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

SUTTER UNION HIGH SCHOOL DISTRICT



2021 — 2022

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

2021 - 2022 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. IN ORDER TO GRADUATE, STUDENTS MUST BE EITHER CTE COMPLETERS OR CSU/UC ELIGIBLE.

2. SENIOR YEAR JOB SHADOW AND ESSAY

IN CONJUNCTION WITH THE AMERICAN GOVERNMENT/ECONOMICS CLASS AND ENGLISH CLASS, EACH SENIOR WILL JOB SHADOW 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)
STUDY SKILLS & HEALTH-DRIVER ED/DECISION MAKING
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
(* Denotes University of California & Cal State University approved visual and performing arts courses)
Students must satisfy the college fine arts requirement by completing a single year long course.
Students may take the course over different academic years, but the course must be taken in a sequential order.

- | | |
|---|-----------------------|
| ART* | THEATRE ARTS* |
| CERAMICS* | APPLIED PHOTOGRAPHY* |
| CONCERT BAND | GRAPHIC COMMUNICATION |
| CHORUS* | 3-D ANIMATION |
| DRAMA PRODUCTIONS* | ANY WORLD LANGUAGE |
| THE ART AND HISTORY OF FLORAL DESIGN 1 & 2* | |
| AP Studio Art (Drawing)* & AP Studio Art (2D Design)* | |

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

HISTORY (2 YEARS TOTAL)		
A	(1 YEAR)	(1 YEAR)
	World History	US History American Government <u>AP US History</u> <u>AP US Government/Politics</u>

ENGLISH (4 YEARS)		
B	English 9 English 10 English 11 English 12	UP English 9 UP English 10 UP English 11 UP English 12 <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 Integrated Math 2 Honors Integrated Math 3	Integrated Math 3 Honors Transition to College Math and Statistics <u>AP Calculus AB</u> Pre Calculus

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

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

VISUAL AND PERFORMING ARTS (1 YEAR)			
F	Art 1 Art 2 Art 3 Art 4	The Art and History of Floral Design 1 & 2 Ceramics 1 & 2 Chorus Applied Photography 1, 2, 3 & 4	Drama Productions <u>AP Studio Art (Drawing)</u> <u>AP Studio Art (2D Design)</u> Theater Arts

ELECTIVE COURSES (1 YEAR)			
G	Agriculture Earth Science Earth Science Sustainable Agriculture*	(all courses under A-F plus the following) Pre-Vet Science* Psychology BITA 1, 2, 3 & 4	Economics <u>AP Microeconomics</u>

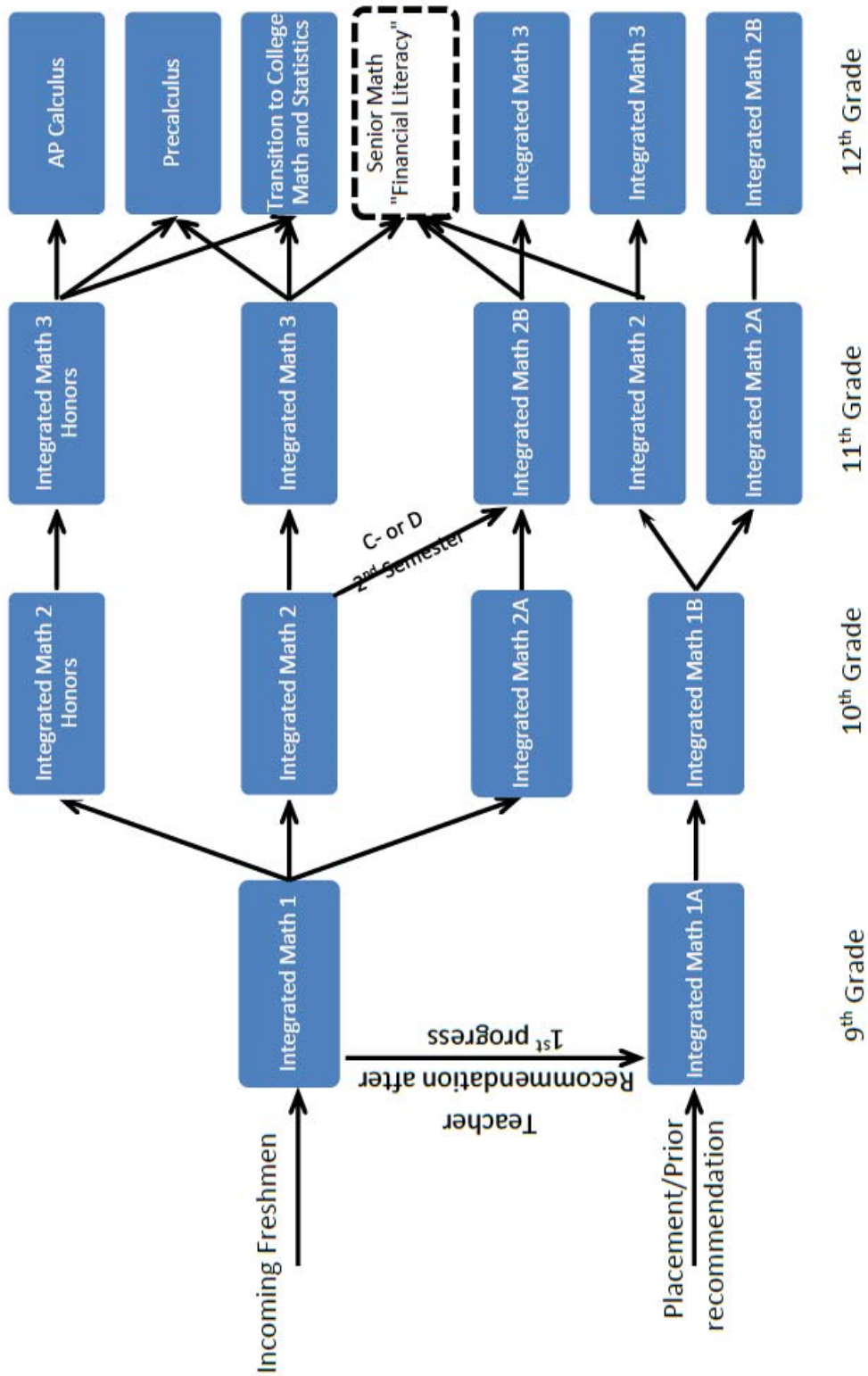
NOTE: Only the above underlined courses will be assigned extra honors credits: A=5, B=4, B=3
 MUST MAINTAIN "C" OR BETTER IN COURSES TAKEN. AP courses will only get the AP/Honors credit if the AP Exam for that course is taken.
 * Can be used as a 3rd or 4th year laboratory science

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	Study Skills / Health 5 Driver Ed / Decision 5	World Studies 10	U.S. History 10	Government 5 Economics 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				



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 <ul style="list-style-type: none"> • Introduction to Agriculture Mechanics or Pre-Ag Shop • Agriculture Mechanics 1 • Farm Equipment and Metal Fabrication 	Animation <ul style="list-style-type: none"> • 3D Animation 1 • 3D Animation 2 • 3D Animation 3 	Residential and Commercial Construction <ul style="list-style-type: none"> • 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)
Agriscience <ul style="list-style-type: none"> • Agriculture Science I • Agriculture Earth Science • Agriculture Science II/ Agriculture Leadership 	Visual/Commercial Art <ul style="list-style-type: none"> • Applied Photography 1 • Applied Photography 2 • Applied Photography 3 	
Sustainable Agriculture <ul style="list-style-type: none"> • Sustainable Agriculture • Agriculture and Soil Chemistry • Agriscience Systems Management 	Cabinetry, Millwork, & Woodworking <ul style="list-style-type: none"> • Construction and Manufacturing Technologies 1 • Construction and Manufacturing Technologies 2 • Construction and Manufacturing Technologies 3 	Financial Services <ul style="list-style-type: none"> • Computer Applications & Foundations of Business • Personal Financial Literacy • Accounting I • Accounting II
Animal Science <ul style="list-style-type: none"> • Sustainable Agriculture • Pre-Veterinary Science 	Architectural Design <ul style="list-style-type: none"> • Drafting Technologies 1 • Drafting Technologies 2 	Marketing <ul style="list-style-type: none"> • Computer Applications & Foundations of Business • Marketing • Social Media and Sports Entertainment Marketing
Ornamental Horticulture <ul style="list-style-type: none"> • The Art and History of Floral Design 1 • The Art and History of Floral Design 2 	Engineering Design <ul style="list-style-type: none"> • Drafting Technologies 3 • Drafting Technologies 4 	
Graphic Design <ul style="list-style-type: none"> • Graphic Communication 1 • Graphic Communication 2 • Graphic Communication 3 		

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 3 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

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

* 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

* 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
- Pre-Veterinary Science

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 Ag. All students are required to have a project and attend 6 FFA activities per semester. This class meets the Life Science requirement.

AGRICULTURE SCIENCE II / AGRICULTURE LEADERSHIP

GRADES: 10-12

Prerequisite: None (Agriculture Science 1 recommended) Agriculture Science 1 and Agriculture Earth Science are prerequisites for 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. This class meets the Life Science requirement.

AGRICULTURAL EARTH SCIENCE

GRADES: 9-12

Prerequisite: Currently enrolled in Integrated Math 1 or higher and reading at a 9th grade level. Agriculture Science 1 for the 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 college preparatory course meets the Sutter High School physical science requirement, and 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 Ag. Must also be enrolled in Integrated Math 2 or above.

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.

AGRISCIENCE SYSTEMS MANAGEMENT

GRADE LEVEL: 11-12

Prerequisite: Agriculture and Soil Chemistry or Chemistry

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 class 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 intercurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

FARM EQUIPMENT AND METAL FABRICATION

GRADES: 10-12

Prerequisite: Introduction to Agriculture Mechanics. Introduction to Agriculture Mechanics if completing 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-AG SHOP (Girl's Shop)

GRADES: 9-12

Prerequisite: None (Agriculture I is recommended)

Girl's shop is designed for girls 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.

PRE-VETERINARY SCIENCE

GRADES: 10-12

Prerequisite: None. Sustainable Agriculture if completing the Animal Science pathway

Pre-Vet is designed as an in-depth animal science course. The goal of this unit is to have students understand the concept of animal health, disease symptoms and prevention, treatment and control, and animal systems (i.e. digestive, reproductive, circulatory, urinary, respiratory) as they relate to each species. Emergency medical treatment, restraint and terms will be covered. Students will also be introduced to sections on FFA and agriculture careers. Students are required to keep an FFA Record Book, have a project, and attend 6 FFA activities per semester. This course meets at least one of the California State University and University of California "A-G" requirements.

SUSTAINABLE AGRICULTURE

GRADES: 10-12

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 and University of California "A-G" requirements.

THE ART AND HISTORY OF FLORAL DESIGN 1

GRADES: 10-12

Prerequisite: None (Agriculture I is recommended)

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 and University of California "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 and University of California "A-G"

BUSINESS

Business and Finance CTE Pathway

Financial Services

- Computer Applications and Foundations of Business
- Personal Financial Literacy
- Accounting I
- Accounting II

Marketing, Sales and Services CTE Pathway

Marketing

- Computer Applications and Foundations of Business

- Marketing
 - Social Media and Sports Entertainment Marketing
- Arts, Media and Entertainment CTE Pathways**

Graphic Design

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

Animation

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

DECA LEADERSHIP

GRADES: 10-12

Prerequisite: Computer Applications and Foundation of Business

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.

PRODUCT DEVELOPMENT, DESIGN, & MARKETING/YEARBOOK

GRADES: 9-12

Prerequisite: Grade B or above in English and Computer Applications and Foundations of Business and consent of the instructor/application

The yearbook class has the unique opportunity to create the only complete student-produced record of Sutter 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 graphic design, copy writing, photo journalism, interviewing techniques, and time management are included. Membership on a student-led publication is highly valued by colleges and students are who are willing to make a commitment toward excellence, hard work, and school spirit will find membership on the yearbook staff challenging and rewarding. **Freshman will be required to submit a resume and have prior experience.**

COMPUTER APPLICATIONS & FOUNDATIONS OF BUSINESS

GRADES: 9-12

Prerequisite: None

Skills learned and honed in this course provide a foundation for success in high school and in "the real world." In this project-based learning course, students will enhance their keyboarding skills while learning to use and apply the Microsoft Office Suite—Word, Excel, PowerPoint, Publisher—to authentic projects. Students will learn to properly format and compose business documents, resumes, and MLA reports. Job and career research and application will be taught as an introduction to role playing and job interviewing. This course will also prepare students for the modern business world by exploring themes of marketing,

leadership, & entrepreneurship. Watch out Shark Tank! We are preparing young entrepreneurs!

PERSONAL FINANCIAL LITERACY

GRADES: 11-12

Prerequisite: None. Computer Applications and Foundation of Business if completing the 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 counts toward the fourth year Math graduation requirement.

ACCOUNTING I

GRADES: 10-12

See description in the mathematics section.

ACCOUNTING II

GRADES: 11-12

See description in the mathematics section.

MARKETING

GRADES: 10-12

Prerequisite: Computer Applications and Foundations of Business

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 class will focus on current topics in business and marketing including the 4 P's: Product, Price, Place and Promotion. The class also includes topics on retail sales, business presentations, management, entrepreneurship, ethics, career exploration and business marketing plans. Students will have the opportunity to earn their digital marketing associate certification through DECA.

SOCIAL MEDIA AND SPORTS AND ENTERTAINMENT MARKETING

GRADES: 10-12

Prerequisite: Marketing

This is a marketing course designed to build students' social media marketing and sports and entertainment marketing. Familiarity with social media trends and platforms is crucial if you want to land a job in marketing. The growth in this field is being fueled in large part by the increasing demand for social media expertise. This course also explores marketing concepts and theories that apply to sports and entertainment marketing and business. Projects assigned give students hands-on experience implementing social media marketing and helps students develop an extensive understanding of social media and sports entertainment marketing and key marketing metrics.

GRAPHIC COMMUNICATION 1

GRADES: 10-12

Prerequisite: Computer Applications and Foundations of Business and Art 1 or Instructor Approval

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. *Butte College Articulated Class

**GRAPHIC COMMUNICATION 2
GRADES: 11-12**

Prerequisite: Graphics Communication 1

The second year of graphics is geared to the student who wants to continue developing skills in graphics. Students will use Adobe Creative Suite to develop knowledge in design, photo editing and layout. Student will also work with digital video equipment including live and post production.

**GRAPHIC COMMUNICATION 3
GRADES: 12**

Prerequisite: Graphics Communication 2

The third year graphics student will develop skills in integrating design skills learned using Adobe Illustrator, photo editing and special effect skills learned in Adobe Photoshop, layout skills learned using Adobe InDesign, and video skills learned in Adobe Premiere and digital video cameras to produce projects that will be published digitally in print, video and online.

**3-D ANIMATION 1
GRADES: 10-12**

Prerequisite: Computer Applications and Foundations of Business

Note: Graphics and 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. *Butte College Articulated Class. 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. Student will create a short animated story of their own. Students will print an object using 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 and University of California "A-G" requirements.

UP ENGLISH 9

GRADE: 9

Prerequisite: Reading at or above the 9th grade level. Strong organizational skills advised

This course is intended for the college-bound students with plans of continuing with the UP or AP English program. Students will be exposed to a wide variety of literature from poetry to short stories and novels. An emphasis will be placed on critical reading, thinking, and writing. Students will be introduced to thinking on a higher level, including analysis and synthesis. SAT-based vocabulary testing will be emphasized. Students will also have an opportunity to speak formally and informally. Writing will be frequent and narrative, informational, and argumentative essays will be required. The writing modules include informational text that conveys factual information from a variety of sources such as magazines, newspapers, and the Internet. Students will read such works as The Alchemist, Of Mice and Men, and Romeo and Juliet and/or The Merchant of Venice. Students will use

Holt Literature and Language Arts and Holt Handbook to provide mastery of California standards. Daily homework is expected. Extracurricular reading will include one book per semester, to include *Lord of the Flies* or *Having Our Say*. This course meets at least one of the California State University and University of California “A-G” requirements.

ENGLISH 10
GRADE: 10

Prerequisite: None

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 and University of California “A-G” requirements.

UP ENGLISH 10
GRADE: 10

Prerequisite: Satisfactory grade in UP English 9 of a “B” or better; grade of “A” or “B” in English 9 and instructor recommendation

Students will extend their critical thinking skills, as well as perfect their writing skills. An emphasis is placed on reflective essay writing as well as the literary essay. Vocabulary enrichment is also a focus. Students will learn to express their views verbally by various debate-type scenarios and/or oral presentations. PSAT and SAT testing skills will be practiced. The class is fast paced and daily homework is expected. Students will read such works as *Fahrenheit 451*, *Night* and *Julius Caesar*. Poetry is a class unit culminating in an individualized poetry assignment to include a 10 to 15 minute oral analysis of an assigned poem. Students will use Holt Literature and Language Arts and Holt Handbook to provide mastery of California standards. 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. Extracurricular reading will include one book per semester to include *To Kill a Mockingbird* and *A Thousand Splendid Suns*. This course meets at least one of the California State University and University of California “A-G” requirements.

ENGLISH 11
GRADE: 11

Prerequisite: None

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. Course meets at least one of the California State University and University of California “A-G” requirement.

UP ENGLISH 11
GRADES: 11

Prerequisite: Satisfactory grade in UP English 10 of a “B” or better; grade of “A” or “B” in English 10 & instructor recommendation

This junior course presents a variety of writings representative of the major historical time periods in American history. Students will read extensively, write frequently, and learn to speak and think critically about the readings. Writing strategies will include modules from the CSU Expository Reading and Writing Course. Vocabulary enrichment is also a focus. Expectations are high and intended to prepare students for college. Outside reading will be assigned. Students will read and analyze such works as *The Crucible*, *The Great Gatsby*, *Death of a Salesman*, *The Grapes of Wrath*, *Huckleberry Finn*, and a wide variety of informational materials. Daily homework is expected. Outside reading is required. This course meets at least one of the California State University and University of California “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 class 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. 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. AP students are required to take the AP exam as part of their learning experiences regardless of whether they wish to send their score to colleges. Taking these courses does not guarantee that you will pass the AP exam given by the College Board. If the exam is not attempted, the student's GPA for that AP class will be calculated using the Regular Scale score rather than the AP/Honors Scale. This course meets at least one of the California State University and University of California "A-G" requirements.

ENGLISH 12 GRADE: 12

Prerequisite: None

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 and University of California "A-G" requirements.

UP ENGLISH 12

GRADE: 12

Prerequisite: Satisfactory grade in UP English 11 of a "B" or better; grade of "A" or "B" in English 11 and instructor recommendation

This senior course covers a spectrum of British authors throughout history. Students will read many important British classics from Beowulf and The Canterbury Tales to modern-day works using Holt Literature and Language Arts and the Holt Handbook. To master the state standards, students will study the writing process, literature, vocabulary, and grammar. Outside reading will be required. Expectations are high to prepare students realistically for college assignments. Writing strategies will include modules from the CSU Expository Reading and Writing Course (ERWC) in preparation for college. These modules include texts that convey factual information from a variety of sources such as magazines, newspapers, and the Internet. A research paper is required. Daily homework is expected. This course meets at least one of the California State University and University of California "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 class 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 discourse during class discussions. Daily homework is expected. Expectations are high and deadlines are firm. 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. AP students are required to take the AP exam as part of their learning experiences regardless of whether they wish to send their score to colleges. Taking these courses does not guarantee that you will pass the AP exam given by the College Board. If the exam is not attempted, the student's GPA for that AP class will be calculated using the Regular Scale score rather than the AP/Honors Scale. This course meets at least one of the California State University and University of California "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 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.

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 to Engineering and Manufacturing Technologies

Engineering & Manufacturing Technologies 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 Ag 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, 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: 10-12

See description in the agriculture section.

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.

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.

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.

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.

CONSTRUCTION & MANUFACTURING TECHNOLOGIES I, II, III, IV

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: 9-10

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 and University of California “A-G” requirements.

INTEGRATED MATHEMATICS 1A AND 1B GRADES: 9-10

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. Together these courses meet one of the California State University and University of California “A-G” requirements.

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 and University of California “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. Together these courses meet one of the California State University and University of California “A-G” requirements.

INTEGRATED MATHEMATICS 2 HONORS GRADES: 10-11

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 and University of California “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 and University of California “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 and University of California "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 and University of California "A-G" requirements.

ADVANCED PLACEMENT CALCULUS AB GRADES: 11-12

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 class 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. 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. AP students are required to take the AP exam as part of their learning experiences regardless of whether they wish to send their score to colleges. Taking these courses does not guarantee that you will pass the AP exam given by the College Board. If the exam is not attempted, the student's GPA for that AP class will be calculated using the Regular Scale score rather than the AP/Honors Scale. This course meets at least one of the California State University and University of California "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 class 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 class 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 and University of California "A-G" requirements.

ACCOUNTING I

GRADES: 10-12

Prerequisite: None. Computer Applications and Foundations of Business and Personal Financial Literacy if completing the 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 articulated with Yuba Community College. Students can earn Yuba College credits by completing this course and the articulation requirement. This course counts toward the fourth year Math graduation requirement.

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.

PERSONAL FINANCIAL LITERACY

GRADES: 11-12

Prerequisite: *None. Computer Applications and Foudation of Business if completing the 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 counts toward the fourth year Math graduation requirement.

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 class is designed to meet the needs of freshmen and sophomore boys and girls who are required to enroll in physical education. The class may be taken by juniors and seniors as an elective.

WEIGHT TRAINING

GRADES: 9-12

Prerequisite: *None*

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. This course can count towards the physical education graduation requirement.

SCIENCE

AGRICULTURAL EARTH SCIENCE

GRADES: 9-12

See description in the agriculture section.

EARTH SCIENCE

GRADES: 9-10

Prerequisite: *Currently enrolled in Integrated Math 1 or higher 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.

AGRICULTURE SCIENCE I

See description in the agriculture section

AGRICULTURE SCIENCE II / AGRICULTURE LEADERSHIP

GRADES: 10-12

See description in the agriculture section

LIFE SCIENCE

GRADES: 10-11

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

Students in this class 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. This class satisfies the science requirement for graduation, but is NOT an "A-G" course.

BIOLOGY

GRADES: 10-12

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*

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 is a college preparatory class that meets Sutter High's science requirement. This course meets at least one of the California State University and University of California "A-G" requirements.

SUSTAINABLE AGRICULTURE

GRADES: 10-12

See description in the agriculture section.

CHEMISTRY

GRADES: 11-12

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 class, 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 and University of California “A-G” requirements.

PHYSICS

GRADES: 11-12

Prerequisite: Integrated Mathematics 3 or concurrently enrolled in Integrated Mathematics 3 with grades of C 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 and University of California “A-G” requirements.

ADVANCED PLACEMENT BIOLOGY

GRADES: 11-12

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. 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. AP students are required to take the AP exam as part of their learning experiences regardless of whether they wish to send their score to colleges. Taking these courses does not guarantee that you will pass the AP exam given by the College Board. If the exam is not attempted, the student’s GPA for that AP class will be calculated using the Regular Scale score rather than the AP/Honors Scale. This course meets at least one of the California State University and University of California “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.

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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. Grades are calculated on the AP/Honors scale of A=5.

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SOCIAL STUDIES

A.S.B. LEADERSHIP DEVELOPMENT

GRADES: 10-12

Prerequisite: Elected student body officer and/or teacher recommendation

ASB Leadership is a program intended for highly motivated and enthusiastic students who are interested in developing personal and social leadership skills through involvement in organizing and managing activities that benefit the entire school community. Students will have the opportunity to learn leadership concepts and responsibilities in character education that apply to everyday situations in relationships with peers and adults both inside and outside of the classroom.

STUDY SKILLS/HEALTH

GRADE: 9

Prerequisite: *None* (One Semester Class)

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.

DRIVER EDUCATION/DECISION MAKING

GRADE: 9

Prerequisite: *None* (One Semester Class)

Driver Education: The purpose of this class is to make the student a well-informed driver and to improve the student's driving skills. Students will be provided with relevant information and statistics. As students learn about the factors that have an impact on the driving test, they will gain the confidence necessary to become safe, responsible drivers. Decision Making includes techniques of educational and career exploration. Students are helped with relating interests, aptitudes, and values to both educational and career choice. Students will become familiar with CaliforniaColleges.edu, while researching careers for a five paragraph essay. The course will introduce the basics of First Aid and CPR to finish out the semester.

WORLD STUDIES

GRADE: 10

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 and University of California "A-G" requirements.

UNITED STATES HISTORY

GRADE: 11

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 and University of California "A-G" requirements.

ADVANCED PLACEMENT UNITED STATES

HISTORY GRADE: 11

Prerequisite: *B in World Studies, Excellent Attendance and Teacher Recommendation*

This is a limited enrollment class for college bound juniors. The aim of this course is to provide students with an introductory level college U.S. History curriculum. The course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States History. Grades are calculated on the AP/Honors scale of A=5.

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AMERICAN GOVERNMENT

GRADE: 12

Prerequisite: *None* (One Semester Class)

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 and University of California "A-G" requirements.

ECONOMICS

GRADE: 12

Prerequisite: *None* (One Semester Class)

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 and University of California "A-G" requirements.

ADVANCED PLACEMENT GOVERNMENT/POLITICS & MICROECONOMICS

GRADE: 12

Prerequisite: *Excellent Attendance and Teacher Recommendation*

One Semester AP Government/One Semester AP Economics are limited enrollment classes for college-bound seniors. The aim of the course is to provide

the student with a learning experience equivalent to that obtained in an introductory college class. The class involves a theoretical and “hands on” approach to macro and micro economic concepts. Upon completion of AP American Government students are enrolled in AP Economics for the second semester. 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. AP students are required to take the AP exam as part of their learning experiences regardless of whether they wish to send their score to colleges. Taking these courses does not guarantee that you will pass the AP exam given by the College Board. If the exam is not attempted, the student’s GPA for that AP class will be calculated using the Regular Scale score rather than the AP/Honors Scale. This course meets at least one of the California State University and University of California “A-G” requirements.

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 class, 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 and University of California “A-G” requirements.

STUDENT AID
GRADES: 11-12

Prerequisite: Must have recommendation of person with whom they desire to work. 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.

VISUAL & PERFORMING ARTS

California State University and University of California
Approved Visual and Performing Art Courses:

Art 1	Photography
Ceramics 1	AP Studio Art Drawing & 2D Design
Chorus	The Art and History of Floral Design 1 & 2
Theater Arts	
Drama Productions	

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: 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 and University of California “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. Grades are calculated on the AP/Honors scale of A=5.

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CERAMICS 1
GRADES: 10-12

Prerequisite: None

This class is a beginning ceramics class 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 and University of California "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 and University of California "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 and University of California "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 and University of California "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 class 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.

CONCERT/MARCHING 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 concert band performs a number of concerts and community events during the year. The marching band performs at various festivals and competitions, parades, half time shows and other community functions.

CHORUS

GRADES: 9-12

Prerequisite: *Permission of instructor*

This class 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 and University of California "A-G" requirements.

THE ART AND HISTORY OF FLORAL DESIGN 1

Grades: 10-12

See description in the agriculture section.

THE ART AND HISTORY OF FLORAL DESIGN 2

GRADES: 11-12

See description in the agriculture section.

APPLIED PHOTOGRAPHY Level 1

GRADES: 10-12

Prerequisite: None

Applied Photography Level 1 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 and University of California "A-G" requirements.

*Yuba College Articulated Class

APPLIED PHOTOGRAPHY Level 2

GRADES: 11-12

Prerequisite: Grade of B in Applied Photography Level 1 or instructor's permission.

Applied Photography Level 2 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.

APPLIED PHOTOGRAPHY Level 3

GRADES: 12

Prerequisite: Grade of B in Applied Photography Level 2 or instructor's permission.

Applied Photography Level 3 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.

WORK EXPERIENCE

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 class 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).

WORLD LANGUAGE

SPANISH 1

GRADES: 9-12

Prerequisite: Concurrent enrollment in English 9 or UP English 9 for 9th Graders; English 10 or UP 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 and

University of California “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. 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 and University of California “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. 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. More and more difficult homework is assigned. 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 and University of California “A-G” requirements.

HONORS SPANISH 4

GRADES: 11-12

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. 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. More and more difficult homework is assigned. Proficiency and whole-language mastery of Spanish drive the pace of class, 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 and University of California “A-G” requirements.

TRI-COUNTY ROP

Prerequisites for all TRI-COUNTY ROP CLASSES:

- *Successful Completion of 2 years of science including Biology with a “C” or higher*
- *Must be able to provide own transportation to internship site*
- *Recommendation of Counselor*

***ROP - ADVANCED MANUFACTURING GRADE: 11-12**

Prerequisites: See general prerequisite

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 GRADE: 11-12**

Prerequisites: See general prerequisite

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 GRADE: 11-12**

Prerequisites: See general prerequisite. Also, must be 16 years of age or older to provide a valid C.A.I.D.

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**

GRADE: 11-12

Prerequisites: See general prerequisite

Credits per semester: 10

This 540 hour course combines classroom 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. Classroom 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**

GRADES: 9-12

Prerequisite: See general 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.

SENIORS: 4 PERIOD DAY OPPORTUNITY

- Must be in good academic standing at SUHS
- Have a good attendance record
- Get SUHS Counselor recommendation via high school recommendation form
- Prove that you are enrolled in TWO (2) courses through Yuba College.

JUNIORS: 5 PERIOD DAY OPPORTUNITY

- Must be in good academic standing at SUHS
- Have a good attendance record
- Get SUHS Counselor recommendation via high school recommendation form
- Prove that you are enrolled in TWO (2) courses through Yuba College.

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
- JV & Varsity Softball
- JV & Varsity Baseball
- Boys' Tennis
- Golf

CLUBS AND ORGANIZATIONS

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

Re-Registration will open July 26 and will stay open until August 6th

How to Complete the Re-Registration Process

- Go to www.sutterhuskies.com
- Click Parent 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

- Explore California colleges, admissions, finance, etc.

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

- ACT Test

www.calstate.edu/apply

- Information on California State Universities
- Financial information included

www.universityofcalifornia.edu

- University of California undergraduate & related links

www.fafsa.ed.gov

- Free Application for Federal Student Aid (for Seniors)

www.eligibilitycenter.org

- NCAA ELIGIBILITY CENTER

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.