprenticeship. Standards included in the Building Trades and Construction sector are designed to prepare students for technical training, postsecondary education, and entry to a career.

Recommended Pathway:

Construction Principles
The Art of Fine Woodworking
Construction Technology Careers

Please Note:

1. All Building Trades & Construction courses meet the district's Practical/ Vocational Arts graduation requirement.
2. Most Building Trades & Construction classes require the passing of safety tests before students are allowed to work in the lab. If a student is unable or unwilling to meet this requirement, it will be recommended that he/she be transferred from the class.

5070 INTRO TO CONSTRUCTION (PHS Only)

Intro to Construction is designed to give students a fundamental knowledge of woodworking hand tools and some basic power tools. Each student will be expected to complete several required woodworking operations such as wood joints, squaring lumber and constructing projects. In addition, each student will select, plan, design, draw and construct one or more projects of his/her choosing with the approval of the instructor. Emphasis is also placed on developing basic employability skills and applications in alternative energy resources.

Prerequisites: None
Open to all grades
One-year course

5080 CONSTRUCTION PRINCIPLES (EHS Only)

Intermediate Construction is designed to give students a thorough understanding of the basic woodworking equipment in the shop and its safe use along with skills, operations, methods and procedures used in machine woodworking. Students will select, plan, design, draw and construct one or more projects of their choosing with approval of the instructor.

Prerequisites: none
Open to 10th, 11th and 12th grades
One-year course

5055 THE ART OF FINE WOODWORKING (EHS Only)

This course is designed to teach both drafting and woodworking skills. Students will draw and then construct a beautiful wall cabinet. No prior woodworking or drafting experience is necessary.

Location: Enterprise High School
Prerequisites: None
Open to all grades
One-year course

5095 CONSTRUCTION TECHNOLOGY CAREERS (2 hours)

This course is designed to teach basic skills in all areas of construction and provide entry-level skills in general construction or a specific trade. Competencies taught will include site layout skills, introduction to concrete, reinforcing materials and forms, handling and placing concrete, introduction to masonry, floor systems, wall and ceiling framing, roof applications, exterior finishing, electrical safety and services, HVAC, DWV and more. The course will be taught at Enterprise High School and will include community collaboration. This course is NCCER accredited.

Location: Enterprise High School
Prerequisites: None
Open to 11th and 12th grades
One-year course

BUSINESS & FINANCE

Students trained in such fields as accounting, banking, and finance will find that their skills are highly marketable. A bachelor's degree in Business continues to be one of the most popular majors. In our district Business courses, students master basic computer skills before proceeding to career path specializations. The specializations emphasize concepts of accounting, finance, and business. Because almost every business organization has an accounting component, students with knowledge of accounting will find that opportunities exist in many other career paths in addition to those in finance and business.

Business education is the application of academic skills in a work-based setting. Students who take sequenced business courses can receive on-the-job work experience. Many courses are articulated with Shasta College and offer potential college credits. Students can also develop leadership skills through the Future Business Leaders of America (FBLA). Business and technology classes can be used to acquire job entry skills for any student. College-bound students can develop skills that will provide part-time employment while in school. All students can use business and technology classes to explore possible career fields. Check individual school course lists for locations of course offerings.

Recommended Pathway:

Computer Literacy

Intro to Business

Principles of Business Entrepreneurship

4640

COMPUTER LITERACY

The course is intended to help students achieve a degree of computer literacy through exposure to a variety of basic computer concepts including discussions of hardware, software, computer history, programming, computer ethics, and cultural implications. The students will be introduced to word processing (MS Word), spreadsheets (MS Excel), and presentation software (MS PowerPoint). In addition this course is designed to help students develop job-competent skills in word processing, database, spreadsheet, web publishing, and presentation programs.

Prerequisites: None

Open to all grades

Dual enrolled with Shasta College

One-year course

4635

INTRO TO BUSINESS

Intro to Business is the core class for any student choosing a business career pathway, but would be valuable to any student interested in business. The course is designed to provide an overview and basic understanding of business concepts, terminology, basic principles and practices of contemporary business, as well as an appreciation of how business works within the U.S. economic system. Units of study will include: forms of business ownership, entrepreneurship, marketing, career planning, money management (including leadership skills), making consumer decisions, and management. Students will use various computer programs during the course, such as: Microsoft Word, Excel, PowerPoint, Access, and Publisher or Photoshop. Students will also use the Internet to complete various current event and research projects.

Meets UC/CSU "g" requirement.

Prerequisites: Computer Literacy recommended

Open to 11th and 12th grades, 10th grade on approval of instructor

One-year course

EDUCATION, CHILD DEVELOPMENT & FAMILY SERVICES

The Education, Child Development, and Family Services sector is composed of four career pathways: Child Development, Consumer Services, Education, and Family and Human Services. The high staffing needs and growing emphasis on improving education will create exciting career opportunities in those fields. The Child Development Pathway provides students with the skills and knowledge they need to pursue careers in child care and related fields, and the Education Pathway emphasizes the preparation of students to become teachers. The Consumer Services Pathway gives students the employment and management skills needed in careers helping consumers. Students pursuing careers in the Family and Human Services Pathway learn the skills they need for careers related to family and social services. The standards are designed to integrate academic and career technical concepts. The components of the pathways support classroom and laboratory instruction or provide supervised, work-based learning experiences and leadership development.

All Education, Child Development & Family Services courses meet the practical/vocational arts requirement. The skills taught are essential to each individual for successful living. We all face a future of constant change. Technological advances are causing dramatic changes in the way students are prepared for the workplace and for managing their lives and homes. Family and Consumer Science (FACS) programs focus on the development of skills, knowledge, attitudes, and essential competencies that directly affect individual and family life management.

Recommended Pathway:

Intro to FACS Careers
Child Development
Early Childhood Education Careers
Senior FACS

5520 INTRO TO FAMILY & CONSUMER SCIENCE (FACS) CAREERS (PHS only)

This course is designed to help young people develop skills, attitudes, and knowledge to cope with the responsibilities that they will be expected to encounter as family and community members now and in the future. Topics covered include foods and nutrition, child development, clothing and textiles, consumer education, family living, health, housing design, and leadership skills. Hands-on projects, building leadership skills, exploring careers, and learning professional cooking skills are just a few of the exciting opportunities this one-year course offers.

Location: Pioneer High School

Prerequisites: None

Open to 9th, 10th and 11th grades

One-year course

5540 CHILD DEVELOPMENT

Working with children is one of the most important, challenging, exciting, and rewarding professions in life, and the need for skilled early childhood educators has never been greater. This course covers pregnancy through early elementary-age children. Curriculum covers the intellectual, physical, social, and emotional development of children. It is possible to earn up to two (2) units of college credit by taking this course. This course can lead directly into the Education Careers program.

Location: Pioneer High School

Prerequisites: None

Open to all grades

One-year course

5550 SENIOR FACS (PHS only)

Senior FACS is designed for Seniors only and will prepare students for life after high school. Whether going to college or directly into the job market, the ultimate goal is to be living independently and successfully! Subjects covered include communication skills, foods and nutrition, health, relationships, parenting, and living on your own. Students will learn professional cooking techniques. They will learn to cook Oriental, Italian, and Mexican culinary cuisines.

Location: Pioneer High School

Prerequisites: None

Open to 12th grade only

One-year course

- 5542 EARLY CHILDHOOD EDUCATION/CAREERS IN EDUCATION DE (2 hours)**
5548 EARLY CHILDHOOD EDUCATION/CAREERS IN EDUCATION (2 hours)

This course provides entry-level job skill training for aide positions in infant care, day care (both home and center based), schools (grades K-12) and special education. The course offers excellent hands-on training for students desiring to enter the teaching field. Scope of the course covers assisting staff and students in learning activities, health, safety, and psychological needs of children, using and maintaining equipment and facilities, and clerical duties.

Meets UC/CSU "g" requirement.

Location: Enterprise High School

Prerequisites: Interest in working with young people, appropriate attitude and role model for dealing with children, ability to relate to people, and the ability to work in group situations. Students enrolling in this program are expected to have a strong interest in a career in child care and/or education.

Open to 11th and 12th grades

One-year course

- 5600 PARENTING INFANT CARE LAB**
5605 PARENTING CLASS

The Cal-SAFE Infant Care Center provides childcare for children of parents (mothers and fathers) who are enrolled in any district school and working towards a high school diploma. The program is dedicated to meeting the physical, social and emotional needs of young children. Care of the children is individualized as much as possible and activities are designed with the developmental needs of the children in mind.

The Cal-SAFE Parenting Class is designed for teen mothers and fathers. It includes, but is not limited to, units in prenatal care, child development, family planning, parental roles and responsibilities, family relationships, food and nutrition, clothing, health and safety, physical, mental and creative activities for children, self-esteem of both parent and child, consumer education, home budgeting and management, college and/or career planning, and use of community resources as needed.

Location: Shasta Collegiate Academy

Prerequisites: None

Open to Teen Parents

One-year course

ENGINEERING & ARCHITECTURE

The Engineering and Architecture sector is designed to provide a foundation in engineering and design. Students are engaged in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and career preparation. Career pathways in this sector emphasize real-world, occupationally relevant experiences of significant scope and depth. To prepare students for continued training, advanced educational opportunities, and direct entry to a career, the engineering and design programs offer the following components: classroom, laboratory, and hands-on contextual learning; project- and work-based instruction; work experience education; and leadership and interpersonal skills development.

Recommended Pathway:

Exploring Engineering
CP CAD 1
Advanced Manufacturing

Recommended Pathway:

Exploring Engineering
Robotics Engineering Technology
Space Science & Engineering (Robotics)

5030 CP COMPUTER AIDED DRAFTING 1 (CAD)

This course covers advanced CAD principles and practices that are used in industry today. The goal is to develop critical thinking skills via technical prints and drawing. The main tools used for this course are Autodesk Inventor, SolidWorks, Fusion 360, and AutoCAD which students will work towards becoming an industry certified. Students may also get an opportunity for certification in other platforms such as Revit, Maya, and 3Ds MAX. Students will also create three dimensional parts, assemblies, and drawings in which some will be 3D printed, laser engraved, or plasma cut to turn these models into reality. *Meets UC/CSU "g" requirement.*

Prerequisites: None
Open to all grades
One-year course

4687 EXPLORING ENGINEERING: ENGINEERING & THE FABRICATION LABORATORY

In this course, students will gain an understanding of the various fields of engineering and explore the engineering design process, from conceptual design and optimal choice evaluation to project construction and the need for engineering ethics. Students dig deep into the engineering design process, applying math, science, and engineering skills to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

This course emphasizes the development of a design. Students will use computer software to produce, analyze and evaluate models of project solutions. They study the design concepts of form and function, and then use state-of-the-art technology to translate conceptual design into reproducible products. Students are expected to develop portfolios to display their designs and present them properly to peers, instructors, and professionals.

After successful completion of class, students will have the knowledge and skills needed to move on to upper level engineering and robotics courses such as Advanced Manufacturing, Industrial Robotics, Space Science and Engineering, and Computer Aided Design (CAD). *Meets UC/CSU "g" requirement.*

Prerequisites: Math 1
Open to all grades
One-year course

4690 SPACE SCIENCE & ENGINEERING (ROBOTICS) (2 hours)

This CTE course explores the interaction of science and technology and is designed to interest students in the field of robotics and motivate them to pursue advanced education in science and engineering. Students will apply the scientific method and build on physics and mathematics concepts. Students will work in small groups to research, design, program, and construct robotic devices. Students must be concurrently enrolled in **4695 Robotics Engineering Technology**. *Meets UC/CSU "d" requirement.*

Location: Shasta High School
Concurrent: Robotics Engineering Technology
Prerequisites: None
Open to 10th, 11th and 12th grades
One-year course

4695 ROBOTICS ENGINEERING TECHNOLOGY

Students must be concurrently enrolled in **4690 Space Science & Engineering (Robotics)** to receive credit for this section.
Meets UC/CSU "g" requirement.

Location: Shasta High School
Concurrent: Space Science & Engineering
Prerequisites: None
Open to 10th, 11th and 12th grades
One-year course

4696 INDUSTRIAL ROBOTICS

This course focuses on advanced robotic techniques and programming through the use of Programmable Logic Controllers (PLC) curriculum that emphasizes PLC theory and basic programming. Students learn how to program and use PLCs in industrial applications that require electrical control. The PLC courses feature powerful PLC simulation control software that allows students to program a PLC and simulate industrial applications. The combination of graphic simulation software with PLC virtual hardware enables students to test and correct control programs both online and offline. The combination of virtual world software and hands on robotic arm hardware, students will gain first hand skills and knowledge to prepare them for career-ready occupations. Students will also receive additional robotics training to prepare them for the REC Industrial Certified Robotics exam, to receive their certificates in Industrial Robotics.

Meets UC/CSU "d" requirement.

Location: Shasta High School
(EHS & FHS must provide own transportation)
Prerequisites: None
Open to 10th, 11th and 12th grades
One-year course

4697 ADVANCED MANUFACTURING

Students will engage in interdisciplinary learning of Science, Technology, Engineering and Math through a hands-on Project Based Approach. Students will receive introductory level exploratory instruction on topics including proper use of hand tools, machinery tools, print reading, robotics, pneumatics, electrical control, basic concepts of mechanical and electrical engineering, designing and creating models using a CNC machine and Computer-Aided Design (CAD), and real world applications of classroom concepts. Acquiring of knowledge will be demonstrated through a series of projects starting with research and initial design and culminating with the completion of a build project that is geared toward solving real- world problems.

Location: Shasta High School
Prerequisites: Computer Aided Drafting (CAD)
Or Exploring Engineering
Open to 11th and 12th grades
One-year course

4699 ROBOTICS LAB TECH/ADVANCED MANUFACTURING

The designation of "Robotics Lab Tech/Advanced Manufacturing" indicates that a student is capable and certified to operate industrial equipment in the shop or tech lab. Safety in the shop is the number one priority, and having students that have been certified and instructor selected, in use of power tools, industrial equipment (cnc machines, robotic arms, power tools, mobile robotic systems, 3D printing, plasma cutting, etc.) are eligible to apply to be a "Robotics Lab Tech/Advanced Manufacturing."

Prerequisites: Advanced Manufacturing/CAD/Robotics
(Industrial or Space Science/Engineering)
Open to 11th and 12th grades
One-year course

HEALTH SCIENCE & MEDICAL TECHNOLOGY

The standards in the Health Science and Medical Technology sector represent the academic and technical skills and knowledge students need to pursue a full range of career opportunities in this sector, from entry level to management, including technical and professional career specialties. The standards tell what workers need to know and be able to do to contribute to the delivery of safe and effective health care.

This career pathway culminates in a Medical Careers class that offers options in Patient Care Technician or Dental Assistant. The pathway also offers the option to enroll in the Sports Medicine/Athletic Training class.

Recommended Pathway:

CP Medical Biology

Honors Medical Chemistry

Intro to Medical Careers

Medical Careers Clinical

Intro to Medical Careers

Medical Careers Clinical

Sports Medicine/Athletic Training Careers

Dental Careers

5624 INTRO TO MEDICAL CAREERS (1 hour located at EHS, FHS, & SHS)

The Medical Careers class is intended to prepare students for employment and future education in the medical field. It is dual enrolled with the Shasta College Medical Terminology course HEOC 110 and is an A-G approved elective. This class will include classroom training on the body systems, disease processes, communication skills, college and career readiness and exploration via fieldtrips and guest speakers. Students will also spend time in our simulation lab where they will learn the basics of EKG, patient care, phlebotomy as well as First Aid/CPR training and certification. All students enrolled in this course are able to join HOSA Future Health Care Professionals, which is an international leadership organization where students connect with leaders in the medical field, volunteer and compete in medical skills at the state level.

Meets UC/CSU "g" requirement

Prerequisites: None; good attendance/maturity required

5627 MEDICAL CAREERS CLINICAL (2 hours)

Clinical experiences for students will be offered in the community. Students have the opportunity to be placed in acute care settings, private medical offices, pharmacies, podiatry, cardiac care, imaging, hospitals, and community health centers. In-class topics will include disease process and assessment skills. *Non-Shasta High students must provide their own transportation.*

Location: Shasta High School/Community Sites

Prerequisites: Grade of "B" or better in Medical Careers 1 and completion of a competitive application process; good attendance/behavior; teacher recommendation

Open to 12th grade

5620 DENTAL CAREERS (2 hours)

The Dental Careers Program is designed to give students the chance to acquire entry level skills in the field of Dental Assisting and explore career options. Students spend their time in the classroom acquiring basic skills and knowledge of all dental careers. They will also have the option to spend time in community service activities and observe in various dental offices. Those students who meet specific Dental Board of CA requirements will also have the opportunity to obtain their 8-hour Infection Control Certificate. Upon successful completion of the entire course, students will receive a certificate allocating credit towards their State of CA RDA license. This also gives them advantage when applying to enter California Dental Board Approved Registered Dental Assisting Program. Obtaining this certificate is optional.

Location: Shasta High School

Prerequisites: None

Open to 11th and 12th grades

5635 SPORTS MEDICINE/KINESIOLOGY (1 hour w/ Internship/Externship optional 10 unit component)

Kinesiology is the study of human movement and the body's response to exercise. It is an examination of the systems, factors, and principals involved in human development within the context of society. This introductory course is designed to give each student baseline knowledge on how to assess, prevent, recognize, and treat an athletic injury. Each student will complete requirements for first aid, CPR, concussion recognition, as well as other applicable certifications. The class will provide a foundation in the areas of anatomy, physiology and kinesiology for students interested in Sports Medicine and its related professions such as Physical Therapy, Athletic Training, Massage Therapy, Chiropractic, Personal Training and many others. This is a rigorous lab-based course where students will get hands-on training. Students have the option to complete an internship in their area of career interest for additional credits.

Meets UC "g" requirement.

Location: Shasta High School

Prerequisites: CP Biology with grade "C" or higher

Open to 11th and 12th grades

Dual enrollment with Shasta College PTA Program

One-year course with optional Flexible internship/Externship to earn extra units

HOSPITALITY, TOURISM & RECREATION

The Hospitality, Tourism, and Recreation sector provides students with the academic and technical preparation to pursue high-demand and high-skill careers in these related and growing industries. The sector encompasses three distinct, yet interrelated, career pathways: Food Science, Dietetics, and Nutrition; Food Service and Hospitality; and Hospitality, Tourism, and Recreation. The foundation standards include core, comprehensive technical knowledge and skills that prepare students for learning in the pathways. The knowledge and skills are acquired within a sequential, standards-based pathway program that integrates hands-on and project- and work-based instruction as well as internship, community classroom, work experience, apprenticeship, and cooperative career technical education. Standards included in the Hospitality, Tourism, and Recreation sector are designed to prepare students for technical training, postsecondary education, and entry to a career.

Recommended Pathway:

Culinary Arts
Catering, Baking, and Contemporary Cuisine
Chef Prep and Hospitality Careers 1 & 2

5560 FOOD AND NUTRITION

The Food and Nutrition course is an introduction to careers in food service, dietetics, nutrition, culinary nutrition, sports nutrition, and culinary arts. Students will study food science, develop new and exciting food products, and learn professional cooking techniques. Culinary nutrition is a very competitive field with a demand for employees. Students will refine their culinary skills in this class, with emphasis on International Cuisines from around the world.

Location: Shasta Collegiate Academy

Prerequisites: None

Open to 10th - 12th grades

One-year course

5565 CULINARY ARTS

This course is a “hands-on” entry-level culinary course that introduces students to professional cooking. Students will learn “step by step” cooking techniques while gaining knowledge of the Hotel, Restaurant & Food Service industry. Students will earn food safety and sanitation in the workplace certificates. Students will build their food knowledge and organizational skills needed in order to prepare and cook food at home or in a professional kitchen.

Meets UC/CSU “g” requirement.

Prerequisites: None

Open to 10th - 12th grades

One-year course

5577 CATERING, BAKING AND CONTEMPORARY CUISINE

The first semester will be advanced banking and cake decorating with emphasis on culinary arts preparation skills including techniques that are used in the professional production of pastries, breads, cakes and decorative arts. Students work with recipes in standard and metric measurements as well as formula production. A ServSafe Food Protection Certification will be earned along with valuable employability skills. The second semester will be contemporary and international cuisine. Students will plan, organize and prepare menu items typically served in an upscale dining establishment specializing in European, Asian and American regional cuisine with an emphasis on contemporary menu trends, cross cultural influences, flavor combinations and plate presentation.

Pending approval for UC/CSU “g” requirement.

Prerequisite: Culinary Arts or equivalent

Open to 11th and 12th grades

One-year course

5575 CHEF PREP AND HOSPITALITY CAREERS 1 (2 hours)

This course provides entry-level training in Culinary Arts and the Hospitality Industry. Employment possibilities include cook, food preparation worker, baker and other skilled entry-level positions in the hospitality industry. Classroom instruction provides a sound theoretical foundation for hands-on lab activities that emphasize modern cooking techniques and align with industry standards. Students will develop basic skills and apply the principles of food safety and sanitation, workplace safety, food preparation, mise en place, nutrition, and menu planning. Students will learn and apply the principles of the hospitality industry. A ServSafe Food Protection Certification will be earned. All students will have a chance to be selected to be part of the Traveling Culinary Competition Team

Students who complete 35 of 45 competencies, pass final exam and class with 70% or better will receive Pro Start Certification through the California Restaurant Association.

Meets UC/CSU "g" requirement.

Location: Enterprise High School

Prerequisite: None

Open to 11th and 12th grades

One-year course

5576 CHEF PREP AND HOSPITALITY CAREERS 2 (2 hours)

This course will provide second "step" entry-level skills in the area of food services. Students receive continued training in kitchen safety and sanitation with the expectation of passing ServSafe Management Certification Exam, equipment use, care and cleaning, technical skills in receiving, pantry, baking, short order, prepping, hot line, catering, cashiering, hosting, waiting, and bussing. Students also demonstrate knowledge of the food service and hospitality industry and skills needed for entrepreneurship, including budgeting, marketing strategies and industry awareness. Students will participate in the planning, preparation and serving of meals in a student-run enterprise that serves at a variety of contracted events. Job-seeking skills, including portfolio development, are required. Students are placed into community classroom environments with individual mentor contracts. Emphasis is on business practices, food and labor cost, history of hospitality, global impact, cultural influences, and nutrition. All students will be encouraged to investigate postsecondary institutions, scholarships available and transitions to a successful career. All students will have a chance to be selected to be part of the Traveling Culinary Competition Team

Students who complete 35 of 45 competencies, pass final exam and class with 70% or better will receive Pro Start Certification through the California Restaurant Association and have an opportunity to take the National ProStart Chef's Exam.

Location: Enterprise High School

Prerequisite: Culinary Arts 1, Culinary Arts 2 or Chef Prep 1

Open to 11th and 12th grades

One-year course

One-year course

INFORMATION & COMMUNICATION TECHNOLOGIES

Technology and the growing complexity of businesses have expanded the need for employees who can analyze, design, and manage information. Skills for evaluating data, the ability to work with people, and clear communication are companion components for careers in information technology systems. Employment opportunities for technically and professionally trained persons are outstanding in this emerging career path. After mastering basic technology skills, students can select one of many specializations in the field of technology.

Recommended Pathway:

Computer Literacy

PC Graphics & Design

Computer Science Principles

4525 COMPUTER APPLICATIONS

This entry-level college course is designed to familiarize students with the Internet, Microsoft Windows, Word, Excel, and PowerPoint. Through multimedia lecture/demonstration and discussion, this hands-on course provides students with the concepts and principles necessary to efficiently navigate the Internet as well as operate Microsoft Windows and the Office Suite. Students will understand the hardware and software used to access the Internet and email, and effectively utilize search engines.

Prerequisites: None
Open to all grades
One-year course

4546 COMPUTER SCIENCE PRINCIPLES

Computer Science Principles is a yearlong course specifically designed for students with no prior programming experience. This course will touch upon a variety of topics within the field of Computer Science. We will begin with an overview of the course topics as well as a brief history of software development, including the development of applications for mobile devices. We will cover basic object-oriented programming, terminology and concepts such as objects, classes, and inheritance. The goal of Computer Science Principles is to develop in students the analytical and problem solving skills needed in today's workforce and to direct students on a career path to help them become qualified to meet the ever increasing labor market in technology. *Meets UC/CSU "g" requirement.*

Prerequisites: Math 1
Recommended Prerequisite: Computer Literacy Recommended
Open to 11th and 12th grades; 10th grade with instructor approval
Dual enrollment with Shasta College
One-year course

4547 AP COMPUTER SCIENCE PRINCIPLES

AP Computer Science Principles is a yearlong course specifically designed for students with prior programming experience. This course will touch upon a variety of topics within the field of Computer Science.

Computer science involves problem-solving, hardware, and algorithms that help people utilize computers and incorporate multiple perspectives to address real-world problems in contemporary life. As the application of computer science is integrated into more aspects of our lives, it is important to understand the impact of computer science and how to maintain privacy, safety, and security not only when using computers but also while being the innovators of new computer applications. This course will prepare students to take and pass the AP Computer Science Principles exam.
Pending UC/CSU "g" approval.

Recommended Prerequisite: Computer Literacy Recommended
Open to all grades
One-year course

4640

COMPUTER LITERACY

This course is designed to help students develop job-competent skills in word processing, database, spreadsheet, web publishing, and presentation programs. The course is intended to help students achieve a degree of computer literacy through exposure to a variety of basic computer concepts including discussions of hardware, software, computer history, programming, computer ethics, and cultural implications. The students will be introduced to word processing (MS Word), spreadsheets (MS Excel), and presentation software (MS PowerPoint).

Open to all grades

Dual enrolled with Shasta College

One-year course

4654

PC GRAPHICS & DESIGN

This project-oriented course will teach students how to use high level graphic arts software. Programs will include Adobe InDesign, Photoshop and Illustrator. Typical products designed by students include: advertising flyers, tickets for school events, original photo creation/manipulations, and original clipart designs. A series of previously published work will be re-created by students as well as new student designs in an effort to teach the use of the tools in each software program. In addition to desktop publishing, students also learn equipment, terminology, communication, and leadership skills, and develop proficiency in word processing and presentation software. Job-seeking skills will also be covered as they relate to the occupational area. *Meets UC and CSU "g" requirement.*

Suggested Prerequisites: Computer Literacy Open to all grades

Dual Enrolled with Shasta College

One-year course

PUBLIC SERVICES

The Public Services sector provides a foundation for secondary students in government, public administration, public safety, and legal services. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in the industry. The sector encompasses a variety of pathways: Public Safety; Emergency Response; and Legal Practices. These pathways emphasize processes, systems, and services related to serving the public's interest. The knowledge and skills are acquired within a sequential, standards-based pathway program that integrates classroom, laboratory, and project- and work-based instruction as well as internship, community classroom, work experience, and cooperative career technical education. Standards included in the Public Services sector are designed to prepare students for technical training, postsecondary education, and entry to a career.

Recommended Pathway:

Emergency Response

Fire Technology Careers 1 & 2

Public Safety

Administration of Justice (AOJ) Careers 1 & 2

5640 ADMINISTRATION OF JUSTICE (AOJ) CAREERS 1 (2 hours)

This course is designed to give interested students the basic skills and knowledge to begin the complex process of becoming a modern law enforcement officer. Crime causes and cures, as well as the history of law enforcement, are explored. The course progresses to include complete information about modern law enforcement agencies at local, state and federal levels, as well as current information on our court systems. Included is the teaching of certain hands-on skills used by officers: search and arrest techniques, handcuffing, and hand-to-hand combat. It is suggested that all students interested in employment participate in the additional 180-hour community classroom portion of the training program.

Location: Enterprise High School

Prerequisites: The ability to read, write, and understand English are required for this class and for future employment in the law enforcement field

**Open to 11th and 12th grades
One-year course**

5645 ADMINISTRATION OF JUSTICE (AOJ) CAREERS 2 (1-2 hours)

This course is designed to give students advanced training in an internship with a local law enforcement agency in their chosen career field. Students must complete AOJ 1 with good attendance and grades in the Administration of Justice Careers 1 program.

Location: Enterprise High School

Prerequisites: Completion of first year AOJ and teacher recommendation

**Open to 12th grade
One-year course**

5650 FIRE TECHNOLOGY CAREERS 1 (2 hours)

Fire Technology 1 is the first of two courses offered by the Shasta Union Fire Academy. This class is open to juniors from all Shasta Union High School District sites. This is an academically challenging course emphasizes career specific technical content while strengthening fundamental life skills based upon principles of the fire service. The objective is to equip the student for a successful transition into college or career. The curriculum is based on California State Fire Training's Firefighter 1 standards with demonstration of skills in the lab component. Topics include: introduction to fire technology, basic structural fire company operations, basic wildland firefighting practices, firefighter safety and survival, and emergency medical services. Upon completion of the course the student will have the opportunity to complete several certifications which are required for placement into Fire Technology 2.

Location: Foothill High School

Prerequisites: None

Open to 11th and 12th grades

**Articulated with Shasta College and College of the Siskiyou
1st year of two-year course**

5655 FIRE TECHNOLOGY CAREERS 2 (2 hours)

Fire Technology 2 strengthens the knowledge base obtained in Fire Technology 1. Prerequisites for Fire Technology 2 is completion of Fire Technology 1, successful completion of all certifications obtained in Fire Technology 1, and a level of physical fitness necessary to complete arduous tasks. This course is considered academically challenging with a strong emphasis on career readiness. The course emphasizes development in the fire service principles and practices including soft skills such as interpersonal communication, personal conduct, professional workplace standards, and career development such as resume preparation, interview techniques, and career sustainability. Hard skills include First Aid for Public Safety Personnel, expanded wildland skills, and certifications in multiple industry specific courses. If a student completes all certifications offered in both Fire 1 and Fire 2, they are eligible for entry level positions with State and Federal agencies.

Location: Foothill High School
Prerequisites: Fire Technology Careers 1 & Completion of all professional certifications obtained in Fire Technology Careers 1
Open to 12th grade
Articulated with Shasta College and College of the Siskiyou
2nd year of two-year course

5660 EMERGENCY MEDICAL TECHNICIAN

Emergency Medical Technician is a year-long academically challenging course that is designed to prepare students for entry level positions into the healthcare industry. The course provides students with a comprehensive understanding of anatomy, physiology, and pathophysiology of the human body. These concepts are solidifying the foundational knowledge for specific medical emergencies. The course also gives a genuine context for the application of the knowledge used to help patients in the field. The course begins with the basic knowledge of anatomy and physiology, first aid, CPR/AED, and safe practices and ends with a thorough understanding of pre-hospital care and delivers a thorough understanding of the proper use of medical equipment necessary to provide appropriate care.

Location: Foothill High School
Prerequisites: Successful completion of Fire Technology 1 or Introduction to Medical Careers
Open to 12th grade
Articulated with Shasta College and College of the Siskiyou
One-year course

OTHER PROGRAMS

OUTSIDE WORK EXPERIENCE

8000 OUTSIDE WORK EXPERIENCE
8005 OUTSIDE WORK EXPERIENCE 2

Outside Work Experience is a course designed for students who are employed. A supervising teacher works with students and their employers to help students to be successful in the workplace. To qualify, a student must be at least 16 years old, a junior or senior, maintain a 2.0 grade point average, have good attendance, demonstrate appropriate behavior, and be employed at a work site where at least minimum wage is paid and worker's compensation is carried by the employer. An average of 10 to 20 hours of work per week is also required; a maximum of 32 hours is allowed if enrolled in this course. A **weekly** work experience class is held at Enterprise, Foothill and Shasta High School; attendance at these class meetings is **mandatory** for successful completion of the course. **Students must be enrolled in a minimum of four district classes to be in this program.**

Prerequisites: Employed, 16 years old, 2.0 GPA, good attendance, and concurrent enrollment in at least four district classes
Open to 11th and 12th grades
One-year course

COLLEGE CONNECTION

Students in Shasta, Tehama and Trinity counties earn high school and college units in this concurrent enrollment program. Students typically take American Government/Economics, CP English IV, Study Skills and up to four college courses. Students finish their senior year with between four and eight college courses completed. Some college costs are the responsibility of the student but tuition is free.

Prerequisites: Students must apply and be accepted into the program
Open to 12th grade
One-year program

GATEWAY TO COLLEGE

Alternative education opportunity for high school students who are behind in credits. Students complete their high school diploma by attending classes offered on the Shasta College campus. Dual enrollment allow students to make progress toward an AA or certificate as well.

Prerequisites: Students must apply and be accepted into the program
Open to 12th grade
One-year program

ACCESS CREDIT RECOVERY LABS

8049 ACCESS CR

This lab utilizes Edgenuity (an online computer based platform) and is designed for students to make up classes they have failed in the past. Students meet 5 days a week and can make up multiple classes depending on their pace and commitment of work. School credits earned in the class are based on work completed in Edgenuity, not for being in the class.

Prerequisites: None
Open to 10, 11 & 12 grades

ACCESS SUCCESS STUDY SKILLS LABS

8046 ACCESS S

The purpose of this lab is to provide instructional support for students who are struggling in their academic classes. This course is a regular course where the students meet 5 days a week with a certificated staff to provide an organized academic setting and to provide academic guidance. This course is grade level specific and available to 9, 10 & 11/12 grade students. Completion of Access S labs will earn elective credit.

Prerequisites: None
Open to all grades

APPENDIX

Shasta Union High School District Four-Year Planning Checklist

Name: _____ Date: _____ Graduation year: _____

Post-Graduation Plans				Graduation Requirements – 230 Credits	
H.S. Diploma		CSU		English – 40 credits	VAPA – 10 credits
Vocational School		UC		Social Science – 40 credits	Career/Technical Ed – 10 credits
Community College		Private			
Other:				Math – 30 credits	P.E. – 20 credits
Degree/Career:				Science – 30 credits	Electives – 60 credits

Four-Year Program Plan					
9 th	circle choice or write in course selection	10 th	circle choice or write in course selection		
1. English I:	<i>Regular CP Honors</i>	1. English II:	<i>Regular CP Honors</i>		
2. Pers Growth/Social Sci:	<i>Regular CP Honors</i>	2. Modern World History:	<i>Regular CP AP</i>		
3. Math:		3. Math:			
4. P.E.:		4. P.E.:			
5. Science:		5. Science:			
6. Elective:		6. Elective:			
Alternate:		Alternate:			

11 th	circle choice or write in course selection	12 th	circle choice or write in course selection		
1. English III:	<i>Regular CP AP</i>	1. English IV:	<i>Regular CP AP</i>		
2. U.S. History:	<i>Regular CP AP</i>	2. Government/Econ:	<i>Regular CP AP</i>		
3. Math:		3. Math:			
4. Science:		4. Science/Elective:			
5. Elective:		5. Elective:			
6. Elective:		6. Elective:			
Alternate:		Alternate:			

Testing: (10th) PLAN [] (11th Fall) PSAT [] (11th Spring) ACT [] SAT [] SAT Subject Tests []

Proficiencies		
	Completed	Planned
Algebra I		
CAASPP – Math		11 th
CAASPP – ELA		11 th

Other Considerations/Choices	Interest	Action
Sports		
Clubs, Organizations		
School Leadership/Government		
Other:		
Other:		

☞ See reverse for college planning resources

How to Select Your Courses

Create a Solid Academic Portfolio

Your course schedule may seem like a random selection of classes to you, but college admissions officers see it as the blueprint of your high school education. They're looking for a solid foundation of learning that you can build on in college. Take at least five solid academic classes every semester. The following subjects and classes are standard fare for success in high school and beyond, whether you plan to attend a four-year, two-year, or technical school.

English (Language Arts)

Take English every year. Traditional courses, such as American and English literature, help you improve your writing skills, reading comprehension, and vocabulary. Courses should include literature, writing/composition, and speech.

Math

You need algebra and geometry to succeed on college entrance exams, in college math classes, and in most careers. Take them early on and you'll be able to enroll in advanced science and math in high school—and you'll show colleges you're ready for higher-level work. Recommended courses: algebra, geometry, algebra II, trigonometry and/or calculus.

Science

Science teaches you to think analytically and apply theories to reality. Laboratory classes let you test what you've learned through hands-on work. Six semesters are recommended: two semesters in biology, two semesters in chemistry and/or physics, two semesters in earth/space sciences, or advanced biology, advanced chemistry or advanced physics.

Social Studies

Understand local and world events that are happening now by studying the culture and history that has shaped them. Social sciences round out your core curriculum. Two semesters in U.S. history, one semester of U.S. government, one semester in economics, one semester in world history or geography, one additional semester in the above, or other areas.

Foreign Languages

Solid foreign language study shows colleges you're willing to stretch beyond the basics. Many colleges require at least two years of foreign language study, and some prefer more.

The Arts

Research indicates that students who participate in the arts often do better in school and on standardized tests. The arts help you recognize patterns, discern differences and similarities, and exercise your mind in unique ways, oftentimes outside of a traditional classroom setting.

Computer Science

More and more college courses and jobs require at least a basic knowledge of computers. Computer skills also can help you do research and schoolwork better and faster.

Advanced Placement Program® (AP®)

Try out college-level work, master valuable skills, and, with satisfactory grades, maybe even receive college credit. More than 1,400 higher education institutions award credit based on satisfactory AP Exam grades.

adapted from collegeboard.com

For More Help

Be sure to meet with your counselor or advisor, who can help you with your personal needs. Use college search features on the internet to look up a specific college's academic requirements.

In the SUHSD Course Catalog, refer to page xiv for a list of college planning internet resources, and the last page of the appendix for a list of career planning internet resources.

Career Planning Internet Resources

www.cacareerzone.org/flash/assessments.html
www.californiarealitycheck.com/
www.adventuresineducation.org/HighSchool/
www.universityofcalifornia.org
www.myfuture.com
www.careers.org
www.acinet.org
www.labormarketinfo.edd.ca.gov/
www.stats.bls.gov/bls/occupation.htm
www.online.onetcenter.org/
www.studentjobs.gov
www.coolworks.com
www.idealist.org
www.schoolguides.org/forhighschoolstudents.html

California Career Zone – research career paths
California Reality Check – career planning
Planning for college and careers
U.C. career counseling link
Career planning advice
Links to career resources and jobs
Salary info, fastest growing occupations list
Employment Dev Dept - labor market information
U.S. Bureau of Labor Statistics
Occupational Info Network – career exploration
Jobs in government
Jobs in national parks, resorts, tour companies, etc.
Jobs & internships – non-profit organizations
Career & college info – “Life After High School”

Glossary

ACT	American College Testing
AP	Advanced Placement (exam taken for college credit)
ASVAB	Armed Services Vocational Aptitude Battery
CAASPP	California Assessment of Student Performance and Progress
CP	College Preparatory
CSU	California State University
CHSPE	California High School Proficiency Examination
ELL	English Language Learner
FEP	Fluent English Proficient
Hon	Honors
OWE	Outside Work Experience
PLAN	Pre ACT Test
PSAT	Pre SAT Test
RSP	Resource Specialist Program
SAT	Scholastic Assessment Test
SDC	Special Day Class
UC	University of California