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2017-18 COURSE CATALOG

- ENTERPRISE HIGH SCHOOL
- Foothill High School
- SHASTA HIGH SCHOOL
- PIONEER HIGH SCHOOL
- NORTH STATE INDEPENDENCE HIGH SCHOOL
 - PLUS SCHOOLS
- FREEDOM COMMUNITY DAY SCHOOL

Revised 01/13/2017



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January 2017

To Parents:

As we continue to offer relevant and rigorous curriculum in the State Standards era, it is exciting to see a renewed focus on public education. 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 what I believe is the finest school district in Northern California. We look forward to working with you in the 2017-18 school year. I know that the teachers and staff of the Shasta Union High School District will continue to do an amazing job with our students.

To Students:

You are being asked to make some important decisions regarding your academic program through course selections for the 2017-18 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. Make use of the Four-Year Planning Checklist in the Appendix at the end of the catalog.

Read the course descriptions carefully. When a prerequisite is listed, check to be sure you have completed it. The completion of these prerequisites is essential to your success in these courses. There are significant additions in the areas of Career Technical Education (CTE) courses that are now available to you. Please note that not all CTE courses are available on all campuses. If you have any questions regarding these opportunities, please schedule a time to see your counselor.

Make sure that you know your credit status and the courses for which you have credit. 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.

You are ultimately responsible for your schedule as well as fulfilling the Shasta Union High School District graduation requirements.

Elective 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 2017-18 school year.

Sincerely,

Milan Woollard, 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:	2 years lab (20 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 Career Choices <u>and</u> Freshman P.E.
Computer Proficiency:	Pass competency test or pass a class that meets the Computer Proficiency requirement.

ELECTIVES: 60 credits

TOTAL CREDITS REQUIRED: 230 credits

ATTENDANCE: Six periods per day through senior year

Reading & Writing Proficiency

Forty units 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, grammar, vocabulary and spelling. Students must earn passing grades in the required English 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 Math 1, Math 2, Math 2B, Math 3, Trig/Pre-Calculus, Calculus or Statistics. **Beginning with the class of 2018, students who have not passed Math 3 must take and pass a fourth year of mathematics.*

Computer Proficiency

With increasing and ever-changing technology, it is imperative that all students are familiar with different means of accessing information. Rather than adding more classes, it is hoped that the infusion of technology across the curriculum will enable all students, by their junior year, to demonstrate competency. Students must take two semesters of an approved Business or Technology course or pass the district's Computer Proficiency test as a requirement for graduation. Passing the computer proficiency test does not waive the 10-unit Practical Arts graduation requirement. The following courses meet the district's computer proficiency requirement:

Courses that meet district computer proficiency requirement

<ul style="list-style-type: none">◆ Accounting◆ AP Computer Science A◆ Computer Aided Drafting◆ Computer Applications◆ Computer Literacy◆ Digital Computing & Photography◆ Digital Multimedia◆ Entrepreneurship & Small Business	<ul style="list-style-type: none">◆ Intro to Business◆ Intro to Computer Programming◆ Intro to Internet & HTML (meets 1 semester of requirement)◆ Multimedia Design & Production◆ PC Graphics & Design◆ Publishing on the Web◆ Space Science & Engineering (Robotics)◆ Web Design using Dreamweaver (meets 1 semester)
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Six Period Attendance

All students are required to maintain a six-period day. Administration may waive one or two periods of this requirement if the student will meet graduation requirements on a reduced day, has citizenship and attendance that meet administrative approval, and does two of the following:

- ◆ Completes a college course on a college campus
- ◆ Scores “Advanced” or “Proficient” on English and Math Content Standards tests
- ◆ Has at least a 2.5 cumulative grade point average

Physical Education

- ◆ Freshman P.E. is required of all students for graduation - no waivers and no exceptions.
- ◆ Extracurricular sports cannot be used for credit during the freshman year. For the second year requirement, beginning in the 10th grade, the Principal may allow up to 10 units of credit for P.E. Students who participate in two extra-curricular sports during one semester can earn 5 credits. Students in three sports in one year can earn 10 credits.
- ◆ Students cannot get initial credit for P.E. during Summer School.
- ◆ Any 9th grade student not passing 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.

Health and Parent Permission

Career Choices is a required course for all ninth graders to meet the State Health Requirements. The District uses Positive Parent Permission and will provide access to detailed class content outlines prior to instruction concerning sexual health and HIV/AIDS. 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)

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:

1240	Journalism A(Newspaper)	7010	Band II	7070	Madrigal Choir
1250	Journalism B (Yearbook)	7020	Jazz Ensemble	7080	Pop/Jazz Choir
2505	PE Course 2	7030	Orchestra	7085	Vocal Jazz
2565	Athletic Weight Training & Fitness	7040	Orchestra Ensemble	6040	AP Studio Art
8040;8042;8044	9E; 10E;11/12E Access	7050	Mixed Choir	4660	Publishing on the Web
8041;8043;8045	9M; 10M; 11/12M Access	7055	Choraliers	8020	Student Government
		7060	A Capella	8000	Outside Work Experience
				8650	Study Skills

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 will receive no credit and an “F” grade.

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.

Students are not required to attend sex education or family life classes. Parents can request that their son/daughter not attend specific class sections. Parents are welcome to review instructional materials at the District Office. (Ed. Code, Sections 51937, 51938 and 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)

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. Three years of Social Studies (in addition to district health requirements)
4. Two 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

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 problems and concerns

Students may arrange to see their counselor at any time. If the counselor is not immediately available, the student should sign in at the Counseling Center to ensure a specific appointment time on the following day. 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. The Career Center Technician helps students explore opportunities such as job shadowing, Whiskeytown Environmental School, Career Day, and other community programs.

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. Current students can request transcripts through Naviance.

SCHOLARSHIPS AND FINANCIAL AID

Information on college scholarships and financial aid programs is available in the Career Center and Counseling Office. All Shasta Union High School District students have a Naviance account. Each comprehensive site has scholarships listed on Naviance. 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 will become 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 will 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.

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 through Naviance. Accuracy of the transcript is the responsibility of the student as well as requesting official transcripts from outside institutions.

EXAMINATION SCHEDULES

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

Reading and Math placement tests will be given to all incoming 9th grade students.

SAT or ACT must be taken by all students who plan to attend a 4-year college. It is recommended that students take SAT or ACT if they plan to attend a community college. This test should be taken in the second semester of the Junior year.

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.collegeboard.com/student/testing/psat/about.html

SCHOLASTIC ASSESSMENT TESTS (SAT and SAT Subject Tests)

For information regarding test dates, locations and registration see the counseling office at your school.

Registration Deadlines: Approximately one month prior for all tests.
Cost: see website (SAT; SAT Subject tests)
Location: Enterprise High School & Central Valley High School
Website: <http://sat.collegeboard.org/register/sat-fees>

AMERICAN COLLEGE TESTING (ACT)

For information regarding test dates and registration see the counseling office at your school.

Cost: (see website)
Location: Central Valley High School or Liberty Christian 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 and Career Centers.

Test Dates: May
Cost: see website (\$93) (*fees may be waived for qualifying students*)
Location: To Be Announced
Website: www.collegeboard.com/student/testing/ap/about.html

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.

Counselors explain test scores to students. From that point, teachers work with students and their test results to help them research various careers.

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

Approximate Test Dates: December and January
Cost: Free
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. Dual 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.**

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.

REQUIRED TESTS

Shasta College requires placement tests for all students who desire to take an English class or a Math class, or a class that requires proficiency in English or Math. They also suggest that transfer students take the SAT or ACT. Some special programs and other community colleges may require additional testing.

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 without submitting test scores. However, they are encouraged to take SAT1 or ACT since test scores may be included among the supplementary criteria used to determine admission to impacted campuses and programs.

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 posted on the following website:**
(https://secure.csumentor.edu/planning/high_school/cal_residents.asp)

REQUIRED TESTS

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 not require the writing section at this time. 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.

Early Assessment Program — The Early Assessment Program (EAP) tests are augmented California Standard Tests (CSTs) in 11th grade English and mathematics; these tests are part of California’s public school testing and accountability system and are required of all students. After 11th graders take the test, they will receive a report indicating whether they have either met the CSU expectations (and are thus exempt from any additional CSU placement tests) or whether they need additional preparation in order to be successful in college-level work. Those who need extra work will have their entire senior year to prepare further.

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.csumentor.edu.

APPLICATION FEES

Students may apply to as many campuses of the California State University system as they wish. A fee of \$55.00 must be included with each application. Waivers are available for qualifying students who used a waiver for SAT or ACT.

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) or 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
 - English
 - Visual & Performing Arts (*Some SUHSD courses do not meet this requirement*)
 - Language other than English
 - History/Social Science
 - Laboratory Science

Additional UC-approved electives available include:

- | | |
|---|-----------------------------------|
| Ag Physical/Earth Science | Robotics Engineering Technology |
| Physical/Earth Science or CP Phys/Earth Science | AP Psychology |
| Economics or AP Economics | AP Computer Science A |
| Introduction to Business | Introduction to Marketing |
| Principles of Business Entrepreneurship | Sports Medicine Athletic Training |
| Computer Aided Drafting | Engineering Technology |
| PC Graphics and Design | Exploring Engineering |

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

REQUIRED TESTS

Freshman applicants for the Fall term must submit scores on the ACT with Writing or the SAT. The SAT Subject Tests are not required for admission. However, students may submit scores to showcase academic mastery. Competitive majors on some campuses may recommend particular SAT Subject Tests to demonstrate subject proficiency. The tests should be taken during the Spring of the 11th grade or the Fall of the 12th grade. The first repetition of a test will be accepted, but the verbal and mathematics scores on the SAT must be from the same setting.

See your counselor for information or visit the UC website: www.universityofcalifornia.edu/admissions

Registration materials for these tests are available in the Counseling Center.

APPLICATION FEES

Students may apply to as many campuses of the University of California system as they wish. The application fee is currently \$70.00 for each UC campus. Fee waivers are available for qualifying students.

CSU-UC Comparison of Minimum Freshman Admission Requirements

	California State University (CSU)	University of California (UC)
SUBJECT REQUIREMENTS		
	15 yearlong college preparatory courses (equivalent to 30 semesters) are required with grade of C or better:	
		11 UC-required college-preparatory courses must be completed prior to senior year (including summer courses)
	2 years 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...	
"a" History/Social Science	1 year of history/social science from either the "a" or "g" subject area	1 year of world history, cultures, and geography (including European History) from the "a" subject area
"b" English	4 years of college preparatory English composition/literature (including no more than 1 year of Advanced ESL/ELD):	The ESL/ELD cannot be completed during the senior year
"c" Mathematics	3 years of mathematics (algebra I and II, geometry); 4 years recommended* (Integrated math sequences may be used to satisfy the "c" Mathematics requirement.)	Students applying to UC must complete a geometry course (or a series of integrated math courses with geometry content).
"d" Laboratory Science	At least 1 year of physical science and 1 year of biological science, one from the "d" subject area and the other from the "d" or "g" area**	Must include at least two of the three foundational subjects of biology, chemistry, and physics; both courses must be from the "d" subject area; 3 years recommended. Only one interdisciplinary science course can be used to meet this requirement.
"e" Language Other Than English	2 years (or equivalent to the 2 nd level high school course) of language other than English (must be the same language. American Sign Language accepted)*	3 years recommended
"f" Visual and Performing Arts	1 year (or two one-semester courses in the same discipline) required, chosen from the following disciplines: Dance, Interdisciplinary Arts, Music, Theater, or Visual arts (e.g., painting, web/graphic design, film/video, inter/multimedia arts).	
"g" College Preparatory Elective	1 year of an elective chosen from any area on approved "a-g" course list	
REPEATED COURSES		
	Required "a-g" courses must be completed with a grade of C or better. Any course may be repeated. There is no limitation on the number of times a course can be repeated.	Required "a-g" Courses must be completed with a grade of C or better. Courses in which grades of D/F are earned may be repeated. There is no limitation on the number of times a course can be repeated. The first instance of grade C or better will be used in the GPA calculation.

* Coursework completed in 7th or 8th grade can be used to satisfy "c" and "e" requirements.

** It is best to prepare for both UC and the CSU by completing two laboratory courses from the "d" subject area.
 Note: Numerous Career Technical courses are approved for fulfillment of "a-g" requirements.

CSU-UC Comparison of Minimum Freshman Admission Requirements

Validation of Subject Omission by Other Courses	California State University (CSU)	University of California (UC)
Mathematics	<p>A grade of C or better in the first semester of Algebra II validates both semesters of Algebra I.</p> <p>A grade of C or better in Trigonometry or Pre-calculus validates the entire high school college preparatory requirement. Integrated style Math 2 will be accepted in lieu of a geometry course. (See exception for UC below).</p>	<p>The omission of a geometry course (or a series of integrated math courses containing geometry content) cannot be validated by any higher-level coursework. However, the omission of the 1st semester of geometry can be validated by successful completion of the 2nd semester. Refer to UC's Validation Matrix in the Quick Reference for Counselors guide.</p>
Language Other than English (LOTE)	<p>A grade of C or better in a second 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 a high school LOTE course. The level of validation depends on the college course prerequisite and description. For courses offered at a California Community College refer to the college's "a-g" course list on the "a-g" website and review the "Category" column.</p>	<p>A higher-level LOTE course can validate the appropriate number of years based on the level. The level of validation depends on the college course prerequisite and description. For courses offered at a California Community College refer to the college's "a-g" course list on the "a-g" website and review the "Category" column.</p>
Chemistry	<p>A grade of C or better in the second semester of Chemistry <u>will</u> validate the first semester.</p>	<p>UC does not allow the 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. CSU also allows the validation of the D/F grades in Chemistry.</p> <p>For UC, refer to the Validation Matrix in the Quick Reference for Counselors guide.</p>	
VALIDATION OF SUBJECT REQUIREMENTS BY TEST SCORES		
	<p>Required "a-g" courses may be satisfied with appropriate test scores on SAT Subject Tests, Advanced Placement exams, and designated International Baccalaureate exams. A list of acceptable tests and scores is available on UC and CSU websites.</p> <p>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.</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 grade of C, B, or A. 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 from four year-long courses (8 semesters) awarded for UC-approved high school created honors, AP, or IB courses and transferable college courses. No more than two year-long courses (4 semesters) completed in 10th grade can be used in the honors points calculation.</p>	
TEST SCORES – ACT/SAT		
ACT or SAT Reasoning	<p>Test required for CSU applicants to impacted campuses and programs.</p> <p>Test required for CSU applicants to non-impacted campuses, who have earned an "a-g" GPA of less than 3.0.</p> <p>The CSU combines the highest SAT score from like tests (taken before March 2016 OR after March 2016); may combine best subscores from multiple ACT tests to calculate a best composite. It is highly recommended that students take the ACT/SAT assessment test in their junior year.</p>	<p>The ACT Plus Writing or the SAT is required for all UC applicants.</p> <p>UC uses the highest composite score from the ACT Plus Writing or highest total score from the SAT from the same test date. Some campuses may recommend SAT Subject Tests for specific majors.</p>

Information is accurate as of October 2016

INDEPENDENT COLLEGES AND UNIVERSITIES

Over sixty Independent Colleges and Universities are available to high school graduates within the State of California. There are thousands of two- and four-year colleges 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 Naviance. 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 high school counselor for information

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.suhsd.net and the Appendix for career planning resources.

College Admission Tests	
ACT	www.act.org
SAT	www.collegeboard.com
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.csumentor.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
Naviance	www.naviance.org

These sites are jumping off points for hundreds of other sources of information.

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.

ACADEMIC COURSES

ENGLISH

Forty units 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, grammar, vocabulary and spelling. 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, II – COMMON CORE ENGLISH LANGUAGE ARTS

1010	ENGLISH I
1020	CP ENGLISH I
1030	HONORS ENGLISH I
1070	ENGLISH II
1080	CP ENGLISH II
1110	ENGLISH III (<i>Does not meet UC/CSU requirements</i>)
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 and CSU requirements 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 and CSU requirements.

Prerequisites: Honors English I or CP 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 and CSU requirements except as noted.

Prerequisites: None
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 and CSU requirements except as noted.

Prerequisites: None
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 and CSU requirements except as noted.*

Prerequisites: None
Open to 12th grade
One-year courses

ENGLISH ELECTIVES NOT MEETING ENGLISH GRADUATION REQUIREMENTS

JOURNALISM A

1240 JOURNALISM A (Newspaper)

This is an advanced course in journalism. Students taking the course publish the school newspaper. The course involves selling advertising, photography, copywriting and layout; it may require time after school. A high degree of responsibility and commitment is required of staff members. This course fulfills the Practical/Vocational Arts graduation requirement. Students may repeat this course for elective credit.

Prerequisites: CP or AP English with a grade of "B" or better,
or consent of the instructor
Open to 10th, 11th and 12th grades
and 9th grade with consent of the instructor
One-year course

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.

**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
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
Open to 10th grades**

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
Open to 11th and 12th grades**

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 French and 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 and 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 and 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 and CSU “e” requirement.

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

FRENCH

4000 FRENCH I

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

Meets UC and CSU "e" requirement.

Prerequisites: None
Open to all grades
One-year course

4010 FRENCH II

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

Meets UC and CSU "e" requirement.

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

4020 FRENCH III

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

Meets UC and CSU "e" requirement.

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

4030 FRENCH IV

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

Meets UC and CSU "e" requirement.

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

4041 AP FRENCH

Advanced Placement French continues the emphasis on reading, writing, and speaking the language. The goal is to pass the AP French language examination.

Meets UC and CSU "e" requirement.

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

CHINESE (MANDARIN)

4155 CHINESE I (MANDARIN)

Chinese 1 is designed for beginning learners of Chinese (Mandarin) who desire to acquire the basics of the language for functional and practical proficiency. This course integrates the four basic language skills of listening, speaking, reading and writing through various means of practice in the use of the target language. It will familiarize students with basic oral communication skills with an emphasis on idiomatic expressions, basic grammar and vocabulary to develop functional language skills. This course also introduces the culture and people of China. Facts about history, culture and customs of China will also be presented to help students know a nation that is culturally distinct from their own. Materials and methods used in this course are designed to meet the ACTFL Standards for Foreign Language Learning.

Meets UC and CSU "e" requirement.

Prerequisites: None
Open to all grades
One-year course

4160 CHINESE II (MANDARIN)

This course seeks to enable students to develop greater mastery of more of the essential grammatical structures and high frequency vocabulary of everyday Mandarin. Students have the opportunity to discover more of life and culture in the Chinese-speaking world and compare it to their own experience. The course continues the strategy of presenting students with contextualized, comprehensible Mandarin Chinese in spoken and written form and provides further opportunity for them to effectively internalize the material and express their own personal thoughts, reactions and opinions in relevant spoken and written Chinese.

Meets UC and CSU "e" requirement.

**Prerequisites: Chinese I
Open to all grades
One-year course**

4165 CHINESE III (MANDARIN)

In this intensive course of Chinese III, students will continue to develop the skills of listening, speaking, reading, and writing at a more advanced degree. Authentic materials from China will be used to further enhance student's language proficiency. Students will begin to develop the fine points and subtleties of written and oral expression with an ever-increasing framework of grammatical structure. Students are expected to express opinions in speaking and writing to develop various critical skills. The inflectional nature of the language and the acquisition of the Chinese characters will continue to be developed through thematic language and culture units. An in-depth understanding of Chinese culture remains an important aspect of this course. The course will offer a variety of interesting topics such as literary topics, current events, and popular literature that will serve as a basis for oral discussion and analysis. Digital technology and the internet will continue to be used to improve students' language skills.

Meets UC and CSU "e" requirement.

**Prerequisites: Chinese II
Open to all grades
One-year course**

4170 CHINESE IV (MANDARIN)

A continuation of Mandarin III, students will develop skills of listening, speaking, reading and writing to a more advanced degree. Students will begin to develop the fine points and subtleties of written and oral expression with an ever-increasing framework of grammatical structure. Students are expected to express opinions in speaking and writing to develop various critical skills. The non-inflectional nature of the language and the acquisition of the Chinese characters will continue to be developed through thematic language and culture units. Authentic materials from China will be used to further enhance students' language proficiency. Digital technology and the Internet will continue to be used to improve students' language skills.

Meets UC and CSU "e" requirement.

**Location: University Preparatory School
Prerequisites: Chinese III
Recommended: Grade "C" or better in previous language course
Open to all grades
One-year course**

SPANISH

4090 SPANISH I

Spanish I is designed to develop facility in reading, writing, 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, and speaking the language. There is continued emphasis on the study of Hispanic cultures around the world.

Meets UC and 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, and culture. There is increased emphasis on reading at this level.

Meets UC and 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 and 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 and 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, 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 and 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, Trig/Pre-Calculus, Calculus or Statistics. *Beginning with the class of 2018, students who have not passed Math 3 must take and pass a fourth year of mathematics.*

MATH 1

2083	MATH 1 (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.

CP Math 1 and Honors Math 1 courses meet UC and CSU requirements.

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 requirements.

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
2156 HONORS 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.

Honors Math 3 will also include the study of parametric equations as well as analysis of polar coordinates and curves. From right triangles Honors Math 3 will extend the definition of trigonometric functions using the unit circle. This will include inverse trig functions, identities and modeling. Ellipses and hyperbolas will be derived analytically and geometrically. Throughout the course, advanced problem solving skills will be emphasized and practiced.

CP Math 3 and Honors Math 3 courses meet UC/CSU requirements.

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.

CP Statistics meets UC and CSU requirements (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.

AP Statistics meets UC and CSU requirements.

Prerequisites: Honors Math 3 with a "C" or better,
CP Math 3 with consent of the Math Department,
or concurrent with Honors Math 3 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.

Trigonometry/Pre-Calculus meets UC and CSU requirements.

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

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.

AP Calculus meets UC and CSU requirements.

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

ELECTIVES

2330

FINANCIAL LITERACY

Financial Literacy is a course that will provide tools for students to become financially responsible young adults. The course employs algebra and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics. Field projects, computer spreadsheets and graphing calculators are key components of the course. It also includes essential math topics of number sense, algebra, geometry, probability and statistics and is pending articulation with Math 110 at Shasta College.

**Prerequisites: CP Math 2 or CP Math 2B with passing grade
Open to 12th grade
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.

Satisfies district computer proficiency graduation requirement.

AP Computer Science A meets UC “g” 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**

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. 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

11/12 M 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

3010 **BIOLOGY** (*Does not meet UC requirements*)
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.

CP Biology meets UC and CSU requirements.

Concurrent: Math 2 or higher
Open to 10th, 11th and 12th grades

CP Biology open to 9th grade with concurrent enrollment in Honors Math 1
One-year course

3045 **CP INTEGRATED AGRICULTURAL BIOLOGY**

One year of Integrated Ag Biology meets the biological lab science graduation requirement.

Meets UC and CSU requirements.

Refer to Agriculture section for more complete course descriptions
Prerequisites: Ag Physical/Earth Science and concurrent enrollment in Math 2 or higher
Open to 10th, 11th and 12th grades
One-year course

3023 **CP MEDICAL BIOLOGY** (EHS & SHS only)

This college prep course deals with the study of living things, their structure, function, and interrelationship with man and the environment. Basic biochemistry, anatomy, physiology, ecology, genetics, evolution, and cell theory will be covered with a medical emphasis. Problem solving is emphasized in this laboratory oriented course.

Meets UC and CSU requirements.

Location: Shasta High School
Prerequisites: Honors Math 1 with a "C" or better or concurrent enrollment in CP Math 2 or higher
Open to 10th, 11th and 12th grades; open to 9th grade concurrently enrolled in Honors Math 1
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 and CSU requirements.*

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

3037 **HONORS ANATOMY & PHYSIOLOGY** (SHS only)

An introductory, year-long course in human anatomy and physiology presented with a medical emphasis. The course is designed for medical assistants, medical secretaries and vocational nursing majors, and it complements child development, nutrition and home economics majors. Subject to concurrent enrollment approval, if applicable.

Meets UC and CSU requirements.

Location: Shasta High School
Prerequisites: One year of Biology, Chemistry/Physical Science 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 and CSU requirements.

Concurrent: Math 3 or higher

Open to 11th and 12th grades

Open to 10th grade with concurrent enrollment in Honors Math 2 or higher

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 and CSU requirements.

10th grade Prerequisites: CP Biology or CP Medical 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

3053

HONORS MEDICAL CHEMISTRY (SHS only)

Chemistry is a study of the composition of matter and of the transformation that it undergoes. Laboratory experimentation is an essential part of the course. In addition to the subject areas covered in general chemistry, Honors Medical Chemistry will study molecular geometry, electrochemistry and there will be a strong emphasis on organic chemistry and how it applies to medicine. The course will cover the material with increased scope, increased depth, and a higher level of difficulty; it requires higher levels of mathematical functioning, reasoning, and independent work. This course will integrate general chemistry with a medical emphasis and will provide a strong foundation for the next level of classes such as AP Biology, Honors Human Anatomy, and Medical Careers, leading to nursing or doctor preparation.

Meets UC and CSU requirements.

10th grade Prerequisites: CP Biology or CP Medical Biology and Honors Math 1 with a "C" or better

11th and 12th grade Prerequisites: CP Math 2 or higher with a "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 and CSU requirements.

Prerequisite: Chemistry

Concurrent: Math 3 or higher

Open to 11th and 12th grades

One-year course

PHYSICAL/EARTH SCIENCE

3065

PHYSICAL/EARTH SCIENCE

3063

CP PHYSICAL/EARTH SCIENCE

3067

AGRICULTURAL PHYSICAL/EARTH SCIENCE (District Farm/FHS)

(Refer to Agriculture section for a more complete course description)

The purpose of Physical/Earth Science is to offer students a course in developing scientific concepts, skills and attitudes. The course helps students gain an understanding of the methods, equipment and terminology of science. This course covers the areas of Geology, Astronomy, and Meteorology. An overview of Physics and Chemistry will be added to the Physical/Earth Science curriculum as necessary.

Meets UC "g" requirement. Can meet 2nd year CSU Lab Science requirement.

Prerequisites: None

Open to all grades

One-year course

3064 HONORS EARTH SCIENCE (FHS only)

Honors Earth Science is a lab intensive course with field studies and individual science projects. Course content consists of units on Earth's surface processes and features, rocks and minerals, natural resources, volcanoes, earthquakes, plate tectonics, meteorology, oceanography, and the study of Astronomy and earth's place in the universe, both within and beyond our solar system. As an 11-12 grade level honors course there are several prerequisite skills necessary including a proficiency in reading and constructing graphs, basic laboratory skills, rigorous science text literacy as well as basic computer literacy for investigation and data compilation. Also necessary is a thorough understanding of chemistry concepts such as molecular structure, chemical bonds, gas laws, and acid/base properties, which is why CP or Honors Chemistry is a prerequisite for the course.

Meets UC and CSU requirements.

Location: Foothill High School
Prerequisites: Chemistry, Math 2, Biology
Open to 11th and 12th grades
One-year course

4690 SPACE SCIENCE & ENGINEERING (ROBOTICS)

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** (see course description in CTE Engineering section.)

Meets UC and CSU requirements. Satisfies computer proficiency requirement for graduation.

Location: Shasta High
Concurrent: Math 3 or higher
Prerequisites: CP Biology and Chemistry
Open to 11th and 12th grades
One-year course

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 and CSU requirements.

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 requirements.

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

3086 AP PHYSICS 2

AP Physics 2: Algebra-Based is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. **This course requires levels of mathematical reasoning typical of a college physics course and culminates in taking of the College Board AP Physics 2 exam.**

Meets UC and CSU requirements.

Concurrent: AP Physics 1 and Honors Math 3 or higher
Open to 11th and 12th grades
One-year course

SOCIAL SCIENCE

CULTURAL GEOGRAPHY AND CAREER CHOICES

1523	CULTURAL GEOGRAPHY
1527	CP CULTURAL GEOGRAPHY
1524	HONORS CULTURAL GEOGRAPHY
1528	AP HUMAN GEOGRAPHY

These courses give students important background skills for high school Social Studies. They will focus on using skills to develop awareness in the following areas: Anthropology, Sociology, Psychology, Political Science and Economics.

UC approval pending for CP Cultural Geography.

Prerequisites: None
Open to 9th grade
Semester course

1522	CAREER CHOICES
1521	CP CAREER CHOICES (<i>Shasta High School only</i>)
1526	HONORS PSYCHOLOGY (<i>Shasta High School only</i>)
1536	HONORS PSYCHOLOGY

The purpose of these courses is to help adolescent boys and girls improve their personal and social relationships through a better understanding of themselves. They will investigate the differences in individuals due to heredity, environment, personality, values and goals. They will study the importance of choices that students make in shaping their futures related to the effects of alcohol, tobacco, drug abuse, nutrition and sexuality. The course includes instruction in personal and public health and safety. The career component of these courses will emphasize career awareness, job search and testing, as well as career exploration.

The District uses Positive Parent Permission and will provide access to detailed class content outlines prior to instruction concerning sexual health and HIV/AIDS. Parents may choose to exclude their students from participation in certain sections of instruction, guest speakers, and adjacent assessments or surveys. (*Ed Code Sections 51937, 51938, 51939*) Courses will include appropriate character education components to enhance these student skills.

Prerequisites: None
Open to 9th grade
Semester 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 and CSU requirements 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 and CSU requirements.

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

1561 AP WORLD HISTORY

This is a full-year introductory college course in world history from c. 1000 c.e. to the present. The course begins with a section called "Foundations," which introduces world historical themes that form the basis for developments from 1000 forward. The course and exam highlight six overarching themes: impact of societal interactions, change and continuity across world history periods, impact of technology and demography, social and gender structures, cultural and intellectual developments, and functions and structures of states. 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 and CSU requirements.

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

U.S. HISTORY

- 1578 U.S. HISTORY** *(Does not meet UC requirements)*
- 1580 CP U.S. HISTORY**
- 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 and CSU requirements except as noted.

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

AMERICAN GOVERNMENT/ECONOMICS/CIVICS

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

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 and CSU requirements except as noted.

Prerequisites: None
Open to 12th grade
Semester courses

SOCIAL SCIENCE ELECTIVES NOT MEETING 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.

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 all 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.

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

9201 ORIENTATION (PHS)

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)

Any student not passing the California Physical Fitness Test in the 9th grade must be enrolled in a district-approved P.E. class 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.

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.

2565

ATHLETIC WEIGHT TRAINING AND FITNESS

Athletic weight training & fitness physical education is a conditioning and skill development physical education class offered for athletes participating in extracurricular sports. 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

2585

BASKETBALL/WEIGHT TRAINING

This course may combine two existing classes.

Prerequisites: Pass 9th grade P.E. Course 1
Open to 10th, 11th and 12th grades
One-year course

2580 WEIGHT TRAINING/FITNESS

This course is designed for serious students in weight training the entire school year.

**Prerequisites: Pass 9th grade P.E. Course 1
Open to 10th, 11th and 12th grades
One-year course**

ADAPTIVE PHYSICAL EDUCATION

2510 ADAPTIVE PHYSICAL EDUCATION

Modified Physical Education is open to those students unable to participate in the regular program.

**Prerequisite: Recommendation of the Individual Educational Planning
Committee or recommendation of a physician
Open to all 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. All art courses satisfy the Visual/Performing Arts requirement for graduation.

VISUAL ARTS

6000

ART I

Art I is the study of the basic elements and principles of art. During the first semester, students explore these elements through a variety of two-dimensional media. Students apply these skills and concepts to three-dimensional media during the second semester. 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 and CSU "I" 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 weekly writing and sketchbook assignments, periodic reading and writing assignments, maintain a portfolio, and attempt all assigned art projects. The course develops the individual student's capabilities to a more advanced level.

Meets UC and CSU requirements.

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 and CSU requirements.

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 Concentration portion of the Advanced Placement portfolio. Strong art ability, motivation and self-discipline are recommended.

Meets UC and CSU requirements.

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
6041

AP STUDIO ART: DRAWING
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 and CSU requirements.

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

The student will work with clay, and he will 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 and 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 and CSU requirements.*

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

6070 SILK SCREENING

This course will include basic design, ink drawing, construction and painting using silkscreen technique. A student must complete assigned silkscreen prints. Prints will be evaluated on difficulty, quality and neatness.

Prerequisites: None
Open to all 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 and CSU requirements.*

Prerequisites: Art I with grade B or better
Open to all 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.

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

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.

PERFORMING ARTS - MUSIC

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 and 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 appearances and rehearsals is compulsory. Performances include formal and informal concerts, music festivals, and performance for civic concerts and some sports activities.

Meets UC and CSU requirements.

A core music class

Prerequisites: Admission by consent of the instructor

Open to all 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

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.

Prerequisites: None

Open to all grades

One-year course

7016

GUITAR II

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 and CSU requirements.

Prerequisites: Must be currently enrolled in a core music class

Open to 10th, 11th and 12th grades

One-year course

7030 ORCHESTRA

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 and CSU requirements.

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

7040 ENSEMBLE ORCHESTRA
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.

Meets UC and CSU requirements.

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

7041 PERCUSSION ENSEMBLE

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 and CSU requirements.

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

7045 PIANO 1

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

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 and CSU requirements.

A core music class
Prerequisites: Admission by consent of instructor
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 and CSU requirements.

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

**7070 MADRIGAL CHOIR (SHS)
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 and CSU requirements.

**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 and CSU "f" requirement.

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

7085 VOCAL JAZZ

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 (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 and 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**

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 and CSU requirements.

**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 and CSU requirements.*

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 and analyze a dramatic production.

Meets UC and 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 also study make-up techniques, theatre history and play analysis.

Meets UC and CSU requirements.

Prerequisites: Drama I or teacher recommendation
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 and CSU requirements.

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

1220 DRAMA IV-A: Selected Emphasis: Advanced Acting

This course emphasizes advanced acting techniques. Students will become involved in community theatre and will rehearse and perform a one-person show.

Meets UC and CSU requirements.

Prerequisites: Drama II and teacher recommendation
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 and CSU requirements.

Prerequisites: Drama III and teacher recommendation
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 career decisions. CTE programs prepare students for both college and careers.

Courses in a **variety of Industry Sectors** are offered that satisfy the Practical Vocational Arts requirement for high school graduation. Work Experience Education 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 science 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 this program are eligible to be a member of the FFA, a national, state and local youth leadership organization. The FFA trains students in cooperation and leadership.

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 at the Shasta Union High School District Farm.

Please Note:

1. Students enrolled in the agriculture programs at the 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. 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.
3. Agriculture is open to all students. In case of over-enrollment, priorities will be established by principals and counselors on the basis of student vocational goals.
4. 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.
5. All first-time agriculture students must enroll in introductory courses – Ag Physical/Earth Science or Ag Mechanics 1 or 2.

Recommended Pathway:

Ag Physical/Earth Science and Ag Mechanics 1
CP Integrated Ag Biology and Ag Mechanics 2
Animal Science or Plant Science and Ag Mechanics 3/4
Animal & Veterinary Careers

6510 AG MECHANICS 1

Students work with hand and power tools, acetylene and arc welding. Construction of projects in wood and metal are required.

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.

Prerequisites: None
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.

Prerequisites: Ag Mechanics 2
Open to 10th, 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.

Prerequisites: Ag Mechanics 2 & 3

**Open to 10th, 11th and 12th grades
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.

**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 and CSU requirements.

**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**

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.

**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.

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

6545

ANIMAL AND VETERINARY CAREERS

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. **Students must have own transportation to class and clinical sites.**

**Location: Foothill High School/Community Sites
Prerequisites: Biology or Animal Science is recommended
Open to 11th and 12th grades
Dual enrolled with Shasta College
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:

Intro to Construction
Intermediate Construction
The Art of Fine Woodworking
Advanced Construction
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

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 INTERMEDIATE CONSTRUCTION

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: Intro to Construction with a grade of "C" or better
Open to 10th, 11th and 12th grades
One-year course

5090 ADVANCED CONSTRUCTION

Advanced Construction is designed to give students a thorough understanding of both basic and advanced woodworking machines and their safe use. Advanced methods that are commonly used in industry will be taught with emphasis on one or more projects of students' choosing with the approval of the instructor.

Prerequisites: Intermediate Construction with a grade of "C" or better
Open to 11th and 12th grades
One-year course

5055 THE ART OF FINE WOODWORKING

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.

Satisfies district computer proficiency graduation requirement.

Prerequisites: Computer Applications
Open to 10th, 11th and 12th 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.

Satisfies district computer proficiency graduation requirement.

Meets UC/CSU "g" requirement.

Prerequisites: Computer Literacy recommended
Open to 11th and 12th grades, 10th grade on approval of instructor
Dual enrolled with Shasta College
One-year course

4637

PRINCIPLES OF BUSINESS ENTREPRENEURSHIP

This course is an entrepreneurial perspective of starting a small business. The course covers techniques and methods of starting and managing a small business enterprise and incorporates the development of a sound business plan that includes a financial, management, and marketing analysis.

Satisfies district computer proficiency graduation requirement.

Meets UC "g" requirement.

Prerequisites: Computer Literacy recommended
Open to 11th and 12th grades
Dual enrolled with Shasta College
One-year course

4630 MARKETING

Marketing is a fast-paced course which introduces students to the skills, strategies and topics that make up the ever-changing world of marketing. Course content includes units of study in consumer behavior, sales, planning, pricing, promotion, merchandising, distribution, and ethics. Taught in a business computer lab, Marketing is a technologically advanced course which allows students to study the latest advertising strategies utilized by online businesses, as well as traditional print and broadcast media. For the course finale, students use Virtual Business software to compete in an online, international computer marketing simulation.

Satisfies district computer proficiency graduation requirement.

**Prerequisites: Computer Literacy recommended
Open to 11th and 12th grades
Dual enrolled with Shasta College
One-year course**

4625 INTRO TO MARKETING

This Introduction to Marketing course introduces students to the business activities that are designed to plan, price, promote, and place goods/services for current and potential customers. This course acquaints students with the present-day challenges of marketing professionals and introduces students to the tools and methods marketing professionals use to make decisions. Students will also be introduced to ethical and global issues in the field of marketing. Aligned to the California Common Core State Standards, NEXT Generation and Appendices. *Satisfies district computer proficiency graduation requirement.*

Meets UC "g" requirement.

**Prerequisites: Computer Literacy recommended
Open to 11th and 12th grades
Offered at Enterprise & Shasta Only
Dual enrolled with Shasta College
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

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.

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: North State Independence High School

**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:

CAD 1	Exploring Engineering
CP CAD 1	Space Science & Engineering (Robotics)
CAD 2	The Art of Architecture
CAD 3/4	Advanced Engineering

5035 COMPUTER AIDED DRAFTING 1 (CAD) (EHS only)

This course introduces students to the world of drafting. Students use several drafting programs: SketchUp, DesignCad, Chief Architect, and Rhino 3D. Students will get to use a 3D printer and design a house during this course. This course can be useful in a variety of careers. *Satisfies computer proficiency requirement for graduation.*

Prerequisites: None
Open to all grades
One-year course

5030 CP COMPUTER AIDED DRAFTING (CAD) (EHS & SHS only)

This introductory program prepares individuals to assist engineers and architects in the development of detailed working drawings and related specifications for mechanical devices and machinery. It prepares individuals to present information graphically by means of schematics, sections, exploded views, and other techniques that illustrate or clarify oral or written descriptions. It includes instruction in sketching rough layouts, paper/pencil drafting of detailed multi-view drawings, and analyzing compression, magnitude, direction, point of application of tension, and bending factors. This course emphasizes paper/pencil drafting.

Satisfies computer proficiency requirement for graduation.
Meets UC/CSU requirements (SHS only).

Prerequisites: None
Open to all grades
One-year course

5040 COMPUTER AIDED DRAFTING 2/3 (CAD)

Computer Aided Drafting 2/3 is a continuation of Drafting 1 CAD. Subjects may include: mechanical drawing, pattern layout, auxiliary views, sectional views, dimensioning, solid/3D modeling, assembly drawings, lofting, Civil Drafting, and Architectural Drafting.

Satisfies computer proficiency requirement for graduation.

Prerequisites: CAD 1 with a grade of "C" or better
Open to 10th, 11th and 12th grades
One-year course

5050 COMPUTER AIDED DRAFTING 3/4 (CAD)

Computer Aided Drafting 3/4 is a continuation of CAD 1 and 2. Subjects may include: mechanical drawing, pattern layout, auxiliary views, sectional views, dimensioning, solid/3D modeling, assembly drawings, Civil Drafting and Architectural Drafting. Students may be permitted to explore selected fields of drafting.

Satisfies computer proficiency requirement for graduation.

Prerequisites: CAD 1 with grade of "C" or better
Open to 11th and 12th grades
One-year course

4687 ENGINEERING & THE FABRICATION LABORATORY (EXPLORING ENGINEERING)

In this course students explore basic concepts and detailed applications of engineering. Students experience planning & design, physics, and analysis & testing aspects of engineering while creating and working with prototypes. Students gain insight into real-world careers in engineering while preparing for more advanced science and engineering courses they will encounter later in high school.

Satisfies computer proficiency requirement for graduation.

Meets UC/CSU "g" requirement.

Location: Shasta & Enterprise High School

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**.

Satisfies computer proficiency requirement for graduation.

Meets UC/CSU requirements.

Location: Shasta High School

Concurrent: Math 3 or higher

Prerequisites: CP Biology and Chemistry

Open to 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. This class satisfies the district computer proficiency requirement as well as practical art.

Meets UC/CSU "g" requirement.

Location: Shasta High School

Concurrent: Math 3 or higher

Prerequisites: CP Biology and Chemistry

Open to 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

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

Dental Careers

Intro to Medical Careers

Medical Careers 1

Medical Careers Clinical

Sports Medicine/Athletic Training Careers

5624

INTRO TO MEDICAL CAREERS (1 hour – SHS students only)

5625

MEDICAL CAREERS 1 (2 hours)

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, which 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.

Location: Shasta High School

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. 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

One-year course

5635

SPORTS MEDICINE/ATHLETIC TRAINING CAREERS

This is an introductory course 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 of “C” or better

Open to 11th and 12th grades

One-year course with 7th period option for internship 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:

Intro to FACS Careers

Food and Nutrition

Culinary Arts 1

Culinary Arts 2

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.

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

5565 CULINARY ARTS 1

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.

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

5570 CULINARY ARTS 2

Students will continue to improve on the skills learned in Culinary Arts 1, with more focus on the importance of Food Safety and Sanitation. Students will earn food safety and sanitation in the workplace certificates. Students will be introduced to professional cooking, creative catering, baking, and artistic food presentation. Students may be placed in a long-term job placement with a local chef, manager, or baker in order to have real employment experience. The Culinary Arts 2 students will have first priority to participate in catering functions and competitions.

Recommended Prerequisite: Culinary Arts 1
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.

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.

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 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.

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.

Location: Enterprise High School
Prerequisite: Culinary Arts 1, Culinary Arts 2 or Chef Prep 1
Open to 11th and 12th grades
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 Applications

Computer Literacy

Intro to Internet & HTML

AP Computer Science A

Intro to Computer Programming

Multimedia Design & Production

Web Design using Dreamweaver (semester)

Digital Multimedia (semester)

PC Graphics & Design

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.

Satisfies district computer proficiency graduation requirement.

Prerequisites: None

Open to all grades

Dual enrolled with Shasta College

One-year course

4546

COMPUTER SCIENCE PRINCIPLES

Computer Science Principles is a yearlong course that exposes students to the fundamentals of Computer Science. Computer Science Principles is specifically designed for students with no prior programming experience. This course will touch upon a variety of fundamental topics within the field of Computer Science and will use Java to demonstrate those principles. 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 cell phones. 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 be qualified to meet the ever increasing labor market in technology.

Satisfies district computer proficiency graduation requirement.

PENDING APPROVAL: UC and CSU "g" requirement.

Prerequisites: Math 1, Computer Literacy Recommended

Open to 11th and 12th grades; 10th grade with instructor approval

Pending Dual enrollment with Shasta College

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).

Satisfies district computer proficiency graduation requirement.

Prerequisites: Computer Applications

Open to 10th, 11th and 12th 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.

Satisfies district computer proficiency graduation requirement.

Meets UC and CSU "F" requirement.

**Suggested Prerequisites: Computer Literacy
Open to 11th and 12th grades
Dual Enrolled with Shasta College
One-year course**

4655 INTRO TO INTERNET & HTML

This course will provide an introduction to the Internet, including its history, structure and search capabilities. The basics of Web publishing will be taught through HTML commands, digital photography and image editing techniques. The basics of Web publishing will be taught through HTML commands, files will be created using software already incorporated into MS windows. No special software is required.

Satisfies one semester of district computer proficiency graduation requirement..

**Prerequisites: Computer Applications with passing grade
or pass District Computer Proficiency test
or approval of instructor
Open to all grades
Dual enrolled with Shasta College
One-year course**

4665 WEB DESIGN USING DREAMWEAVER

This **one-semester** class is designed to introduce students to Web site development using Adobe Dreamweaver and to provide the necessary skills and training for an entry-level position in the field of Web Design. The class will focus on Web page planning, design, layout, construction, and maintenance of a Web site. It will also introduce the students to Photoshop, Flash, Shockwave, CSS and Dynamic Web pages.

Satisfies one semester of district computer proficiency graduation requirement.

**Prerequisites: None
Open to 10th, 11th and 12th grades
Dual enrolled with Shasta College
One-semester course**

4656 DIGITAL MULTIMEDIA

This **one-semester** class is designed to introduce students to the basics of using digital multimedia such as digital photos and video, and manipulating the multimedia using Adobe Photoshop and Adobe Premier Pro for use on the web and personal computers. Students will be introduced to additional graphic arts programs such as Adobe Illustrator and InDesign, to create illustrations, images and other graphics. *Satisfies one semester of district computer proficiency graduation requirement.*

**Prerequisites: None
Open to 10th, 11th and 12th grades
Dual enrolled with Shasta College
One-semester course**

PUBLIC SERVICES

The Public Services sector provides a foundation for secondary students in government, public administration, public safety, legal, and human services. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in the industry. The sector encompasses three career pathways: Human Services, Legal and Government Services, and Protective Services. 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:

Computer Literacy
Administration of Justice (AOJ) Careers 1 & 2
Fire Technology 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)

Firefighter Technology Careers I enhances students' fundamental understanding of the fire service. This first year 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 the workforce in any discipline. The curriculum is based upon IFSTA Firefighter I standards with demonstration of skills in the lab component. Topics taught include: introduction to fire technology, basic structural fire company operations, basic wildland firefighting practices, firefighter safety and survival, and Emergency Medical Services. Upon completion, the student will become certified in ICS-100, CPR/First Aid, and Blood-borne Pathogens. Experienced firefighters provide real-life guidance to equip the student for entry-level employment with government agencies such as the California Conservation Corps (CCC), CAL FIRE, US Forest Service, and city municipalities. Portions of the course have an articulation agreement with College of the Siskiyous and Shasta College.

Location: Foothill High School

Prerequisites: None

Open to 11th and 12th grades

Articulated with Shasta College and College of the Siskiyous

1st year of two-year course

5655 FIRE TECHNOLOGY CAREERS 2 (2 hours)

Firefighter Technology Careers 2 strengthens the knowledge base obtained in Fire Technology Careers 1. Further development in fire service principles and practices are expanded to include 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 with a lab component shall include Emergency Medical Responder (EMR), expanded wildland skills, and certifications in multiple industry specific courses, such as Confined Space Awareness, ICS-200, Fire Control 1, and Fire Control 2. Priority hiring may be given to graduates through the California Conservation Corps with a two year employment option: wage, benefits, experience, and qualify for a \$14,000 scholarship. Other government municipalities for employment shall include CAL FIRE, US Forest Service, and local volunteer fire departments. Portions of this course have an articulation agreement with College of the Siskiyous and Shasta College.

Location: Foothill High School

Prerequisites: Fire Technology Careers 1

Open to 12th grade

Articulation with Shasta College and College of the Siskiyous

2nd year of two-year course

OTHER PROGRAMS

OUTSIDE WORK EXPERIENCE

8000
8005

OUTSIDE WORK EXPERIENCE
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 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**

ELL STUDY SKILLS

8016

ELL STUDY SKILLS

The purpose of this course is to develop the student's skills in reading, writing, listening and speaking English. Students will acquire the basic language tools needed to communicate in academic as well as community settings. Considerable time will be devoted to the acquisition of survival skills in English such as language needed in visiting doctors, taking public transportation, getting and keeping a job, and buying things in the community. Instruction in grammar, spelling, pronunciation, punctuation, and related skills will be given as needed in order to facilitate and advance the communicative proficiency of the students.

**Prerequisite: CELDT or ELPAC Test scores
Placement test may be given at school site
Open to all grades
Two semesters**

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 – 20 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/Elective:		4. 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		
Computer		10 th 11 th 12 th
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

Counseling Centers:

Enterprise High School 222-6601 ext 12516	Foothill High School 547-1700 ext 13516	Shasta High School 241-4161 ext 15516	Pioneer High School 243-1880 ext 14502	North State Independence 245-2760 ext 52685
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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.

Counseling Centers:

Enterprise High School
222-6601 ext 12516

Foothill High School
547-1700 ext 13516

Shasta High School
241-4161 ext 15516

Pioneer High School
243-1880 ext 14502

North State Independence
245-2760 ext 52685

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
www.naviance.org

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”
Naviance

Glossary

ACT	American College Testing
AP	Advanced Placement (exam taken for college credit)
ASVAB	Armed Services Vocational Aptitude Battery
CP	College Preparatory
CSU	California State University
CHSPE	California High School Proficiency Examination
ELL	English Language Learner
ESL	English as a Second Language
FEP	Fluent English Proficient
Hon	Honors
HUM	Humanities Program at Shasta and Enterprise High Schools
MCM	Medical Careers Magnet Pathway Program (Shasta)
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

Counseling Centers:

Enterprise High School 222-6601 ext 12516	Foothill High School 547-1700 ext 13516	Shasta High School 241-4161 ext 15516	Pioneer High School 243-1880 ext 14502	North State Independence 245-2760 ext 52685
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