

**RYAN ROBISON**  
*SUPERINTENDENT*  
*PRINCIPAL*

**RICK GIOVANNONI**  
*STUDENT SERVICES*  
*VICE PRINCIPAL*

**JEDSEN NUNES**  
*PRINCIPAL: BUTTE VIEW HIGH SCHOOL*  
*INDEPENDENT STUDY COORDINATOR*



**FRANCESCA L. EHRK**  
*DIRECTOR OF GUIDANCE*

**MARISSA GIOVANNONI**  
*SCHOOL COUNSELOR*

**MICHAEL LANDA**  
*ACADEMIC INTERVENTION*  
*AND TESTING COORDINATOR*

**MARIANA COLLAZO**  
*ACADEMIC ADVISOR*

**SUTTER UNION HIGH SCHOOL**  
2665 ACACIA AVE • P. O. BOX 498  
SUTTER, CA 95982

PHONE: 530 822-5161

FAX: 530 822-5168

[www.sutterhuskies.com](http://www.sutterhuskies.com)

SUTTER UNION HIGH SCHOOL  
IS A COMPREHENSIVE FOUR YEAR HIGH SCHOOL  
ACCREDITED BY  
WESTERN ASSOCIATION OF SCHOOLS AND COLLEGES

# SUTTER UNION HIGH SCHOOL DISTRICT



## 2022 — 2023

# COURSE CATALOG

AND

## REGISTRATION INFORMATION

Sutter Union High School District's primary mission is to academically and vocationally educate the youth of our community while promoting high social and moral standards in preparing our students to meet the challenges of their future.

# SUTTER UNION HIGH SCHOOL

## 2022 - 2023 REGISTRATION INFORMATION

### **SUTTER UNION HIGH SCHOOL GRADUATION REQUIREMENTS**

#### 1. TOTAL CREDITS REQUIRED —250 CREDITS

5 CREDITS PER SEMESTER ARE GIVEN FOR EACH COURSE PASSED WITH A PASS (P) OR D- OR BETTER. THERE ARE TWO SEMESTERS IN THE SCHOOL YEAR. STUDENTS CAN EARN 70 CREDITS FOR EACH YEAR. IN 4 YEARS, IT IS POSSIBLE TO ACCUMULATE 280 CREDITS.

#### 2. SENIOR GRADUATION REQUIREMENT

IN CONJUNCTION WITH THE AMERICAN GOVERNMENT/ECONOMICS CLASS AND ENGLISH CLASS, EACH SENIOR WILL JOBSHADOW A PROFESSIONAL FROM THE COMMUNITY AND WRITE AN ESSAY ABOUT THE EXPERIENCE.

#### 3. SUBJECT REQUIREMENTS

**ENGLISH** ..... 40 CREDITS (4 YEARS)

**MATH** ..... 30 CREDITS (3 YEARS)

**SCIENCE** ..... 20 CREDITS (2 YEARS)  
ONE YEAR OF PHYSICAL SCIENCE/EARTH SCIENCE  
ONE YEAR OF LIFE SCIENCE

**SOCIAL STUDIES** ..... 40 CREDITS (4 YEARS)  
HEALTH-PRO COMMS & TEC  
WORLD STUDIES  
U.S. HISTORY  
GOVERNMENT/ECONOMICS

**PHYSICAL EDUCATION** ..... 20 CREDITS (2 YEARS)

**VOCATIONAL EDUCATION** ..... 10 CREDITS (1 YEAR)

Most courses in the Agriculture Department, Business Department, Industrial Technology Department, Psychology, and all on and off campus Career and Technical Education Courses (CTE) would meet this requirement.

**FINE ARTS OR WORLD LANGUAGE** ... 10 CREDITS (1 YEAR) IN EITHER Subject

ART 1, 2, 3 & 4  
CERAMICS 1 & 2  
GRAPHICS I  
CHORUS  
DRAMA PRODUCTIONS  
YEARBOOK PRODUCTION  
THE ART AND HISTORY OF FLORAL DESIGN 1 & 2  
AP Studio Art (Drawing)  
Advanced Band

THEATRE ARTS  
APPLIED PHOTOGRAPHY 1, 2, 3 & 4  
GRAPHICS/DIGITAL MARKETING  
3-D ANIMATION  
SPANISH 1 & 2  
HONORS SPANISH 3 & 4  
AP Studio Art (2D Design)

State Testing- Students are required to participate in state testing. These tests will be reviewed for academic achievement awards and Valedictorian and Salutatorian position.

## COURSE SELECTION

**Students, in consultation with their parents and counselor, should choose courses carefully. There will be very limited opportunity for program changes. The following four-year planning chart can be used as a worksheet for course selection.**

SUBJECTS	CREDITS	FRESHMEN (9TH)	SOPHOMORE (10TH)	JUNIOR (11TH)	SENIOR (12TH)
ENGLISH (4 years required)	40	English Level 1 10	English Level 2 10	English Level 3 10	English Level 4 10
MATH (3 years required)	30	Minimum Required 10	Minimum Required 10	Minimum Required 10	
SCIENCE Phys. Science/EarthScience10 Life Science 10	20	Minimum Required 10	Minimum Required 10		
SOCIAL SCIENCE	40	Health/Pro Comms & Tech 10	World Studies 10	U.S. History 10	Government Economics 5 5
PHYSICAL EDUCATION	20	Physical Education 10	Physical Education 10		
VOCATIONAL EDUCATION	10				
FINE ARTS and/or WORLD LANGUAGE	10				
TOTAL CREDITS	250				

SUBJECTS	CREDITS	FRESHMEN (9TH)	SOPHOMORE (10TH)	JUNIOR (11TH)	SENIOR (12TH)
ENGLISH (4 years required)	40				
MATH (3 years required)	30				
SCIENCE Phys. Science/EarthScience10 Life Science 10	20				
SOCIAL SCIENCE	40				
PHYSICAL EDUCATION	20				
VOCATIONAL EDUCATION	10				
FINE ARTS and/or WORLD LANGUAGE	10				
TOTAL CREDITS	250				

# SUTTER UNION HIGH SCHOOL COURSE OFFERINGS 2022-2023

Last Name \_\_\_\_\_ First Name \_\_\_\_\_ Student# \_\_\_\_\_ Grade 10/11/12

**Choose 7 classes plus list 3 alternates at the bottom**

**English**

- 1150 English 9 (9)
- 1361 Honors English 9 (9)
- 1250 English 10 (10)
- 1362 Honors English 10 (10)
- 1300 English 11 (11)
- 1360 AP English 11 (11)
- 1401 English 12 (12)
- 1500 AP English 12 (12)
- 1900 ELD 1 (9-12)
- 1905 ELD 2 (9-12)

**Math**

- 2320 Integrated 1 (9-12)
- 2327 Integrated 1A (9-12)
- 2329 Integrated 1B (9-12)
- 2321 Integrated 2 (10-12)
- 2328 Integrated 2A (10-12)
- 2330 Integrated 2B (10-12)
- 2322 Integrated 2 Honors (10-12)
- 2323 Integrated 3 (11-12)
- 2324 Integrated 3 Honors (11-12)
- 2525 Pre-Calculus (11-12)
- 2550 AP Calculus AB (12)
- 2776 TrnsCollegeMathStats (12)
- 7072 Personal Financial Literacy (10-12)
- 7080 Accounting 1 (10-12)
- 7081 Accounting 2 (11-12)

**Science**

- 3125 Earth Science (9-12)
- 3010 Ag Earth Science (9-12)
- 3015 Sustainable Agriculture (9-12)
- 3500 Agriculture Science 1 (9-12)
- 3551 Ag Science II/Ag Leadership (10-12)
- 3650 Life Science (10-12)
- 3800 Biology (9-12)
- 3150 Chemistry (10-12)
- 3200 Physics (11-12)
- 3825 AP Biology (10-12)
- 3251 AP Physics 1 (11-12)
- 3155 AP Chemistry (11-12)
- 3011 Ag/Soil Chemistry (10-12)
- 3012 Agriscience Systems Mgmt. (11-12)

**Social Studies**

- 4049 Health (9-12) (1 Semester)
- 4125 World Studies (10-12)
- 4127 Honors World Studies (10-12)
- 4400 US History (11-12)
- 4401 Honors US History (11-12)
- 4500 Amer. Gov't (12)
- 4511 Honors Amer. Gov't (12)

**Physical Education Department**

- 6000 Physical Education (9-12)
- 6302 Weight Training (9-12)
- 6300 Weight Training 2 (10-12)
- 6301 Weight Training 3 (11-12)

**World Language**

- 5000 Spanish 1 (9-12)
- 5050 Spanish 2 (9-12)
- 5125 Honors Spanish 3 (10-12)
- 5130 Honors Spanish 4 (10-12)

**Visual & Performing Arts**

- 5500 Art 1 (9-12)
- 5501 Art 2 (10-12)
- 5502 Art 3 (11-12)
- 5503 Art 4 (12)
- 5504 AP Studio Art Drawing (11-12)
- 5505 AP Studio Art 2D (11-12)
- 5600 Appl. Photo I (10-12)
- 5601 Appl. Photo II (11-12)
- 5602 Appl. Photo III (12)
- 5700 Advanced Band (9-12)
- 5775 Chorus (9-12)
- 5800 Theater Arts (9-12)
- 5810 Drama Productions (10-12)
- 5840 Stage Technology (11-12)
- 5520 Ceramics (9-12)
- 5521 Ceramics 2 (10-12)
- 5522 Ceramics 2 (2 per) (10-12)
- 7125 Art/History Floral/Design (10-12)
- 7126 Art/History Floral/Design 2 (11-12)

**Agriculture Department**

- 3500 Agriculture Science 1 (9-12)
- 3551 Ag Science II/Ag Leadership (10-12)
- 3010 Ag Earth Science (9-12)
- 3015 Sustainable Agriculture (9-12)
- 3011 Ag/Soil Chemistry (10-12)
- 3012 Agriscience Systems Mgmt. (11-12)
- 7100 Pre-Ag Shop (9-12)
- 7151 Intro to Ag Mechanics (9-10)
- 7164 Ag Mechanics I (10-12)
- 7160 FarmEquip&MetalFab (11-12)
- 7161 FarmEquip&MetalFab 2per (11-12)
- 7125 Art/History Floral/Design (10-12)
- 7126 Art/History Floral/Design 2 (11-12)

**Business Department**

- 7075 Pro Comms & Tec (9-12) (1 Semester)
- 7078 Yearbook Production (9-12)
- 7073 Graphics I (10-12)
- 7073 Graphics/Digital Marketing (11-12)
- 7080 Accounting 1 (10-12)
- 7081 Accounting 2 (11-12)
- 7950 3D Animation I (10-12)
- 7951 3D Animation II (11-12)
- 7952 3D Animation III (12)
- 7965 FBLA Leadership (10-12)
- 7074 Marketing (10-12)
- 7072 Personal Financial Literacy (10-12)

**Industrial Technology**

- 7151 Intro to Ag Mechanics (9-10)
- 7164 Ag Mechanics I (10-12)
- 7160 FarmEquip&MetalFab (11-12)
- 7161 FarmEquip&MetalFab 2per (11-12)
- 7100 Pre-Ag Shop (9-12)
- 7251 Drafting Tech 1 (9-12)
- 7252 Drafting Tech 2 (10-12)
- 7253 Drafting Tech 3 (11-12)
- 7254 Drafting Tech 4 (12)
- 7305 Const&MnfrTech I (9-12)
- 7355 Const&MnfrTech II (10-12)
- 7360 Const&MnfrTech III (11-12)
- 7470 BITA 1 (2 per) (9-12)
- 7471 BITA 2 (2 per) (10-12)
- 7472 BITA 3 (2 per) (11-12)
- 7473 BITA 4 (2 per) (12)

**Resource Specialist Program**

- 1700 RSP English (9-12)
- 2700 RSP Math (9-12)
- 2702 RSP Int. Math 1 (9-12)
- 2703 RSP Int. Math 1A (9-12)
- 2707 RSP Int. Math 1B (9-12)
- 2704 RSP Int. Math 2 (10-12)
- 2705 RSP Int. Math 2A (10-12)
- 2708 RSP Int. Math 2B (10-12)
- 2706 RSP Int. Math 3 (10-12)
- 3775 RSP Earth Science (9-12)
- 3751 RSP Life Science (9-12)
- 4170 RSP World History (10-12)
- 4470 RSP US History (11-12)
- 4570 RSP American Govt. (12)
- 4670 RSP Economics (12)
- 8705 RSP Tutorial (9-12)
- 8706 Tutorial (9-12)

**ROP Classes on and off campus (see course catalog for more details)**

- 7810 ROP Hosp. Mgmt. (11-12) (3 per) (Off Campus)
- 7811 ROP Adv. Manuf. (11-12) (1 per) (On Campus)
- 7842 ROP Int. Ani Sci. (11-12) (1 per) (On Campus)
- 7840 ROP Nursing Assist. (11-12) (3 per) (Off Campus)
- 7841 ROP Sports Med. I (9-12) (1-2 per) (On Campus)
- 7844 ROP Advanced Sports Med. (10-12) (1-2 per) (On Campus)
- 7845 ROP Dental Assist (12) (3 per) (Off Campus)
- 7846 ROP Aerial Mapping & Photogrammetry (11-12) (2 per) (Off Campus)

**Other Electives**

- 4700 Psychology (11-12)
  - 4800 Husky Pack 101 (10-12)
  - 8000 (TA) Student Assistant (11-12)
- 
- 8081 Unscheduled 5/6/7periods (12)
  - 8080 Unscheduled 6/7periods (12)
  - 8900 Unscheduled 7<sup>th</sup> period (12)
  - 9000 College Block 1 period (9-12)
  - 9001 College Block 2 periods (9-12)
  - 8800 Work Experience (11-12)
  - 9002 Early College Readiness (9-12) (2per)

**Alternate Electives**

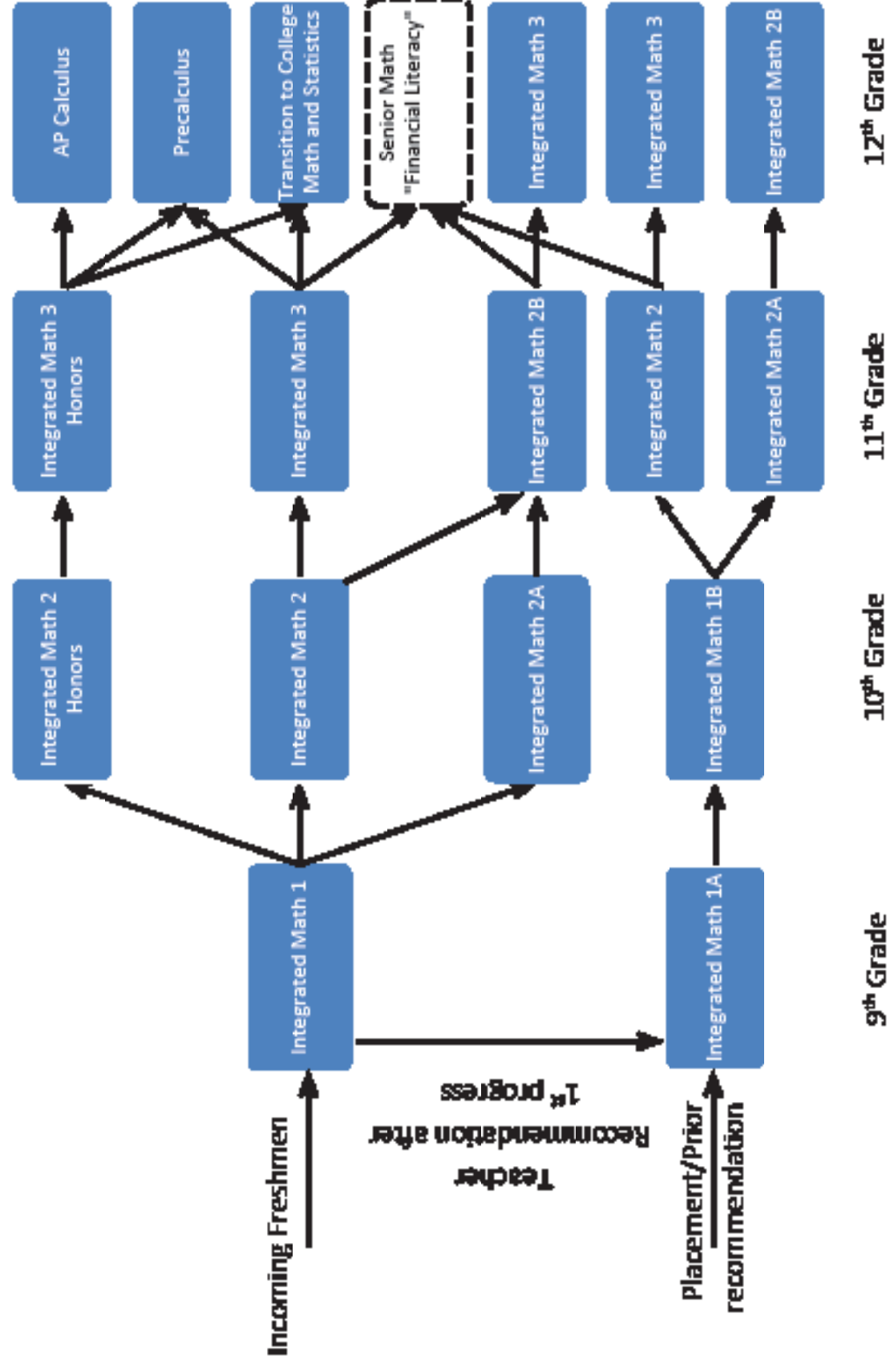
**PLEASE choose 3**

**If left blank, your classes will be chosen for you.**

**1.** \_\_\_\_\_

**2.** \_\_\_\_\_

**3.** \_\_\_\_\_



Sutter Union High School  
 Student Academic Service Courses for Admission  
 (A through G Requirements)  
 University of California & California State University

HISTORY (2 YEARS TOTAL)		
A	(1 YEAR)	(1 YEAR)
	World Studies	US History
	Honors World Studies~	American Government
		Honors American Government~

ENGLISH (4 YEARS)	
B	English 9
	English 10
	English 11
	English 12
	<u>Honors English 9 ~</u>
	<u>Honors English 10 ~</u>
	<u>AP English/Language Composition (11th Grade)</u>
	<u>AP English/Literature Composition (12th Grade)</u>

MATHEMATICS (3 YEARS REQUIRED, 4 YEARS RECOMMENDED)	
C	Integrated Math 1
	Integrated Math 2
	<u>Integrated Math 2 Honors</u>
	Integrated Math 3
	<u>Integrated Math 3 Honors</u>
	Transition to College Math and Statistics
	<u>AP Calculus AB</u>
	Pre Calculus

LABORATORY SCIENCE (2 YEARS MINIMUM, 3-4 YEARS RECOMMENDED)					
D	Biology	Chemistry	<u>AP Chemistry</u>	CSU ONLY	Earth Science
	<u>AP Biology</u>	Physics	<u>AP Physics</u>		Agriculture Earth Science
	Sustainable Agriculture	Ag/Soil Chem	Agri System Manag.		

FOREIGN LANGUAGE (2 YEARS REQUIRED, 3-4 YEARS RECOMMENDED)	
E	Spanish 1
	Spanish 2
	<u>Honors Spanish 3</u>
	<u>Honors Spanish 4</u>

VISUAL AND PERFORMING ARTS (1 YEAR)			
F	Art 1, 2, 3 & 4	The Art/Hist of Floral Design 1 & 2	Drama Productions
	<u>AP Studio Art (2D Design)</u>	Ceramics 1 & 2	Yearbook Production~
	<u>AP Studio Art (Drawing)</u>	Applied Photography 1, 2 & 3	Graphics/Digital Marketing~
	Chorus	Theater Arts	Graphics I~

ELECTIVE COURSES (1 YEAR)				
G	(all courses under A-F plus the following)			
	Ag Earth Science	Marketing~	Economics	Personal Fin. Lit.~
	Earth Science	Psychology	<u>Honors Economics~</u>	Pro Comms & Tec~
	Sustainable Agriculture*	BITA 1, 2, 3 & 4	Accounting I & II~	FBLA Leadership~

NOTE: Only the above underlined courses will be assigned extra honors credits: A=5, B=4, B=3  
 MUST MAINTAIN "C" OR BETTER IN COURSES TAKEN. AP courses will only get the AP/Honors credit if the AP Exam for that course is taken.  
 \* Can be used as a 3rd or 4th year laboratory science  
 ~Pending Approval

# COLLEGE/UNIVERSITY ADMISSION REQUIREMENTS

Our philosophy at Sutter Union High School is that students should develop a workable plan for post high school education and training. This plan should lead students from school to the world of work. Options include:

1. Apprenticeships and internships
2. Community College programs
3. Career and Technical Education (CTE)
4. Independent technical or vocational schools
5. Military training
6. 2 year college transfer program
7. Public or private 4 year colleges or universities

Sutter Union High School courses are designed to prepare students for the transition from high school to further training or education and ultimately, their careers. Students may choose technical careers available today which can also prepare them for college. CTE courses can prepare students to enter the world of work with entry level skills.

On Page 4 you will find a general four-year plan with minimum graduation requirements identified. Below it is space for you to work out your plan. Based on individual career plans, students should select appropriate courses to meet their choice in addition to meeting the graduation requirements. Students are strongly encouraged to visit the SUHS Counseling and Career Center to continue exploring career options and to learn more about what training or education is needed to prepare for their chosen career.

**COMMUNITY COLLEGE** — admission requirements are graduation from high school, or a minimum age of 18 years, or passing the California High School Proficiency Exam.

**PRIVATE AND OUT OF STATE COLLEGES** — admission requirements are similar to the CSU and UC systems. Students should contact individual institutions to confirm specific requirements.

**CALIFORNIA STATE UNIVERSITY (CSU)** — admission requirements include:

1. Grade point average based only on high school subject requirements “A-G” (listed below). All courses must be passed with a C grade or better.
2. Test scores on either SAT or ACT
3. High school subjects required:
  - “A” One year of World Studies
  - “A” One year of U.S. History/American Government
  - “B” Four years of English
  - “C” Three years of Mathematics (including Integrated Mathematics 3)
  - “D” 2 years of Lab Science (Phys. Science/Earth Science & Biology)
  - “E” Two years of the same World Language
  - “F” One year of Visual and Performing Arts
  - “G” 1 year of College Preparatory elective

**UNIVERSITY OF CALIFORNIA (UC)**— admission requirements include:

1. Grade point average based only on high school subject requirements “A-G” (listed below). All courses must be passed with a C grade or better.
2. Test scores on either SAT or ACT & SAT subject tests based on major and university applying to.
3. High school subjects required:
  - “A” One year of World Studies
  - “A” One year of U.S. History/American Government
  - “B” Four years of English
  - “C” Three years of Mathematics (including Integrated Mathematics 3)
  - “D” 2 years of Lab Science (Biology and Chemistry or Physics)
  - “E” Two years of the same World Language (3 recommended)
  - “F” One year of Visual and Performing Arts
  - “G” 1 year College of Preparatory elective

<https://doorways.ucop.edu/list/index.htm>

*Type in Sutter Union High School to see the Sutter High School College A-G college preparatory course list*

# CAREER and TECHNICAL EDUCATION (CTE)

Career and Technical Education has risen on the educational radar in the past decade, transforming itself from a college alternative into a new kind of college pathway. Many programs now focus on areas typically associated with associate or bachelor's degrees, such as engineering or business. Because Career and Technical Education classes of all kinds are increasingly seen as roads to additional study after high school, they are meant to be more academically rigorous than those of a previous generation. Sutter Union High School aims to keep the doors to college open by offering rigorous college-prep classes for CTE students, while also providing them with hands-on learning that lets them apply academics to real-world problems, like designing and building a garden shed in our Residential and Commercial Construction Pathway. Sutter Union High School offers students the opportunity to be certified program completers in many areas of the Career and Technical Education Sectors.

\*Any of the below courses can be a stand alone course but it is recommended to follow the pathway provided. All pathways are in order of introduction, concentration and completion courses and must be taken in sequential order to receive a certificate.

## **Agricultural Mechanics**

- Introduction to Agriculture Mechanics or Pre-Ag Shop
- Agriculture Mechanics 1
- Farm Equipment and Metal Fabrication

## **Agriscience**

- Agriculture Science I
- Agriculture Earth Science
- Agriculture Science II/ Agriculture Leadership

## **Sustainable Agriculture**

- Sustainable Agriculture
- Agriculture and Soil Chemistry
- Agriscience Systems Management

## **Animal Science**

- Sustainable Agriculture
- ROP Integrated Animal Science

## **Ornamental Horticulture**

- The Art and History of Floral Design I
- The Art and History of Floral Design II

## **Graphic Design**

- Graphic Communication 1
- Graphic Communication 2
- Graphic Communication 3

## **Animation**

- 3D Animation 1
- 3D Animation 2
- 3D Animation 3

## **Visual/Commercial Art**

- Applied Photography 1
- Applied Photography 2
- Applied Photography 3

## **Cabinetry, Millwork, & Woodworking**

- Construction and Manufacturing Technologies I
- Construction and Manufacturing Technologies II

## **Architectural Design**

- Drafting Technologies 1
- Drafting Technologies 2

## **Engineering Design**

- Drafting Technologies 3
- Drafting Technologies 4

## **Financial Services**

- Pro Comms & Tec
- Personal Financial Literacy
- Accounting I

## **Marketing**

- Pro Comms & Tec
- Marketing
- Yearbook Production

## **Graphics**

- Pro Comms & Tec
- Graphics I
- Graphics/Digital Marketing

## **Residential and Commercial Construction**

- Building Industry Technology Academy 1 (BITA 1)
- Building Industry Technology Academy 2 (BITA 2)
- Building Industry Technology Academy 3 (BITA 3)
- Building Industry Technology Academy 4 (BITA 4)

## **Health Science and Medical Technology (Patient Care)**

- Biology
- ROP Sports Medicine I
- ROP Advanced Sports Medicine



## NCAA ELIGIBILITY CENTER

The NCAA Eligibility Center certifies whether prospective college athletes are eligible to play sports at NCAA Division I or II institutions. Athletes must register with the NCAA Eligibility Center, creating an online profile and sending in the appropriate documentation to prove they meet the eligibility requirements. The NCAA reviews the student-athlete's academic record, SAT or ACT scores, and amateur status to ensure conformity with NCAA rules. To play sports at an NCAA Division I or II institution, the student must:

- Complete a certain number of high school core courses.
- Earn a certain minimum grade point average in these core courses.
- Earn a certain minimum score on the SAT or ACT.
- Graduate from high school.

[www.eligibilitycenter.org](http://www.eligibilitycenter.org)

\* See website for registration and eligibility information

## NAIA ELIGIBILITY CENTER

The NAIA Eligibility Center is responsible for ensuring student-athletes are academically eligible to compete at its member schools. Athletes must register with the NAIA Eligibility Center, creating an online profile and sending in the appropriate documentation to prove they meet the eligibility requirements. It is recommended that recruits create their NAIA profile right after their junior year of high school.

To be academically eligible, the eligibility center requires that incoming freshmen meet two of the following three criteria.

- Achieve a minimum of 18 on the ACT or 970 on the SAT
- Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale
- Graduate in the top half of their high school class

[www.naia.org](http://www.naia.org)

\* See website for registration and eligibility information

# AGRICULTURE

## Agriculture and Natural Resources CTE Pathways

### Agricultural Mechanics

- Introduction to Agriculture Mechanics or Pre-Ag Shop
- Agriculture Mechanics 1
- Farm Equipment and Metal Fabrication

### Agriscience

- Agriculture Science 1
- Agriculture Earth Science
- Agriculture Science II/ Agricultural Leadership

### Sustainable Agriculture \*sub sector under Agriscience

- Sustainable Agriculture
- Agriculture and Soil Chemistry
- Agriscience Systems Management

### Animal Science

- Sustainable Agriculture
- ROP Integrated Animal Science (see ROP courses for description)

### Ornamental Horticulture

- Art History and Floral Design 1
- Art History and Floral Design 2

## AGRICULTURE SCIENCE I

### GRADES: 9-12

#### *Prerequisite: None*

Agriculture Science I is designed to introduce students to the wide variety of interest areas in the field of agriculture. Areas to be covered will include careers and opportunities in agriculture, FFA Record Books, animals, plant science, weeds, insects, parliamentary procedures and California Agriculture. All students are required to have a project and attend 6 FFA activities per semester

## AGRICULTURAL EARTH SCIENCE

### GRADES: 9-12

*Prerequisite: Currently enrolled in Integrated Math 1 or 1A and reading at a 9th grade level. Agriculture Science 1 is a prerequisite for the CTE Agriscience pathway*

Earth science is the name for the groups of sciences that deal with the earth and its neighbors in space. Topics that will be covered are: earth's place in the universe, dynamic earth processes, energy in the earth system, biogeochemical cycles, structure and composition of the atmosphere, and California geology. Topics to be discussed include geology and soils, weather and climate, energy resources, and natural resources. Students are required to keep a record book, have a project, and attend 6 FFA activities per semester. This course meets at least one of the California State University "A-G" requirements.

## AGRICULTURE SCIENCE II / AGRICULTURE LEADERSHIP

### GRADES: 10-12

*Prerequisite: None. Agriculture Science 1 and Agriculture Earth Science are prerequisites for CTE Agriscience pathway*

The leadership portion of this course is for Sutter FFA officers and members and will enable students to develop the knowledge, attitudes, and skills to demonstrate positive leadership for agriculture. Areas of focus include public speaking, extemporaneous speaking, impromptu speaking, written communication, meeting people, good first impressions, personal goals, team work, team/organizational goals, organizing groups to take action and evaluation of team/organizational actions. The Agriscience portion of the course will give students a more specific look at Agriculture. Areas to be covered will include animal science, plant science, agribusiness skills. Leadership and communication skills are required for individual success in all agricultural careers. Students are required to maintain an FFA Record Book and attend 6 FFA activities per semester.

## SUSTAINABLE AGRICULTURE

### GRADES: 9-12

*Prerequisite: Pass Earth Science or Agriculture Earth Science with a B or better. Must be currently enrolled in Integrated Math 1 or above. Freshmen may enroll in Sustainable Agriculture if planning to complete the Sustainable Agriculture or Animal Science Pathway and with counselor permission.*

Sustainable Agriculture is a one year course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major sections, or units, each with a guiding question. Unit one addresses the question, what is sustainable agriculture? Unit two, how sustainable agriculture fits into our environment? Unit three, what molecular biology principles guide sustainable agriculture? Unit four, how do we make decisions to maximize sustainable agricultural practices within a functioning ecosystem? Within each unit specific life science principles will be identified with agricultural principles and practices guiding the acquisition of this knowledge. Students are required to maintain an FFA Record Book and attend 6 FFA activities per semester. This course meets at least one of the California State University "A-G" requirements.

## AGRICULTURE AND SOIL CHEMISTRY

### GRADE LEVEL: 10-12

*Prerequisite: Earn a grade of C or better in Integrated Math 1 and Biology or Sustainable Agriculture. Must also be enrolled in Integrated Math 2 or above. Sustainable Agriculture is a prerequisite for CTE Sustainable Agriculture pathway.*

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. Students will investigate, test an Agriscience research question,

conduct an experiment, collect quantitative data, and ultimately form a conclusion based on the data. The resulting paper will be based on scientific protocol and cited using APA formatting. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. Students will be graded on participation in intercurricular FFA activities as well as maintaining an ongoing Supervised Agricultural Experience (SAE) program. This course meets at least one of the California State University "A-G" requirements.

### **AGRISCIENCE SYSTEMS MANAGEMENT (Honors)**

**GRADE LEVEL: 11-12**

***Prerequisite: Agriculture and Soil Chemistry or Chemistry. Sustainable Agriculture and Agriculture and Soil Chemistry are prerequisites for CTE Sustainable Agriculture pathway.***

This integrated course combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students will connect the products created in this course with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events. Throughout the course, students will be graded on participation in FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. This course in an honors course, grades are calculated based on the honors A=5 scale. This course meets at least one of the California State University "A-G" requirements.

### **PRE-AGRICULTURE SHOP**

**GRADES: 9-12**

***Prerequisite: None***

Pre-Agriculture shop is designed for individuals without basic shop skills. Units to be covered include shop safety procedures, identification and use of hand tools. As well as Intarsia, welding, electrical, rope tying, tractor driving, plumbing, and other basic shop topics. Students are required to have a project, keep an FFA Record Book, and attend 6 FFA activities per semester. There is a \$10 per semester lab fee.

### **INTRODUCTION TO AGRICULTURE MECHANICS**

**GRADES: 9-10**

***Prerequisite: None***

Introduction to Engineering & Manufacturing is a yearlong Agricultural / Industrial Technology course designed to introduce students to three industrial occupations. Students will complete six weeks of Drafting Technology, twelve weeks of Wood Technology and a semester of Agriculture Mechanics. Each subject is taught through hands-on demonstration type instruction. Equipment use, shop safety, and an

employable professional work ethic are highly stressed. Drafting Technology will focus on Technical Drawing used by Engineering and Manufacturing to communicate product information. Wood Technology will teach the safe use of machine power tools and wood finishing techniques through the construction of projects. Agriculture Mechanics is an introductory course covering arc welding, oxyacetylene welding, and proper hand tool operation through the construction of projects. Students are required to keep an FFA Record Book, have a project, and attend 6 FFA or professional development activities per semester. There is a \$10 per semester lab fee for this course.

### **AGRICULTURE MECHANICS 1**

**GRADES: 10-12**

***Prerequisite: Introduction Agriculture Mechanics or Pre-Agriculture Shop.***

Agriculture Mechanics 1 focuses on the development of welding and fabrication skills. It is designed to introduce metal working concepts for the beginning student and increase basic skills for all students in preparation for the advanced Farm Equipment & Metal Fabrication class. In the first semester, students will develop skills in welding processes including: gas metal arc welding (MIG), shielded metal arc welding (Stick), and oxyacetylene welding. Students will also learn oxyacetylene and plasma cutting. In the second semester, students will apply and advance their electrical, plumbing, and wood working skills that they learned in Introduction to Agriculture Mechanics or Pre-Agriculture Shop, through a series of guided projects. Students are required to keep an FFA Record Book, have a project, and attend 6 FFA or professional development activities per semester. There is a \$10 per semester lab fee.

### **FARM EQUIPMENT AND METAL FABRICATION**

**GRADES: 11-12**

***Prerequisite: Introduction to Agriculture Mechanics.***

***Introduction to Agriculture Mechanics or Pre-Agriculture Shop and Agriculture Mechanics I are prerequisites for the CTE Agriculture Mechanics pathway***

Students will learn to repair and maintain various welding/fabrication equipment. Students will be trained in farm equipment safety and maintenance. Work ethic in a professional environment will be stressed. Students will be tested through a variety of welding tests, based on their skill level. Other areas that are emphasized; estimating costs & quantities, planning, and drawing projects. Students will be required to have a project, keep an FFA Record Book, and participate in 6 professional development activities per semester. A \$10 per semester lab fee is required.

### **THE ART AND HISTORY OF FLORAL DESIGN 1**

**GRADES: 10-12**

***Prerequisite: None***

The Art and History of Floral Design provides an introduction to artistic and creative perception including aesthetic valuing through a series of projects in various media including tempura, pencil, and flowers. Students are also introduced to the elements and principles of

visual art design such as line, shape/form, color, balance, and emphasis using a series of floral-based projects to explore connections, relations, and application to visual design. Students are required to keep an FFA Record Book, have a project, and attend 6 FFA activities per semester. There is a \$10 per semester lab fee. This course meets at least one of the California State University "A-G" requirements.

## **THE ART AND HISTORY OF FLORAL DESIGN 2 GRADES: 11-12**

**Prerequisite:** *The Art and History of Floral Design 1*

The second year of Floral Design is geared to the students who want to continue developing their skills in floral design. Students will continue to use the principles of design to create more expensive and complex arrangements. Students are required to keep an FFA Record Book, have a project and attend 6 FFA Activities per semester. There is a \$10 per semester lab fee. This course meets at least one of the California State University "A-G" requirements.

## **BUSINESS**

### **Business and Finance CTE Pathway**

Financial Services

- Pro Comms & Tec
- Personal Financial Literacy
- Accounting I

### **Marketing, Sales and Services CTE Pathway**

Marketing

- Pro Comms & Tec
- Marketing
- Yearbook Production

### **Arts, Media and Entertainment CTE Pathways**

Graphic Design

- Pro Comms & Tec
- Graphics I
- Graphics/Digital Marketing

Animation

- 3D Animation 1
- 3D Animation 2
- 3D Animation 3

### **FBLA LEADERSHIP**

**GRADES: 10-12**

**Prerequisite:** *Pro Comms & Tec*

The purpose of this course is to teach leadership skills, problem solving, decision making, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes based on the Program of Work developed by the Executive team. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **YEARBOOK PRODUCTION**

**GRADES: 9-12**

**Prerequisite:** *Grade B or above in English and Pro Comms & Tec and consent of the instructor. Pro Comms & Tec and Marketing are prerequisites for the CTE Marketing pathway. \*Freshman will be required to submit a resume and have prior experience.*

Yearbook is a year-long course designed to have students understand the role of visual art and design, and its impact on society and culture, particularly in publication mediums. This course has the unique opportunity to create the only complete student-produced record of Sutter Union High School: The Gold and White Yearbook. The student staff, under the guidance of the faculty adviser, will be responsible for all facets of the book's production, including finance, sales, distribution, page layout and design, story and caption writing, and photography. Instruction in the areas of graphics design, copywriting, photojournalism, interviewing techniques, and time management are included. The assignments in this course will demonstrate a student's ability to apply principles of design and effectively communicate their message. Assignments will also have students process, respond to, and critique design works using their knowledge of the elements of art and design. Membership on a student-led publication is highly valued by colleges and students who are willing to make a commitment toward excellence, hard work, and school spirit will find membership on the yearbook staff challenging and rewarding. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **PROFESSIONAL COMMUNICATIONS & TECHNOLOGY (1 Semester Course)**

**GRADES: 9-12**

**Prerequisite:** *None*

Skills learned in this course provide a foundation for success in high school and in "the real world." This course provides hands-on introduction to business technology used for professional communication. Topics include communication through digital documents, presentations, data computation and presentation, as well as how we represent ourselves through digital technology. This course applies the principles of ethical and effective communication in the creation of business letters, memos, emails, as well as written and oral reports for a variety of real-world situations. The major purpose of this course is to prepare students for communication in the ever-changing global environment. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **PERSONAL FINANCIAL LITERACY**

**GRADES: 10-12**

**Prerequisite:** *None. Pro Comms & Tec is a prerequisite for the CTE Financial Services pathway.*

Money matters! Students will begin to develop the skills and strategies that promote personal and financial responsibility. Effective money management is a disciplined behavior. It is difficult to master, and much easier when learned earlier in life. This course will start students on a path toward being in control of their financial futures. Six broad topics will be the foundation of the course: Employment & Income (career/college

planning); Spending & Saving, Credit & Debt; Investing; Risk Management and Insurance; Financial Decision Making. Students have the opportunity to earn Personal Financial Literacy Certification recognized by the Texas Tech University Center for Financial Responsibility as part of final exam. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **ACCOUNTING I**

**GRADES: 10-12**

***Prerequisite: None. Pro Comms & Tec and Personal Financial Literacy are prerequisites for the CTE Financial Services pathway***

The language of business! This is a job skills course that is designed to prepare the student for entry level work in accounting. It is also applicable for those planning college coursework in business. It is essential for any student who has always dreamed of owning a business. Upon completion of the course, students will have a working knowledge of the complete accounting cycle for service and merchandising businesses including payroll. Students will also use spreadsheet software and will be introduced to computerized accounting. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **ACCOUNTING II**

**GRADES: 11-12**

***Prerequisite: Accounting I. Pro Comms & Tec, Personal Financial Literacy and Accounting I are prerequisites for the CTE Financial Services pathway***

Accounting II is a second-year accounting course designed to reinforce and enhance accounting principles and concepts introduced in the first-year accounting course. In addition, Accounting II covers a manual and computerized accounting cycle for a corporation. Several manual and computerized simulations will also be covered emphasizing individualized and cooperative learning among students. Students will be encouraged to seek internships during the second semester. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **MARKETING**

**GRADES: 10-12**

***Prerequisite: Pro Comms & Tec***

Marketing education courses provide students with knowledge and skills that are highly transferable and will last a lifetime. This course will teach students the fundamentals of business and marketing. The course will focus on current topics in business and marketing including the 4 P's: Product, Price, Place and Promotion. The course also includes topics on retail sales, business presentations, management, entrepreneurship, ethics, career exploration and business marketing plans. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **GRAPHICS I**

**GRADES: 10-12**

***Prerequisite: Pro Comms & Tec***

This is a pre-employment program in arts and communications which include theory and applied learning as students relate to all phases of commercial art, printing and photography. Students will create digital photography and art work using digital cameras, scanners, and software such as Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Students will also create and edit video using Adobe Premiere. Students will be committed to lifelong learning as they grow individually, participate in groups, think analytically, create artistic products, and contribute to production of a major project. There is a \$10 per semester lab fee for this course. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **GRAPHIC/DIGITAL MARKETING**

**GRADES: 11-12**

***Prerequisite: Graphics I. Pro Comms and Tec and Graphics I are prerequisites for the CTE Graphics pathway.***

This year-long course is a study in contemporary media. The course is structured around projects emphasizing the art elements of line, shape, color, and texture. This course will introduce students to the principles of design including rhythm, balance, proportion, emphasis, unity, and variety. Students will create digital photography and art work using digital cameras, scanners, and software such as Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Video editing will also be featured using Adobe Premier. Students will develop an appreciation and understanding of traditional artistic expression as well as the role of contemporary media as a verbal and visual means of communicating in today's society. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **3-D ANIMATION 1**

**GRADES: 10-12**

***Prerequisite: None. Note: Graphics and/or Art classes will be very helpful***

This is an exciting and challenging course designed to inspire the creative use of graphics, illustration, motion and strategy. Using NewTek's 3D LightWave, and Adobe Photoshop, students will create dazzling forms and animate them. LightWave is used in architecture, game development, animation, and movies such as Avatar, Toy Story II and Holes. LightWave is the most complete professional tool set in the industry used by designers and artists from one-person-shops to Hollywood special effects titans with hundreds of animators on staff. Animation will include drawing, structure, storyboards, scripts, character design, organic shapes, elements of a scene, surfacing, lighting, and animation. Students will produce an animated project. Students will print an object using a 3D printer. There is a \$10 per semester lab fee for this course.

### **3-D ANIMATION 2**

**GRADES: 11-12**

**Prerequisite: 3-D Animation 1**

Second year students will further their skills in 3D animation with the ability to further their study in specialized areas such as modeling, texturing, lighting, rigging, and compositing. Students will work independently on specialized projects to further their skills in the specialization of their choice. Students will print an object using a 3D printer.

### **3-D ANIMATION 3**

**GRADES: 12**

**Prerequisite: 3-D Animation 2**

Third year 3D students will concentrate on developing useful projects using 3D LightWave software. Students will develop modeled objects, animated scenes, and composited scenes with special effects. Students will develop their skill at making objects look real and will create a short animated story of their own through the use of a 3D printer.

## **ENGLISH**

### **ENGLISH 9**

**GRADE: 9**

**Prerequisite: None**

Using a variety of texts from Holt Literature and Language Arts as well as informational texts from magazines, newspapers, and online resources, students will study and write paragraphs, essays, and speeches and analyze literature that includes poetry, short stories, drama, and a novel. Grammar-based vocabulary, reading, and writing exercises, in concert with rigorous CSU-designed expository reading and writing modules, will provide foundational critical thinking skills to prepare students for success in high school and beyond. The Toastmaster's Youth Leadership Program provides weekly public speaking experience. Many assignments will be completed in class, but homework may occur throughout the week. Outside reading is required. This course meets at least one of the California State University "A-G" requirements.

### **HONORS ENGLISH 9**

**GRADE: 9**

**Prerequisite: B or better in prior english equivalent class and teacher recommendation.**

This course is designed to engage students in critical reading, thinking, and writing from a variety of perspectives and is intended for college-bound students, or students who plan to continue with the AP English Program. The course will include an in-depth study of works from various time periods with attention to both the literary artistry and the social/historical values established in each piece. Students will be encouraged to develop close reading skills through plays, short stories, nonfiction text, and poetry, in order to provide a deeper understanding and analysis of the work.

Writing will be frequent and will focus on the critical analysis of literature through development, organization, and language. Encouraging creativity and abstract thinking, students will also produce narrative, informational, and argumentative writing samples.

Vocabulary will be emphasized to improve college readiness and communication. Students will read such works as *The Alchemist*, *Of Mice and Men*, *Romeo and Juliet* and/or *The Merchant of Venice*. Daily homework is expected and extracurricular reading will include one book per semester, to include *Lord of the Flies* or *Having Our Say*. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

### **ENGLISH 10**

**GRADE: 10**

**Prerequisite: English 9 or Honors English 9**

Using the *Holt Literature and Language Arts* and *Holt Handbook* to master the California Standards, students will continue to focus on strengthening skills needed to comprehend, analyze and evaluate works of literature. A variety of short stories and informational text will be used to guide literary response and analysis. Writing applications, as well as speaking and listening skills, will be used in the development of essays and speeches. Students will demonstrate control of language conventions through lessons in grammar and sentence structure. Many assignments will be completed in class, but homework may occur throughout the week, including vocabulary. This course meets at least one of the California State University "A-G" requirements.

### **HONORS ENGLISH 10**

**GRADE: 10**

**Prerequisite: Satisfactory grade in Honors English 9 of a "B" or better or grade of "A" or "B" in English 9 and instructor recommendation**

This course is designed to extend the students critical thinking skills, as well as perfect the writing skills established in Honors English 9. The Honors 10 course will engage the students through both rhetorical and analytical analysis of poems, plays, short stories, and nonfiction. Speaking and listening skills will be developed through projects, literary discussions, and debates. This course is designed to bridge students to junior and senior AP courses.

Writing will continue to be frequent and will focus on the critical analysis of literature, while continuing to develop creative thinking through projects and presentations. The CSU-designed ERWC (Expository Reading and Writing Course) modules will include critical thinking, analysis, and synthesis for the argumentative essay. The second semester grading rubric for essays is based on the EAP (Early Assessment Program) college-readiness rubric. All ERWC modules include informational texts that convey factual information from a variety of sources such as magazines, newspapers, and the Internet. Vocabulary will be emphasized to improve college readiness and communication. Extracurricular reading will include one book per semester to include *To Kill a Mockingbird* and *A Thousand Splendid Suns*. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

## ENGLISH 11

### GRADE: 11

#### ***Prerequisite: English 10 or Honors English 10***

This course is designed around inquiry-based writing units based in American literature, as well as other current texts and themes. Through these analytical investigations, students will prepare for future studies and learn what they need to be ready for their next step after high school: college, career, or the military. The course will emphasize “The Academic Essentials”: communicating, reading, learning, and thinking. To accomplish these goals, we will be using Google Docs and turnitin.com, among other online programs and technology. Texts include the Holt Literature and Language Arts series: Textbook and Interactive Reader (IR); a wide range of non-fiction texts on varying subjects; Expository Reading and Writing Course (ERWC) units; and *The Crucible*, *My Antonia*, *The Great Gatsby*, and *The Grapes of Wrath*. Expect some homework each week, primarily independent reading and outside-of-class writing. This course meets at least one of the California State University “A-G” requirements.

## ADVANCED PLACEMENT ENGLISH 11 *AP ENGLISH LANGUAGE COMPOSITION*

### GRADE: 11

#### ***Prerequisite: Excellent attendance, application & transcript, and teacher recommendation. - Summer reading required***

AP Language and Composition English 11 is a college level course with rigorous curriculum designed to engage students in developing skills through the process of close reading, writing, and discussing texts. Students will learn to respond personally and reflectively to a range of literature, focusing primarily on nonfiction literature, and will learn to compose for different audiences and purposes. They will recognize the cultural context of language, both past and present, especially understanding the various conventions within language that reflect the content. They will learn to independently analyze, summarize, and interpret the works they encounter, expressing their responses in creative and expository writing, as well as a variety of oral presentations. Students will develop a writing process which includes knowledge and strategies needed to edit their own and others’ work in peer critiques. Literary structures and conventions will be identified, and students will learn to effectively use them in their own writing. Daily homework is expected. Expectations are high and deadlines are firm.

\*All Advanced Placement courses are taught with college level guidelines. In some AP classes, work will be required over summer breaks and weekends. While AP students are not required to take the AP Exam, only those who attempt the AP Exam will receive AP/ Honors Scale grading. Taking these courses does not guarantee that you will pass the AP exam given by the College Board.

This course meets at least one of the California State University “A-G” requirements.

## ENGLISH 12

### GRADE: 12

#### ***Prerequisite: English 11 or English 11 Honors***

Students will strengthen their academic skills through lessons in grammar and vocabulary. Strategies will include modules from the CSU Expository Reading and Writing Course, which will fulfill the reading, writing, and critical thinking expectations for college and career readiness. Outside reading will be required. A variety of texts, such as poetry, excerpts of novels, short stories, and plays will be used to strengthen analysis and critical thinking skills. This course meets at least one of the California State University “A-G” requirements.

## ADVANCED PLACEMENT ENGLISH 12 *AP ENGLISH LITERATURE COMPOSITION*

### GRADE: 12

#### ***Prerequisite: Excellent attendance, application & transcript, and teacher recommendation. - Summer reading required***

AP Literature and Composition English 12 is a college-level course designed to develop accurate, perceptive reading through close study of major British, American, and classical texts representing various literary genres. Students will learn to respond personally and reflectively to a wide range of literature. They will learn to independently analyze and interpret the works they encounter, expressing their responses in a fluent, precise writing style, as well as a variety of oral presentations. Students will identify literary structures and conventions and effectively use them in their own writing. Students will generate independent, thoughtful, and analytical disclosure during class discussions. Daily homework is expected. Expectations are high and deadlines are firm. \*All Advanced Placement courses are taught with college level guidelines. In some AP classes, work will be required over summer breaks and weekends. While AP students are not required to take the AP Exam, only those who attempt the AP Exam will receive AP/ Honors Scale grading. Taking these courses does not guarantee that you will pass the AP exam given by the College Board.

This course meets at least one of the California State University “A-G” requirements.

## ENGLISH LANGUAGE DEVELOPMENT 1

### GRADES: 9-12

#### ***\*Via teacher recommendation***

This is a beginning English reading course for students whose first language is not English. Students will develop reading skills in four areas: word analysis, fluency and vocabulary, comprehension, and basic literary analysis and response. Students in this course study aspects of English language structure and writing with a focus on literacy tasks that students encounter in academic courses. Instruction is guided by language skills outlined in the California ELD Standards. Rigorous writing tasks are the framework for the exploration and practice of advanced grammar skills related to expository and narrative writing. This is a stand-alone course that is not linked to the student’s grade-appropriate English language arts course. Students are placed in this course depending upon their level of fluency in English as measured by assessments administered prior to a student’s arrival at this school and throughout the current year.

## ENGLISH LANGUAGE DEVELOPMENT 2 GRADES: 9-12

### **\*Via teacher recommendation**

ELD 2 is a course designed for students whose primary language is not English but who are close to being considered fluent in English as measured on assessments taken throughout the year. Students work on gaining academic vocabulary, various ways of speaking both socially and academically and complete written, multi-paragraph responses with correct grammar. Students will work toward reclassification as a Fluent English Proficient student in this course. This is a stand-alone course that is not linked to the student's grade-appropriate English language arts class. Students are placed in this course depending upon their level of fluency in English as measured by assessments administered prior to a student's arrival at this school and throughout the current year.

## INDUSTRIAL TECHNOLOGY

### **Building and Constuction Trades CTE Pathways**

Cabinetry, Millwork, & Woodworking

- Construction and Manufacturing Technologies 1
- Construction and Manufacturing Technologies 2
- Construction and Manufacturing Technologies 3

Residential and Commercial Construction

- Building Industry Technology Academy 1 (BITA 1)
- Building Industry Technology Academy 2 (BITA 2)
- Building Industry Technology Academy 3 (BITA 3)
- Building Industry Technology Academy 4 (BITA 4)

### **Engineering and Architecture CTE Pathways**

Architectural Design

- Drafting Technologies 1
- Drafting Technologies 2

Engineering Design

- Drafting Technologies 3
- Drafting Technologies 4

### **Agriculture and Natural Resources CTE Pathways**

Agricultural Mechanics

- Introduction to Agriculture Mechanics or Pre-Ag Shop
- Agriculture Mechanics 1
- Farm Equipment and Metal Fabrication

## INTRODUCTION TO AGRICULTURE

### **MECHANICS**

**GRADES: 9-10**

***Prerequisite: None***

Introduction to Engineering & Manufacturing is a yearlong Agricultural / Industrial Technology course designed to introduce students to three industrial occupations. Students will complete six weeks of Drafting Technology, twelve weeks of Wood Technology and a semester of Ag Mechanics. Each subject is taught through hands-on demonstration type instruction. Equipment use, shop safety, and an employable professional work ethic are highly stressed. Drafting Technology will focus on Technical Drawing used by

Engineering and Manufacturing to communicate product information. Wood Technology will teach the safe use of machine power tools and wood finishing techniques through the construction of projects. Ag Mechanics is an introductory course covering arc welding, oxyacetylene welding, and proper hand tool operation through the construction of projects. Students are required to keep an FFA Record Book, have a project, and attend 6 FFA or professional development activities per semester. There is a \$10 per semester lab fee for this course.

## AGRICULTURE MECHANICS 1

**GRADES: 10-12**

***Prerequisite: Introduction Agriculture Mechanics or Pre-Agriculture Shop.***

Agriculture Mechanics 1 focuses on the development of welding and fabrication skills. It is designed to introduce metal working concepts for the beginning student and increase basic skills for all students in preparation for the advanced Farm Equipment & Metal Fabrication class. In the first semester, students will develop skills in welding processes including: gas metal arc welding (MIG), shielded metal arc welding (Stick), and oxyacetylene welding. Students will also learn oxyacetylene and plasma cutting. In the second semester, students will apply and advance their electrical, plumbing, and wood working skills that they learned in Introduction to Agriculture Mechanics or Pre- Ag Shop, through a series of guided projects. Students are required to keep an FFA Record Book, have a project, and attend 6 FFA or professional development activities per semester. There is a \$10 per semester lab fee.

## FARM EQUIPMENT AND METAL FABRICATION

**GRADES: 11-12**

***Prerequisite: Introduction to Agriculture Mechanics.***

***Introduction to Agriculture Mechanics and Agriculture Mechanics I are prerequisites for the CTE Agriculture Mechanics pathway***

Students will learn to repair and maintain various welding/fabrication equipment. Students will be trained in farm equipment safety and maintenance. Work ethic in a professional environment will be stressed. Students will be tested through a variety of welding tests, based on their skill level. Other areas that are emphasized; estimating costs & quantities, planning, and drawing projects. Students will be required to have a project, keep an FFA Record Book, and participate in 6 professional development activities per semester. A \$10 per semester lab fee is required.

## PRE-AGRICULTURE SHOP

**GRADES: 9-12**

***Prerequisite: None***

Pre-Agriculture shop is designed for students without basic shop skills. Units to be covered include shop safety procedures, identification and use of hand tools. As well as Intarsia, welding, electrical, rope tying, tractor driving, plumbing, and other basic shop topics. Students are required to have a project, keep an FFA Record Book, and attend 6 FFA activities per semester. There is a \$10 per semester lab fee..



## **BITA ONE – FOUNDATION OF RESIDENTIAL AND COMMERCIAL CONSTRUCTION**

**Grades 9-12**

**Prerequisite: None**

This course is designed to teach basic skills for the construction trades through a course rich in connections to construction projects. The course covers basic construction math; measurement and scale, blueprint reading, safety, procedural use of hand and power tools. Students acquire these skills through the use of technology and real world application and problem solving. Integrated throughout the course are foundation standards, which include leadership, communication, ethics, interpersonal team skills, critical thinking and other employment skills needed for the 21st century. This course meets at least one of the California State University “A-G” requirements.

## **BITA TWO – STUDY OF MODERN CRAFTSMANSHIP AND INFRASTRUCTURE**

**Grades 10-12**

**Prerequisite: BITA ONE**

This course is designed to gain an in-depth understanding of the history behind construction, materials, and trades in the industry. Students will use primary sources and become construction historians as they construct the advancement of the trades, materials, and tools that are now being used in residential and commercial construction. The course covers a more advanced knowledge of safety, use of hand and power tools, blueprint reading, geometry concepts, and estimating. Students will become immersed in various trades including framing, plumbing and electrical, using construction labs and modules. Upon completion of this course, students will be able to perform the duties of an entry-level building technician with the knowledge of construction codes and general trade-specific terminology.

This course meets at least one of the California State University “A-G” requirements.

## **BITA THREE – ENERGY EFFICIENCY AND INFRASTRUCTURE OF THE FUTURE**

**Grades 11-12**

**Prerequisite: BITA TWO**

This course will identify ways to conserve resources in construction; select alternative tools and tool maintenance for use in green building; identify alternative practices and methods that take natural resources into account; recycle, reduce, or dispose of construction materials. Student will gain an understanding of what sustainability means, what drives it and how it impacts the built environment and recognize relevant national and international policy, legislation and governance issues, and expected future directions. They will also understand the latest evidence and thinking on climate change, energy, water, pollution, waste, biodiversity and efficient use of materials within the built environment and appreciate how businesses are changing in order to address sustainability and explore the risks and opportunities this can bring. Students function in the classroom as a construction company, from initial establishment to project completion. Each student is given a job title and specific responsibilities as they prepare for the Design Build competition. Students

move to full-scale projects and begin preparing for an internship. Students will earn certifications and begin building a portfolio with resumes, certifications, and letters of recommendation, project photos and reports. This course meets at least one of the California State University “A-G” requirements.

## **BITA FOUR – PURSUING YOUR CAREER**

**Grade 12**

**Prerequisite: BITA THREE**

Students move to a higher level of competency and are tasked to complete a capstone project which can include an independent research paper on a question or problem of their choice with the guidance of a faculty mentor, or participate in an internship. Some examples of projects could include designing and building tiny houses for our veterans and homeless, playhouses which are donated to local children’s non-profits, sheds for neighborhoods, dog houses for local rescue organizations, and special projects such as snack shacks and benches for the school campus.

This course meets at least one of the California State University “A-G” requirements.

## **CONSTRUCTION & MANUFACTURING TECHNOLOGIES I, II and III**

**GRADES: 9-12**

**Prerequisite: Year 1; none. Years 2, 3 and 4; successful completion of the previous year with a grade of “C-” or better, or permission of instructor**

This program is designed for students interested in a career in woodworking as a hobby, or career in Manufacturing, Construction, or Engineering. Students will gain information and skill development through the design and manufacturing of wood products. Most instruction is given through demonstration. Equipment use, shop safety, and an employable professional work ethic are highly stressed. There is a \$10 per semester lab fee.

## **DRAFTING TECHNOLOGY 1, 2, 3, 4**

**GRADES: 9-12**

**Prerequisite: Year 1: none. Years 2, 3 and 4: successful completion of the previous year with a grade of “C-” or better, or permission of instructor**

Drafting Technology courses are designed to provide students with entry level information and continued education skill development in the fields of Drafting, Manufacturing, Architecture, and Engineering. Design fundamentals are stressed primarily through the use of Computer Aided Drafting and Design (CADD) technology with limited traditional equipment instruction. A professional work ethic is highly stressed.

**Year 1 – Introduction to Mechanical Drawing;** Mechanical Drawing is a basic course required by most post-secondary Mechanical, Engineering and Manufacturing programs. Students will learn the language of technical drawing and sketching, use and care of traditional drafting equipment, measurement, engineering lettering, geometric construction, Autodesk Inventor, Revit, and AutoCAD software, multi-view drawing, dimensioning, section and auxiliary views, patterns & developments, fasteners, and an introduction to Architectural Design. Students will print an object using a 3D printer.

**Year 2** – Architectural Design; Students will learn the fundamentals of Architectural design by developing a set of CAD generated plans for a single family home. 2D design will be used to develop 3D renderings and a scaled model of the home. Students will print an object using a 3D printer.

**Year 3** – Engineering and Manufacturing Design; Students will develop complex machine parts, assemblies, and drawings using Inventor software. Students will produce a project of their own choosing complete with cost and stress analysis, photo-realistic rendering, and animation. Students will print an object using a 3D printer.

**Year 4** - Advanced CAD: students will learn advanced CAD techniques and commands. Students will study advanced architecture design. Students will write a research paper in the architecture/engineering field of study.

## MATHEMATICS

### INTEGRATED MATHEMATICS 1

**GRADES: 9-12**

*Prerequisite: None*

Integrated Mathematics 1 is the first of three core mathematics courses required for college entrance. The course content covers the mathematical content as described in the Mathematics Framework for California Public Schools Integrated Pathway Model and include the following topics: functions, linear relationships, solving equations, transformations, systems of equations and inequalities, sequences, modeling two-variable data, triangle congruence and inequalities, exponential functions, coordinate geometry, geometric constructions, functions and data. The course emphasizes mathematical reasoning, problem solving, and communication through integration of the various strands and connections with other subject areas and real-life applications, use of technology, and exploratory and group activities. This course meets at least one of the California State University “A-G” requirements.

### INTEGRATED MATHEMATICS 1A AND 1B

**GRADES: 9-12**

*Prerequisite: None*

Integrated Mathematics 1A and 1B are the Integrated Math 1 course split over two years to achieve a slower pace for students who need more time to understand the mathematics. Each of these two courses meet 1 year, or 10 credits, of the Sutter High Math requirement.

### INTEGRATED MATHEMATICS 2

**GRADES: 10-12**

*Prerequisite: Completion of Integrated Mathematics 1 or 1B with a grade of C or better*

Integrated Mathematics 2 is the second of three core mathematics courses required for college entrance. The course content covers the mathematical content as described in the Mathematics Framework for California Public Schools Integrated Pathway Model. The focus of Integrated Mathematics 2 is on quadratic expressions, equations, and functions; comparing their

characteristics and behavior to those of linear and exponential relationships from Mathematics I. 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. The course emphasizes mathematical reasoning, problem solving, and communication through integration of the various strands and connections with other subject areas and real-life applications, use of technology, and exploratory and group activities. This course meets at least one of the California State University “A-G” requirements.

### INTEGRATED MATHEMATICS 2A AND 2B

**GRADES: 10-12**

*Prerequisite: Completion of Integrated Mathematics 1 or 1B with a grade of C or better*

Integrated Mathematics 2A and 2B are the Integrated Math 2 course split over two years to achieve a slower pace for students who need more time to understand the mathematics. Each of these two courses meet 1 year, or 10 credits, of the Sutter High Math requirement.

### INTEGRATED MATHEMATICS 2 HONORS

**GRADES: 10-12**

*Prerequisite: Completion of Integrated Mathematics 1 with a grade of B or better and teacher recommendation*

Integrated Mathematics 2 Honors is the second of three core mathematics courses required for college entrance. The course content covers the mathematical content as described in the Mathematics Framework for California Public Schools Integrated Pathway Model. The focus of Integrated Mathematics 2 is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics I. 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. The course emphasizes mathematical reasoning, problem solving, and communication through integration of the various strands and connections with other subject areas and real-life applications, use of technology, and exploratory and group activities. Honors means each topic will be explored with greater depth and breadth and mastery is expected. Nearly every lesson includes additional questions, investigations and projects. Some samples of additional work are included at the end of each chapter summary. Additional STEM and Pre-calculus standards will also be added to the curriculum. Completion of both Honors Integrated Mathematics 2 and 3 with a B or better and teacher recommendation will allow a student to take AP Calculus their senior year. This course meets at least one of the California State University “A-G” requirements.

## **INTEGRATED MATHEMATICS 3**

**GRADES: 11-12**

***Prerequisite: Completion of Integrated Mathematics 2 or 2B with a grade of C or better***

Integrated Mathematics 3 is the third of three core mathematics courses required for college entrance. The course content covers the mathematical content as described in the Mathematics Framework for California Public Schools Integrated Pathway Model. The focus of Integrated Mathematics 3 is on four critical areas: (1) apply methods from probability and statistics to draw inferences and conclusions from data; (2) expand understanding of functions to include polynomial, rational, and radical functions; (3) expand right triangle trigonometry to include general triangles; and (4) consolidate functions and geometry to create models and solve contextual problems. The course emphasizes mathematical reasoning, problem solving, and communication through integration of the various strands and connections with other subject areas and real-life applications, use of technology, and exploratory and group activities. This course meets at least one of the California State University “A-G” requirements.

## **INTEGRATED MATHEMATICS 3 Honors**

**GRADES: 11-12**

***Prerequisite: Completion of Integrated Mathematics 2 Honors with a grade of B and teacher recommendation***

Integrated Mathematics 3 is the third of three core mathematics courses required for college entrance. The course content covers the mathematical content as described in the Mathematics Framework for California Public Schools Integrated Pathway Model. The focus of Integrated Mathematics 3 is on four critical areas: (1) apply methods from probability and statistics to draw inferences and conclusions from data; (2) expand understanding of functions to include polynomial, rational, and radical functions; (3) expand right triangle trigonometry to include general triangles; and (4) consolidate functions and geometry to create models and solve contextual problems. The course emphasizes mathematical reasoning, problem solving, and communication through integration of the various strands and connections with other subject areas and real-life applications, use of technology, and exploratory and group activities. Honors means each topic will be explored with greater depth and breadth and mastery is expected. Nearly every lesson includes additional questions, investigations and projects. Some samples of additional work are included at the end of each chapter summary. Additional STEM and Pre-calculus standards have also been added to the curriculum. Completion of both Honors Integrated Mathematics 2 and 3 with a B or better and teacher recommendation will allow a student to take AP Calculus their senior year. This course meets at least one of the California State University “A-G” requirements.

## **PRE-CALCULUS**

**GRADES: 11-12**

***Prerequisite: Completion of Integrated Mathematics 3 or Integrated Math 3 Honors with a grade of C or better***

Pre-Calculus is a rigorous preparation for the student who intends to continue the study of mathematics. Students will continue their study of functions (polynomial, rational, trigonometric, exponential and logarithmic) and their graphs. Students will engage in a more in depth study of Trigonometry. Students will also study vectors and parametric equations and be able to use polar coordinates and complex numbers. Students will learn sequences, series, iteration and fractals and be introduced to the concepts of limits, derivatives and integrals. This course meets at least one of the California State University “A-G” requirements.

## **ADVANCED PLACEMENT CALCULUS AB**

**GRADE: 12**

***Prerequisite: Completion of Integrated Mathematics 3 Honors or Pre-Calculus with C or better***

AP Calculus is the study of limits, derivatives and integrals. In this course we will develop conceptual understanding of change through graphic, numeric, algebraic and verbal methods of analysis. Topics include functions, asymptotic and unbounded behavior, and continuity. We will study derivatives, second derivatives, applications of derivatives and computation of derivatives. The study of integrals will include definite integrals, techniques and applications of anti-differentiation, and the fundamental theorem of Calculus.

\*All Advanced Placement courses are taught with college level guidelines. In some AP classes, work will be required over summer breaks and weekends. While AP students are not required to take the AP Exam, only those who attempt the AP Exam will receive AP/ Honors Scale grading. Taking these courses does not guarantee that you will pass the AP exam given by the College Board.

This course meets at least one of the California State University “A-G” requirements.

## **TRANSITION TO COLLEGE MATHEMATICS AND STATISTICS**

**GRADE: 12**

***Prerequisite: Completion of Integrated Mathematics 3, Integrated Math 3 Honors, or Pre-Calculus with a C or better***

This course is an introduction to a variety of topics covered in many college math classes. Topics include statistics and probability, a practical introduction to calculus, logic, finance, and graph theory. This course also reviews algebra skills, preparing students for college math placement tests such as the CSU Entry Level Math test. Students not planning to attend college will also find the topics useful, both in the workplace and in everyday life. This course meets at least one of the California State University “A-G” requirements.

## **ACCOUNTING I**

**GRADES: 10-12**

**Prerequisite: None. Pro Comms & Tec and Personal Financial Literacy if completing the CTE Financial Services pathway**

This is a job skills course that is designed to prepare the student for entry level work in accounting. It is also applicable for those planning college coursework in accounting or business and for those interested for reasons of personal financial management. It is essential for any student who has always dreamed of owning a business. Upon completion of the course, students will have a working knowledge of the complete accounting cycle for service and merchandising businesses. Introduction to *QuickBooks* software is part of the course. As a capstone project, students will write a business plan and start their own “fictitious” business in class. This course is in the process of getting approved to meet at least one of the California State University “A-G” requirements.

## **ACCOUNTING II**

**GRADES: 11-12**

**Prerequisite: Accounting I**

Accounting II is a second-year accounting course designed to reinforce and enhance accounting principles and concepts introduced in the first-year accounting course. In addition, Accounting II covers a manual and computerized accounting cycle for a corporation. Several manual and computerized simulations will also be covered emphasizing individualized and cooperative learning among students. Students will be encouraged to seek internships during the second semester. This course is in the process of getting approved to meet at least one of the California State University “A-G” requirements.

## **PERSONAL FINANCIAL LITERACY**

**GRADES: 10-12**

**Prerequisite: None. Pro Comms & Tec if completing the CTE Financial Services pathway**

Money matters! Students will begin to develop the skills and strategies that promote personal and financial responsibility. Effective money management is a disciplined behavior. It is difficult to master, and much easier when learned earlier in life. This course will start students on a path toward being in control of their financial futures. Six broad topics will be the foundation of the course: Employment & Income (career/college planning); Spending & Saving, Credit & Debt; Investing; Risk Management and Insurance; Financial Decision Making. This course is in the process of getting approved to meet at least one of the California State University “A-G” requirements.

## **OTHER ELECTIVES**

### **PSYCHOLOGY**

**GRADES: 11-12**

**Prerequisite: None**

Have you ever wondered why people do the things they do? Why your friends say the things they say? Psychology—the study of human behavior—just may answer some of those questions for you. In this college preparatory course, you will learn both about the “theory” of psychology and how to apply it to your

life. Some of the topics include personality, emotions, communications, stress, and social problems. Join us for this year-long look at the behavior of yourself and others. This course meets at least one of the California State University “A-G” requirements.

### **HUSKY PACK 101: Student Leadership and Development**

**GRADES: 10-12**

**Prerequisite: Must have excellent attendance and academics.**

Do you ever wonder why Huskies run in packs? This course will help you understand the power of individual and group leadership skills. Pack 101 allows students to learn leadership and team building through active participation in a variety of exercises and school and community projects. Students will have the opportunity to develop and evaluate their own leadership qualities through the creation of skills in communication, organization and managerial skills, character development, goal setting, decision-making, group process, conflict resolution, citizenship and diversity. Students will understand the importance of goal-setting and follow through in this hands-on course. Service learning is an integral part of this class as students develop personal growth, group work, exercises and planning/facilitating various school and community activities with evaluations through feedback and reflection. Students in this class are expected to act as role models on campus by maintaining at least a 2.5 GPA, behaving respectfully in their classes and promoting a positive school environment by having a positive attitude about leadership and school events.

### **STUDENT ASSISTANT**

**GRADES: 11-12**

**Prerequisite: Student must have good attendance**

Students seeking to work as Student Aids may consider the following positions: Teacher Aid, Office Aid, Library Aid, or Counselor Aid. Those who desire to be a Student Aid must first get permission from the teacher before registering for the class. Students may be an aid for only period during the school day.

### **WORK EXPERIENCE**

**GRADES: 11-12**

**CREDITS: Variable - Maximum 10 per semester**

**Prerequisites:**

- A. Must be 16 years of age**
- B. Must have excellent attendance in other classes**
- C. Must have a paid job where learning is taking place (Students may not be employed by their parents)**
- D. Must be covered by Workman’s Compensation and Social Security**
- E. Must be employed by a business which is in compliance with all State and Federal Laws relating to the employment of minors**
- F. Must have written agreements between student, parent, employer and school on file with the Work Experience Coordinator**
- G. Students must meet with Work Experience Coordinator once a week and work on related instruction throughout the semester**

Work Experience is an educational course where students are able to apply the academic and vocational skills they learned in school to the activities on the job. It provides the student real situations where they practice decision making, self-expression, relationships, competition and productivity. Students may enroll in Work Experience any time prior to the beginning of the second quarter (Fall Semester) or prior to the beginning of the fourth quarter (Spring Semester).

### **UNSCHEDULED PERIOD(S)**

**GRADE:** 12

**Prerequisite:** *Must be in good academic standing at SUHS; Have enough credits to graduate; have a good attendance record; get parent approval via course selection page.*

Students may have unscheduled 5th period, 6th period and/or 7th period as part of their day. Students taking less than 7 classes their senior year must have enough credits to complete their senior year per counselor review. Students cannot be on campus during unscheduled periods. Student is responsible for transportation to leave campus during their unscheduled periods.

### **COLLEGE BLOCK 1 or 2 periods**

**GRADES:** 9-12

**Prerequisite:** *Must be in good academic standing at SUHS, have a good attendance record, get SUHS Counselor recommendation via high school recommendation form and prove you are enrolled in courses through a community college.*

Students are able to earn college credit while in high school through:

- Dual Enrollment
- Early College Rediness (ECR)

See counselor for details and to determine if you are eligible for either program.

\*Students will need to check with a community college counselor to see if courses taken transfer to the college of your choosing.

\*Students are responsible for signing up for classes through the community college of their choosing. (depending on program enrolled in)

\*Students cannot be on campus during unscheduled periods and are responsible for transportation to and from campus during these college block class periods. (depending on program enrolled in)

## **PHYSICAL EDUCATION**

### **PHYSICAL EDUCATION**

**GRADES:** 9-12

**Prerequisite:** *None*

This program is designed to give an overview of general sports and recreational activities. Basic skills and rules are taught including a yearlong unit entitled "Fitness for Life," which is designed to teach students the nature of fitness and how to plan a personal fitness program. This

course is designed to meet the needs of freshmen and sophomore boys and girls who are required to enroll in physical education.

### **WEIGHT TRAINING**

**GRADES:** 9-12

**Prerequisite:** *Year 1: none. Years 2 and 3: successful completion of prior year and teacher recommendation.*

This program will stress the principles of strength training and conditioning through various weight, running and jumping activities. Students will be exposed to the necessary technical information to thoroughly understand the most basic elements involved in program organization.

## **SCIENCE**

### **EARTH SCIENCE**

**GRADES:** 9-12

**Prerequisite:** *Currently enrolled in Integrated Math 1 or 1A and reading at a 9th grade level*

Earth Science is the name for the groups of sciences that deals with Earth and its neighbors in space. Topics covered include: physical geology, historical geology, oceanography, meteorology, and astronomy. This course will also look at California's resources and natural hazards to help prepare students for the Science Content Standards for California Public Schools. This course meets at least one of the California State University "A-G" requirements.

### **AGRICULTURAL EARTH SCIENCE**

**GRADES:** 9-12

**Prerequisite:** *Currently enrolled in Integrated Math 1 or 1A and reading at a 9th grade level. Agriculture Science 1 is a prerequisite for the CTE Agriscience pathway*

Earth science is the name for the groups of sciences that deal with the earth and its neighbors in space. Topics that will be covered are: earth's place in the universe, dynamic earth processes, energy in the earth system, biogeochemical cycles, structure and composition of the atmosphere, and California geology. Topics to be discussed include geology and soils, weather and climate, energy resources, and natural resources. Students are required to keep a record book, have a project, and attend 6 FFA activities per semester. This course meets at least one of the California State University "A-G" requirements.

### **AGRICULTURE SCIENCE I**

**GRADES:** 9-12

**Prerequisite:** *None*

Agriculture Science I is designed to introduce students to the wide variety of interest areas in the field of agriculture. Areas to be covered will include careers and opportunities in agriculture, FFA Record Books, animals, plant science, weeds, insects, parliamentary procedures and California Ag. All students are required to have a project and attend 6 FFA activities per semester.

## **AGRICULTURE SCIENCE II / AGRICULTURE LEADERSHIP**

**GRADES: 10-12**

***Prerequisite: None (Agriculture Science 1 recommended) Agriculture Science 1 and Agriculture Earth Science are prerequisites for CTE Agriscience pathway***

The leadership portion of this course is for Sutter FFA officers and members and will enable students to develop the knowledge, attitudes, and skills to demonstrate positive leadership for agriculture. Areas of focus include public speaking, extemporaneous speaking, impromptu speaking, written communication, meeting people, good first impressions, personal goals, team work, team/organizational goals, organizing groups to take action and evaluation of team/organizational actions. The Agriscience portion of the course will give students a more specific look at Agriculture. Areas to be covered will include animal science, plant science, agribusiness skills. Leadership and communication skills are required for individual success in all agricultural careers. Students are required to maintain an FFA Record Book and attend 6 FFA activities per semester.

## **LIFE SCIENCE**

**GRADES: 10-12**

***Prerequisite: Pass Earth Science, or an Agricultural Science***

Students in this course will develop a knowledge in the basic field of study in biological science. Students will investigate the following topics: diversity of life, plant and animal physiology, plant and animal anatomy, reproduction and development, basic genetics, and conservation and ecology.

## **BIOLOGY**

**GRADES: 9-12**

***Prerequisite: Pass Earth Science or Agriculture Earth Science with a B or better. Must be currently enrolled in Integrated Math 1 or above. Freshmen may enroll in Biology with written permission from their 8th grade science instructor and a grade of B or better in prior science equivalent course***

The student will explore the basics of life on earth from a cellular level to a study of complex living systems. Topics covered include: cell physiology, metabolism, photosynthesis, genetics, evolution, plant and animal taxonomy, plant and animal physiology, and ecology. Laboratory work, including dissections, will be an intricate part of the course. This course meets at least one of the California State University "A-G" requirements.

## **SUSTAINABLE AGRICULTURE**

**GRADES: 9-12**

***Prerequisite: Pass Earth Science or Agriculture Earth Science with a B or better. Must be currently enrolled in Integrated Math 1 or above. Freshmen may enroll in Sustainable Agriculture if planning to complete the Sustainable Agriculture or Animal Science Pathway and with counselor permission.***

Sustainable Agriculture is a one year course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major sections, or units, each with a guiding question. Unit one addresses the question, what

is sustainable agriculture? Unit two, how sustainable agriculture fits into our environment? Unit three, what molecular biology principles guide sustainable agriculture? Unit four, how do we make decisions to maximize sustainable agricultural practices within a functioning ecosystem? Within each unit specific life science principles will be identified with agricultural principles and practices guiding the acquisition of this knowledge. Students are required to maintain an FFA Record Book and attend 6 FFA activities per semester. This course meets at least one of the California State University "A-G" requirements.

## **CHEMISTRY**

**GRADES: 10-12**

***Prerequisite: Earn a grade of B or better in Integrated Math 1 and Biology, or permission of instructor. Must also be enrolled in Integrated Math 2 or above***

At the end of this course, students will be able to demonstrate a functional knowledge of the following areas: atomic theory and structure, periodic law, chemical bonding, equations, mole relationships, solutions, ionizations, acid and bases, and oxidation states. This course meets at least one of the California State University "A-G" requirements.

## **PHYSICS**

**GRADES: 11-12**

***Prerequisite: Integrated Mathematics 3 or concurrently enrolled in Integrated Mathematics 3 with grades of B or better***

Students in Physics will gain an understanding of the concepts of motion, inertia, force, momentum, gravity, work, energy, heat, thermodynamics, and power. Other topics will include waves, electricity, magnetism, optics, mirrors, and lenses. Conceptual development is the primary purpose of the course, but problem-solving skills with the use of mathematics will also be stressed. Labs and demonstrations that emphasize the concepts are part of the course. This course is a college preparatory class designed to introduce students to physics for college and related fields such as engineering. This course meets at least one of the California State University "A-G" requirements.

## **ADVANCED PLACEMENT BIOLOGY**

**GRADES: 10-12**

***Prerequisite: Biology with a minimum grade of B and Chemistry with a minimum grade of B. Students may enroll without the above requirements only on the teacher's consent***

This course is designed to be the equivalent of a college introductory biology course, usually taken by biology majors during their first year. The primary emphasis of AP Biology is developing an understanding of concepts rather than on memorizing terms and technical details. Topics include molecules and cells (25%), heredity and evolution (25%), and organisms and population (50%). Each major area is broken down into sub areas that are detailed in the class.

\*All Advanced Placement courses are taught with college level guidelines. In some AP classes, work will be required over summer breaks and weekends. While AP students are not required to take the AP Exam, only those who attempt the AP Exam will receive AP/ Honors

Scale grading. Taking these courses does not guarantee that you will pass the AP exam given by the College Board.

This course meets at least one of the California State University “A-G” requirements.

### **ADVANCED PLACEMENT CHEMISTRY GRADES: 11-12**

***Prerequisite: Chemistry and Integrated Mathematics 3 or concurrently enrolled in Integrated Mathematics 3 with a grade of C or better***

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. This course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Grades are calculated on the AP/Honors scale of A=5.

\*All Advanced Placement courses are taught with college level guidelines. In some AP classes, work will be required over summer breaks and weekends. While AP students are not required to take the AP Exam, only those who attempt the AP Exam will receive AP/ Honors Scale grading. Taking these courses does not guarantee that you will pass the AP exam given by the College Board.

This course meets at least one of the California State University “A-G” requirements.

### **ADVANCED PLACEMENT PHYSICS I GRADES: 11-12**

***Prerequisites: Integrated Mathematics 3 or concurrently enrolled in Integrated Mathematics 3 with a grade of C or better***

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound.

\*All Advanced Placement courses are taught with college level guidelines. In some AP courses, work will be required over summer breaks and weekends. While AP students are not required to take the AP Exam, only those who attempt the AP Exam will receive AP/ Honors Scale grading. Taking these courses does not guarantee that you will pass the AP exam given by the College Board.

This course meets at least one of the California State University “A-G” requirements.

### **AGRICULTURE AND SOIL CHEMISTRY GRADE LEVEL: 10-12.**

***Prerequisite: Earn a grade of C or better in Integrated Math 1 and Biology or Sustainable Agriculture.***

***Must also be enrolled in Integrated Math 2 or above. Sustainable Agriculture is a prerequisite for the CTE Sustainable Agriculture pathway.***

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants,

animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. Students will investigate, test an Agriscience research question, conduct an experiment, collect quantitative data, and ultimately form a conclusion based on the data. The resulting paper will be based on scientific protocol and cited using APA formatting. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. Students will be graded on participation in intercurricular FFA activities as well as maintaining an ongoing Supervised Agricultural Experience (SAE) program. This course meets at least one of the California State University “A-G” requirements.

### **AGRISCIENCE SYSTEMS MANAGEMENT GRADE LEVEL: 11-12**

***Prerequisite: Agriculture and Soil Chemistry or Chemistry. Sustainable Agriculture and Agriculture and Soil Chemistry are prerequisites for CTE Sustainable Agriculture pathway.***

This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students will connect the products created in this course with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events. Throughout the course, students will be graded on participation in FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. This course meets at least one of the California State University “A-G” requirements.

## **SOCIAL STUDIES**

### **PROFESSIONAL COMMUNICATIONS & TECHNOLOGY (1 Semester Course)**

**GRADES: 9-12**

***Prerequisite: None***

Skills learned in this course provide a foundation for success in high school and in “the real world.” This course provides hands-on introduction to business technology used for professional communication. Topics include communication through digital documents, presentations, data computation and presentation, as well as how we represent ourselves through digital technology. This course applies the principles of ethical and effective communication in the creation of business letters, memos, emails, as well as written and oral reports for a variety of real-world situations. The major purpose of this course is to prepare students for communication

in the ever-changing global environment. This course is in the process of getting approved to meet at least one of the California State University “A-G” requirements.

### **HEALTH (1 Semester Course)**

**GRADE: 9-12**

**Prerequisite: None**

This course teaches students how to be successful at school. Students will create a five paragraph research paper using the Internet and information from outside sources distributed in class. The course is also designed to acquaint students with knowledge needed for healthful living, including information about alcohol and other drugs and sexual education. This course goes toward the Sutter High Health requirement.

### **WORLD STUDIES**

**GRADE: 10-12**

**Prerequisite: None**

Students study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of two world wars. They trace the rise of democratic ideas and develop an understanding of historical roots of current world issues, especially as they pertain to international relations. They extrapolate from the American experience that democratic ideas are often achieved at a high price, remain vulnerable, and are not practiced everywhere in the world. Students develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. This course meets at least one of the California State University “A-G” requirements.

### **HONORS WORLD STUDIES**

**GRADE: 10-12**

**Prerequisites: Grade of B or better in prior english equivalent class, excellent attendance and teacher recommendation**

This full-year course explores the expansive history of the modern world. Students will learn many facts, but also the critical thinking skills necessary to analyze historical evidence as presented in primary sources. Students will examine the Politics and power, Interaction between humans and the environment; Economic systems, and Social structures of ancient civilizations in order to understand the geographic, political, economic, and social characteristics of humans throughout history. By developing their understanding of the past, students can better understand the present and determine their direction for the future. This course is in the process of getting approved to meet at least one of the California State University “A-G” requirements.

### **UNITED STATES HISTORY**

**GRADE: 11-12**

**Prerequisite: None**

Students will study the history of the United States with an emphasis on the period from 1900 to the present. Students should clearly understand the events and people who gave of themselves to establish the America of today. This course meets at least one of the California State University “A-G” requirements.

### **HONORS UNITED STATES HISTORY**

**GRADE: 11-12**

**Prerequisite: Grade of B or better in World Studies, excellent attendance and teacher recommendation**

This course will include the study of topics from early inhabitants to the New World, Colonial America, the Revolutionary War, Constitutional development, the Jeffersonian and Jacksonian eras, 19th century reform movements, Sectionalism, Civil War, and Reconstruction. Subject matter will also include the study of the Gilded Age, Populism, Progressivism, World War I, the 1920s, the Great Depression and New Deal, World War II and the Cold War, post Cold-War and the United States to the beginning of the 21st century. Incorporated in the comprehensive study of U.S. History will be themes addressing areas of diversity, national identity and citizenship, industrialization, immigration and cultural pluralism, economic transformations, shifting demographics and culture along with the investigation of social and intellectual institutions. Students will examine past archives to create a better understanding of the interconnection between historical events and how these events influence modern history. Throughout this Honors course, students continuously analyze primary and secondary sources relating to the period of study. Students will be challenged to compare relationships between the present and historical events, and to analyze cause and effect. Incorporating activities from other disciplines gives students the opportunity to connect history to other subjects. This course is in the process of getting approved to meet at least one of the California State University “A-G” requirements.

### **AMERICAN GOVERNMENT**

**GRADE: 12**

**Prerequisite: None** (One Semester Course)

This course provides an overview of American Government. Current topics of government involvement are debated and discussed. Units covering the rights of the people, the legal and legislative systems, interest groups and the powers of the President are covered through simulations and lectures. Through this course, students will learn the skills necessary to actively participate in our American democracy with due concern for the welfare of others while assuming individual rights and responsibilities. This course meets at least one of the California State University “A-G” requirements.

### **ECONOMICS**

**GRADE: 12**

**Prerequisite: None** (One Semester Course)

Economics provides students with an overview of the individual, business and government factors that impact on the economy around them. Economics is a hands-on course in which students not only learn about the topic, but also participate in simulations involving the stock market, free enterprise issues, marketing strategies, and other decisions which impact consumers and producers. This course meets at least one of the California State University “A-G” requirements.



## HONORS AMERICAN GOVERNMENT

### GRADE: 12

**Prerequisite:** *Grade of B or better in Honors US History, excellent attendance and teacher recommendation*

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process. The course culminates in an examination of public policy and the roles of citizens and organizations in promoting policy approaches. Students will evaluate both primary and secondary sources compared against the social, political and economic backdrop of the time period of the event. At the conclusion of the course students should have a more sophisticated understanding of majority rule democracy, constitutionalism and civil liberties. Students will also be able to see the relationships and distinctions between formal and informal institutions and the public policies that are developed as a result of these relationships and be able to apply this knowledge to real-life situations. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

## HONORS ECONOMICS

### GRADE: 12

**Prerequisite:** *Grade of B or better in Honors US History, excellent attendance and teacher recommendation.*

This course is designed to provide an introduction to the study of economic systems, with a focus on capitalism and the U. S. economy. Student involvement is strongly emphasized in this course through a variety of classroom formats, including group work, student presentations, and role playing activities. The objective of these and other activities will be to draw connections between the topics and material discussed in class and the world around them. From creating graphs to reach equilibrium to learning to manage a bank account, students will take part in a more rigorous semester long study of the principles and processes of economics in the American system. Students begin with an introduction of basic economic concepts then move on to an in-depth study of microeconomic principles. Students showcase their understanding of supply, demand, and economic choices by completing a case study on starting a business. Students then turn to macroeconomic concepts, government policies, and entrepreneurship. This Honors course concludes with a unit on personal finance. Students will learn more about topics such as taxation, financial institutions, credit, and money management. Students extend their knowledge of personal financial planning by creating a successful budget. Throughout the course, economic theory is introduced, demonstrated, and reinforced through real-life scenarios and examples. In assignments and project-based lessons, students learn to apply critical thinking skills while making practical

economic choices. This course is in the process of getting approved to meet at least one of the California State University "A-G" requirements.

## VISUAL & PERFORMING ARTS

### Arts, Media and Entertainment CTE Pathway

#### Visual/Commercial Art

- Applied Photography 1
- Applied Photography 2
- Applied Photography 3

#### ART 1 - 2 - 3 - 4

#### GRADES: 9-12

**Prerequisite:** *Year 1: none. Years 2, 3 and 4: successful completion of the previous year with a grade of C- or better, or permission of instructor*

This is a survey course with emphasis on developing basic skills in drawing with pencil, charcoal, ink, and pastels, and an introduction to painting with watercolors and acrylics. Students will have the opportunity to experiment with various other art media such as collage, print making, scratchboard, and more. Students will be introduced to the elements of art and the principles of design, art history, appreciation, criticism, and artworks by major artists. A \$10 materials fee is required each semester. This course meets at least one of the California State University "A-G" requirements.

#### ADVANCED PLACEMENT STUDIO ART: DRAWING AND 2D ART

#### GRADE: 11-12

**Prerequisite:** *Art 1 and Art 2 with a grade of B or better*

The AP Studio Art course is for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition and execution in 2D design or Drawing. This course is based on a student creating a body of work that demonstrates quality, concentration and breadth. This portfolio will be submitted to the College Board for review for college credit. Students will be expected to spend a considerable amount of time outside of class in order to complete assignments, homework and sketchbook assignments. Summer homework will be assigned before the school year begins.

\*All Advanced Placement courses are taught with college level guidelines. In some AP classes, work will be required over summer breaks and weekends. While AP students are not required to take the AP Exam, only those who attempt the AP Exam will receive AP/ Honors Scale grading. Taking these courses does not guarantee that you will pass the AP exam given by the College Board.

This course meets at least one of the California State University "A-G" requirements.

#### CERAMICS

#### GRADES: 9-12

**Prerequisite:** *None*

This course is a beginning ceramics course with emphasis on developing basic skills and knowledge of clay and glazes. The student will work on a variety of

techniques in hand-built ceramic art forms. The course introduces students to the terms, techniques and history of the development of ceramics and its importance in cultures around the world, i.e. Western Civilizations, Asia, Africa, and Latin influences. A \$10 materials fee is required each semester. This course meets at least one of the California State University "A-G" requirements.

## **CERAMICS 2 GRADES 10-12**

***Prerequisite: Ceramics 1 with a grade of B+ or better***

This course introduces the student to the advanced technique and skill of the potter's wheel. Students will also be required to create hand built work using sculptural elements. The course will include the discussion of current trends in ceramics as it relates to historical importance, as well as developing a dialogue regarding their personal growth in the field. A \$10 materials fee is required each semester. This course meets at least one of the California State University "A-G" requirements.

## **THEATRE ARTS GRADES: 9-12**

***Prerequisite: None***

Theatre Arts is a one-year foundations course in Drama as a Performing Art. Students will be required to participate, but not necessarily act, in each of the program's three annual play productions, including attending evening rehearsals and performances. Missed evening rehearsals are not excused, but may be made up by extra play-related, after-school work. Students will learn theatre technology, history, elements of criticism and appreciation, design and production, along with basic acting and stagecraft. Students will also learn the basics of public speaking through participation in the annual Lion's Club Speech Contest. Students must be able to attend and critically review at least one play each semester as part of their grade, which may include SUHS Drama offerings. Students who complete the course with a B+ or better can sign up for Drama Productions without additional audition in front of the instructor. This course meets at least one of the California State University "A-G" requirements.

## **DRAMA PRODUCTIONS GRADES: 10-12**

***Prerequisite: 1 year of Theatre Arts with B+ or better or a successful audition in front of the instructor.***

***Returning students must complete the prior year with a B or better***

Emphasis in this course will be on preparing for each of the program's three annual play productions: the Fall Play, the Children's Theatre Play, and the Spring Play along with more stage terminology, history, criticism and appreciation instruction. Students are required to attend evening performances and evening rehearsals. Missed evening rehearsals are not excused, but may be made up by extra play-related, after-school work. Students who do not win a major role in the mid-season Children's Theatre Play must participate in the Lion's Club Speech Contest along with Theatre Arts students. Students must be able to attend and critically review at least one play each semester as part of their grade, which may include SUHS Drama offerings. This course meets at least one of the California State University "A-G" requirements.

## **STAGE TECHNOLOGY**

**GRADES: 11-12**

***Prerequisite: 2 years of Drama Productions or 1 year of Theatre Arts and 1 year of Drama Productions and the instructor's permission***

Students in this course will study and have practical experiences in the business side of the Theatre program, along with participation in each of the three annual plays. Students will learn to evaluate the Drama Program and to plan for and produce successful plays. Students will learn more about stage terminology, history, criticism and appreciation of this art form through preparing and presenting instruction to Drama Productions and Theatre Arts students. Students may opt to participate in the Lion's Club Speech Contest. Students must be available for evening performances and rehearsals. Students must be able to attend and critically review at least one play each semester as part of their grade, which may include SUHS Drama offerings. As with other drama courses, missed rehearsals may be made up by extra play-related work. This course is designed to also meet Vocational Education requirements and to prepare students for an entertainment industry career. Participation in the actual business of play production is required as it relates to the school's three annual plays.

## **ADVANCED BAND**

**GRADES 9-12**

***Prerequisite: One year experience on a band instrument or the instructor's permission***

This course provides an academic opportunity to participate in instrumental ensemble playing. Special attention is given to forming proper habits with regard to band routine, tone production, intonation, interpretation, etc., through skill study and participation. The advanced band performs a number of concerts and community events during the year.

## **CHORUS**

**GRADES: 9-12**

***Prerequisite: Permission of instructor***

This course emphasizes the fundamentals of vocal technique through performances of a varied repertoire of choral music. Students will have the opportunity to perform as soloists and small groups. The chorus performs in two concerts each year (one fall, one spring) plus a regional choral festival. Students do not need to read music in order to enter the class; they will learn to read as class progresses. This course meets at least one of the California State University "A-G" requirements.

## **THE ART AND HISTORY OF FLORAL DESIGN 1**

**GRADES: 10-12**

***Prerequisite: None***

The Art and History of Floral Design provides an introduction to artistic and creative perception including aesthetic valuing through a series of projects in various media including tempura, pencil, and flowers. Students are also introduced to the elements and principles of visual art design such as line, shape/form, color, balance, and emphasis using a series of floral-based projects to explore connections, relations, and application to visual design. Students are required to keep an FFA Record Book, have a project, and attend 6 FFA activities per semester. There is a \$10 per semester lab fee. This course meets at least one of the California State University "A-G" requirements.

## **THE ART AND HISTORY OF FLORAL DESIGN 2 GRADES: 11-12**

### ***Prerequisite: The Art and History of Floral Design 1***

The second year of Floral Design is geared to the students who want to continue developing their skills in floral design. Students will continue to use the principles of design to create more expensive and complex arrangements. Students are required to keep an FFA Record Book, have a project and attend 6 FFA Activities per semester. There is a \$10 per semester lab fee. This course meets at least one of the California State University "A-G" requirements.

## **APPLIED PHOTOGRAPHY I GRADES: 10-12**

### ***Prerequisite: None***

Applied Photography I is an entry level course in photography that provides students with hands-on experience as they learn how to safely handle and maintain photographic equipment, apply elements of composition, and evaluate and critique photographic images utilizing relevant terminology and concepts. Students will learn natural light, available light, artificial light, and film photography. Over the course of the year students will create a portfolio of work demonstrating formal, conceptual, and technical development. Students learn how to produce eye-catching photographs by skillfully utilizing photographic tools, materials, and processes; including camera controls, manual image exposure, photoshop image processing, printing, and presentation. Photography students will practice concept development using a project based approach to photography. By the end of their first year, students will be able to analyze and describe the role of photography in contemporary culture and media by participating in group and individual critiques of photographic images while developing their own artist portfolio. Finally, students will investigate and describe the different industries, styles, and careers in photography. A \$10 materials fee is required each semester. This course meets at least one of the California State University "A-G" requirements.

## **APPLIED PHOTOGRAPHY II GRADES: 11-12**

### ***Prerequisite: Grade of B in Applied Photography I or instructor's permission.***

Applied Photography II students will expand upon skills learned in Applied Photography level 1 and explore individual genres of photography through research and hands on project development. Level 2 students will select areas of specialization such as fine art, still life, advertising and product, food, sports, fashion, photo restoration, photojournalism, and more. Over the course of the year students will develop a digital portfolio and artist brand. Students will use top of the line equipment and studio space to give them the entry level professional experience to enter the professional workforce. A \$10 materials fee is required each semester. This course meets at least one of the California State University "A-G" requirements.

## **APPLIED PHOTOGRAPHY III GRADES: 12**

### ***Prerequisite: Grade of B in Applied Photography II or instructor's permission.***

Applied Photography III students will expand upon their area of specialization from the previous year. Students will continue to develop their artist portfolio. Depending on areas of interest, students may explore graphic design, web design, videography and cinematography. Towards the end of the year, students will learn about the business of photography, marketing, future career opportunities, and learn how to represent themselves in the professional workforce. A \$10 materials fee is required each semester. This course meets at least one of the California State University "A-G" requirements.

## **WORLD LANGUAGE**

### **SPANISH 1 GRADES: 9-12**

***Prerequisite: Concurrent enrollment in English 9 or Honors English 9 for 9th Graders; English 10 or Honors English 10 for 10th Graders; no prerequisite for 11th and 12th Graders (Native speakers of Spanish in 9th or 10th grade should begin Spanish instruction with Spanish 2)***

The primary method of instruction in SPANISH 1 is TPRS or Teaching Proficiency through Reading and Storytelling. Students begin with a technique called TPR or Total Physical Response in which the instructor acts out a variety of actions and asks the student to listen to the command for that action in Spanish and then model the desired behavior. Teachers use a blend of Spanish and English in instruction, using the rule of Comprehensible Input as the factor by which to determine which language to use. If the students can understand what is being said in Spanish, then we speak to them in Spanish (and speak English to them when they cannot). Spanish Language video is used (with English subtitles) to supplement instruction to allow students to hear native speakers of Spanish in high interest story formats. Regular homework is assigned. Proficiency and whole-language mastery of Spanish drive the pace of class. This course meets at least one of the California State University "A-G" requirements.

### **SPANISH 2 GRADES: 9-12**

***Prerequisite: 9th Graders must have completed a full year course equivalent to SPANISH 1 in 7th or 8th grade with an A- or better; other students must have completed SPANISH 1 with a C+ or better the previous year and with a B+ or better if more than a year has elapsed***

SPANISH 2 continues with TPRS or Teaching Proficiency through Reading and Storytelling after a review of SPANISH 1, including TPR or Total Physical Response. Teachers continue to use a blend of Spanish and English in instruction, using the rule of Comprehensible Input as the factor by which to determine which language to use. Regular homework is assigned. Proficiency and whole-language mastery of Spanish drive the pace of class. This course meets at least one of the California State University "A-G" requirements.

### **HONORS SPANISH 3**

**GRADES: 10-12**

*Prerequisite: SPANISH 2 with a B+ or better the previous year and with an A if more than a year has elapsed*

HONORS SPANISH 3 continues with TPRS or Teaching Proficiency through Reading and Storytelling after a review of SPANISH 1 and 2, including TPR or Total Physical Response. Teachers continue to use a blend of Spanish and English in instruction, using the rule of Comprehensible Input as the factor by which to determine which language to use. Proficiency and whole-language mastery of Spanish drive the pace of the class, but with additional honors criteria in expectation of the student proficiency and mastery. Grades are calculated on the A=5 scale. This course meets at least one of the California State University "A-G" requirements.

### **HONORS SPANISH 4**

**GRADES: 10-12**

*Prerequisite: SPANISH 3 with an A; HONORS SPANISH 3 with a B- or better OR with the instructor's permission*

HONORS SPANISH 4 continues with TPRS or Teaching Proficiency through Reading and Storytelling after a review of Spanish 1 and 2, and HONORS SPANISH 3, including TPR (Total Physical Response). Teachers continue to use a blend of Spanish and English in instruction, using the rule of Comprehensible Input as the factor by which to determine which language to use. Proficiency and whole-language mastery of Spanish drive the pace of this course, but with additional honors criteria in expectation of student proficiency and mastery. Grades are calculated on the A=5 scale. This course meets at least one of the California State University "A-G" requirements.

## **TRI-COUNTY ROP**

### **Health Science and Medical Technology CTE Pathway**

Patient Care

- Biology
- Sports Medicine I
- Advanced Sports Medicine

**\*ROP - ADVANCED MANUFACTURING (on campus)**

**GRADE: 11-12**

*Prerequisites: None*

**Credits per semester: 10**

This 300 hour course includes laboratory experiences in project design, fabrication, machining, welding, and related technologies. These experiences will enable the student to enter the industry with problem-solving skills in design, production planning, materials handling, quality control, inspection, and programming with Computer-aided controls.

**\*ROP - HOSPITALITY MANAGEMENT (off campus)**

**GRADE: 11-12**

*Prerequisites: None*

**Credits per semester: 15**

This 300 hour course teaches aspiring restaurant managers about the preparation and delivery of foods and services in a commercial kitchen setting. Topics include: restaurant administration, accounting, human resources, marketing; food and beverage control; prevention of food borne illnesses and federal, state and local guidelines for food safety, hazard analysis, critical control points, proper food handling techniques, storage of food, correct temperatures to prevent food contamination and personal hygiene for food handlers.

**\*ROP - NURSING ASSISTANT (off campus)**

**GRADE: 11-12**

*Prerequisites: Successful completion of 2 years of science with a C or better. Also, student must be 16 years of age or older and provide a valid C.A.I.D.*

*\*Grade 11 may take this course with counselor permission*

**Credits per semester: 15**

This 300 hour course is recommended for students considering a career in nursing or other health career occupation. Upon completion, Nursing Assistant students will demonstrate appropriate competencies: Introduction to Nursing Assistant, Patients' Rights, Communication/Interpersonal Skills, Prevention & Management of Catastrophe & Unusual Occurrences, Body Mechanics, Medical & Surgical Asepsis, Weights & Measures, Patient Care Skills, Patient Care Procedures, Vital Signs, Nutrition, Emergency Procedures, Long-Term Care Resident, Rehabilitative Nursing, Observation & Charting, and Death and Dying. Home Health Personal Care Aide students will demonstrate appropriate competencies: Introduction to Home Care, Infection Prevention and Safety in the Home, Medical & Social Needs, Personal Care Services, Meal Planning, Shopping, Preparation and Storage, The Clean, Safe, and Healthy Home Environment and Managing Time, Energy and Money in the Home. \*Integrated throughout the course are Career Preparation Standards, which include Workplace Basic Skills and Behaviors, Career Technical Skills, and Job Employment Skills.

**\*Classroom instruction is composed of 142 hours of theory studies.**

**\*During clinical community classroom training, students will work with licensed Nursing Instructor and licensed Nursing Supervisor in long-term care facilities for 158 hours.**

**\*ROP - INTEGRATED ANIMAL SCIENCE VETERINARIAN ASSISTANT (on campus)**

**GRADE: 11-12**

*Prerequisites: Completion of Sustainable Agriculture or Biology with a C or better*

**Credits per semester: 10**

This 540 hour course combines course instruction, hands-on laboratory experiments and procedures, and provides pre-requisite work experience for admission to Veterinary Technician Program and Schools of Veterinary Medicine. Students completing this course

will satisfy the University of California's "d" lab science approval, given they meet all other prerequisites. Course instruction will include strong emphasis on anatomy and physiology, including coverage of multiple systems. Hands on instruction may include small and large animal health care, study of common diseases, veterinary procedures, diagnostic laboratory procedures, anatomy and physiology, medical and animal medical terminology, animal grooming, handling and restraint techniques. Employment opportunities may include veterinary assistant (unregistered), horse farm worker, assistant pet groomer, kennel worker, animal services/S.P.C.A. employee.

**\*ROP- SPORTS MEDICINE I (on campus)**

**GRADES: 9-12**

***Prerequisite: Freshman and Sophomores may take this course congruently with Biology.***

**Credits per semester: 5**

The Sports Medicine Careers course will provide students with a basic understanding of the anatomy and physiology of the human body; an understanding of sports injuries and why they occur; the utilization and the application of the scientific method to investigate and conduct data analysis related to such injuries; application of proper taping and bracing of athletic injuries; general knowledge and experience related to the medical career field.

**\*ROP- ADVANCED SPORTS MEDICINE (on campus)**

**GRADES: 10-12**

***Prerequisite: Sports Medicine I***

**Credits per semester: 5**

The Advanced Sports Medicine course will provide students with a thorough understanding of the anatomy and physiology of the human body; an understanding of sports injuries and why they occur; an understanding of proper bio-mechanics and movement patterns as related to athletic function; the utilization and the application of the scientific method to investigate and conduct data analysis related to such injuries; an understanding of the injury evaluation process; application of proper taping and bracing of athletic injuries; an understanding in the prevention, recognition and rehabilitation of athletic injuries; general knowledge and experience related to the medical career field, including hands on experience in a clinical and on-field settings.

**\*ROP- DENTAL ASSISTING (off campus)**

**GRADES: 12**

***Prerequisite: Completion of Biology with a C or better and completion of Integrated Math 2 with a C or better.***

**Credits per semester: 15**

The dental assisting program at Tri County ROP prepares students with the necessary manipulative skills, technical knowledge, and hands-on experience to obtain career related employment. Course instruction covers infection control, dental practice act, dental anatomy, dental terminology, dental radiology, dental instrumentation, equipment, and CPR. Each student will participate in clinical training, which includes instruction in a dental office working side by side with the dentist and dental team members.

**\*ROP- AERIAL MAPPING & PHOTOGRAMMETRY (off campus)**

**GRADES: 11-12**

***Prerequisite: None***

**Credits per semester: 10**

Drones are here to stay and make your life different in so many ways. Ever wonder how Google Earth works? How does all that information happen on your phone? In this course you will learn to pilot drones and the many uses for drones. You will learn photogrammetry which is the process of combining multiple pictures to make a single image, map or presentation. Engineers do this every day at various jobs including game designers. Google maps does this on your phone in real time. You will learn the latest drone technology, Pix4D photogrammetry software, with real world job related experiences. Includes field work with real clients with real results.

## ATHLETICS

- Swim Team
- Football: Frosh, JV & Varsity
- Volleyball: Frosh, JV & Varsity
- Girls' Tennis
- Cross Country
- Girls' Soccer
- Boys' Soccer
- Sideline Cheer: Frosh, JV, Varsity
- Competition Cheer
- Basketball: Boys' Frosh, JV & Varsity
- Basketball: Girls' Frosh, JV & Varsity
- Boys' Wrestling: JV & Varsity
- Girls' Wrestling: JV & Varsity
- Rifle Team
- Trap Team
- Rodeo Team
- Track & Field
- Softball: JV & Varsity
- Baseball: Frosh, JV & Varsity
- Boys' Tennis
- Golf

## CLUBS AND ORGANIZATIONS

- Art Club
- Band
- Block S
- California Scholarship Federation
- CREATE
- FBLA
- Design Build
- Drama Club
- Earth Club
- Friday Night Live
- National FFA Organization
- Youth Alive
- Student Council
- Sutter Recreation Association (SRA)
- Interact Club
- International Club
- Key Club
- Literature Club
- Loud Crowd
- Sutter Live - Live Streaming (TriCaster)
- Sutter High School Amateur Radio Club
- Junior Statesman of America (JSA)/ Speech and Debate Club

## STATEMENT OF NON-DISCRIMINATION

(Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972 section 504 of the Rehabilitation Act of 1973): Sutter Union High School District does not discriminate against any person on the basis of gender, race, color, religion, national origin, ethnic group, actual or perceived sexual orientation marital or parental status, physical or mental disability. Sutter Union High School District will take steps to assure that the lack of English will not be a barrier to admission and participation in District programs. Complaints alleging noncompliance with this policy on nondiscrimination should be directed to Sutter Union High School Superintendent. A copy of the District's Uniform Complaint Policy is available at 2665 Acacia Ave., Sutter, CA 95982.

Title IX Coordinator:	Ryan Robison, Superintendent/Principal	(530) 822-5161 Ext: 205
Special Education Coordinator:	Rick Giovannoni	(530) 822-5161 Ext: 204
504 Coordinator	Michael Landa	(530) 822-5161 Ext: 218
English Learner Coordinator:	Rick Tuttle	(530) 822-5161 Ext: 235
Human Resource Director:	Ryan Robison, Superintendent/Principal	(530) 822-5161 Ext: 205
Uniform Complaint Procedure Coordinator:	Ryan Robison, Superintendent/Principal	(530) 822-5161 Ext: 205

# Online Re-Enrollment

**Online Re-Enrollment** allows parents to quickly update and verify information stored in the school's Student Information System. This process will replace our Emergency Contact Sheets along with other forms normally sent out at the beginning of the school year and helps keep students information accurate. \*does not apply to new students, just returning students.

## Re-Registration will open July 22nd and will stay open until August 3rd

### How to Complete the Re-Registration Process

- Go to [www.sutterhuskies.com](http://www.sutterhuskies.com) (during the above mentioned Re-Registration widow)
- Click "Aeries Portal" in the upper right corner
- Log into your Parent Portal Account
- Go to "**Student Info**" Tab on the upper left and click the drop down "**Data Confirmation**" Tab. Follow the instructions on each tab to complete the Re-Registration Process



## EDUCATIONAL INFORMATION SITES

[www.californiacolleges.edu](http://www.californiacolleges.edu)

- Explore California colleges, admissions, finance, etc.

[www.collegeboard.com](http://www.collegeboard.com)

- Comprehensive test prep
- Create a student account
- Information about all colleges in the United States
- Learn about planning for classes
- SAT Test
- AP Program Information

[www.act.org](http://www.act.org)

- ACT Test

[www.calstate.edu/apply](http://www.calstate.edu/apply)

- Information on California State Universities
- Financial information included

[www.universityofcalifornia.edu](http://www.universityofcalifornia.edu)

- University of California undergraduate & related links

[www.fafsa.gov](http://www.fafsa.gov)

- Free Application for Federal Student Aid (for Seniors)
- Dream Act Application

[www.eligibilitycenter.org](http://www.eligibilitycenter.org)

- NCAA ELIGIBILITY CENTER

[www.naia.org](http://www.naia.org)

- NAIA ELIGIBILITY CENTER

## BUTTE VIEW HIGH SCHOOL

- Butte View High School is one alternative educational setting offered by Sutter Union High School District.
- Butte View High School offers a *Standard High School Diploma* as well as an *Adult Education Diploma*.
- Butte View High School students may participate in vocational programs provided by Career and Technical Education (CTE) and Work Experience.
- Butte View High School provides students who are struggling the opportunity to get back on track and improve their self esteem while also developing responsibility.