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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



2019 — 2020

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 DISTRICT

“Raising Expectations” PROCEDURES AND ROUTINES

EACH STUDENT IS EXPECTED TO:

- 1. BE ON TIME.**
- 2. TAKE RESPONSIBILITY FOR ACADEMIC SUCCESS.**
- 3. PICK UP AFTER YOURSELF.**
- 4. WEAR ACCEPTABLE CLOTHING.**
- 5. ALWAYS DO YOUR BEST.**

SET HIGH STANDARDS FOR YOUR CONDUCT, YOUR SUCCESS DEPENDS ON IT!

The administration, board of trustees, and staff are dedicated to providing all students with the opportunity of gaining a vigorous and meaningful education that will include specific academic and vocational core curriculum. Sutter Union High School District maintains high academic standards for **all** students.

We believe that high standards of student behavior and good attendance enhance student achievement. We value high quality student activity programs that complement and support our academic standards.

Our mission will be realized through cooperative efforts of the board of trustees, administration, staff, community, and students.

SUTTER UNION HIGH SCHOOL

2019 - 2020 REGISTRATION INFORMATION

SUTTER UNION HIGH SCHOOL GRADUATION REQUIREMENTS

1. TOTAL CREDITS REQUIRED —250 CREDITS

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

2. SENIOR YEAR PORTFOLIO AND JOB SHADOW

IN CONJUNCTION WITH THE AMERICAN GOVERNMENT/ECONOMICS CLASS, EACH SENIOR WILL PRODUCE A "CAREER PORTFOLIO" AND JOB SHADOW A PROFESSIONAL FROM THE COMMUNITY.

3. SUBJECT REQUIREMENTS

ENGLISH 40 CREDITS (4 YEARS)

MATH 40 CREDITS (4 YEARS)
CLASS OF 2021 ONWARD

SCIENCE 20 CREDITS (2 YEARS) Ag or Science Department
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)

All courses in the Agriculture Department, Business Department, Home Economics Department, Industrial Technology Department, Psychology, and all on and off campus CTE Courses.

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)*	

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. Many options available 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 the next page is 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 Career Guidance 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, 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 Algebra 2/ 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 Algebra 2/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. It does this by reviewing the student-athlete 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.

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 (4 years required)	40	Minimum Required 10	Minimum Required 10	Minimum Required 10	Minimum Required 10
SCIENCE Ag or Science Dept. Phys. Science/Earth Science 10 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	Physical Education		
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 (4 years required)	40				
SCIENCE Ag or Science Dept. Phys. Science/Earth Science 10 Life Science 10	20				
SOCIAL SCIENCE	40				
PHYSICAL EDUCATION	20				
VOCATIONAL EDUCATION	10				
FINE ARTS and/or WORLD LANGUAGE	10				
TOTAL CREDITS	250				

AGRICULTURE

AGRICULTURE SCIENCE I

GRADES: 9-12

Prerequisite: None

Ag 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 I recommended)

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, and the agriculture industry needs spokespersons and leaders to represent it in an increasingly urban population. 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 Int. Math 1 or higher and reading at least the 9th grade level.

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.

*FARMEQUIPMENT AND METAL FABRICATION

GRADES: 10-12

Prerequisite: Introduction to Engineering & Manufacturing Technologies.

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.

*Yuba College Articulated Class

PRE-AG SHOP (Girl's Shop)

GRADES: 9-12

Prerequisite: None

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 (Agriculture I is recommended).

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: Agricultural Earth Science or Earth Science

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" requirements.

BUSINESS

The Sutter Union High School Business Department has been a competitive force in FBLA and DECA for the past 15 years. We are now offering students the opportunity to be certified program completers in Marketing or Finance in the CTE Business program. All business courses provide students with the opportunity to participate in the co-curricular DECA organization—an international organization that prepares emerging leaders and entrepreneurs to be college and career ready.

Any business course can be taken as a stand-alone course. However, we recommend the following course sequences for those who wish to complete the entire program.

Marketing Pathway:

Computer Application (grade 9)
Foundations of Business, Marketing & Finance (grade 10)
Sports/Entertainment Marketing – semester course (grade 11)
Social Media Marketing – semester course (grade 11)
Entrepreneurship (grade 12)

Finance Pathway:

Foundations of Business, Marketing & Finance (grade 9)
Personal Financial Literacy or Computer Applications (grade 10)
Accounting I (grade 11)
Accounting II (grade 12)

ACCOUNTING I

GRADES: 10-12

Prerequisite: None

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. Computer applications of accounting practices and concepts will be included in the course. 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 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.

DECA LEADERSHIP

GRADES: 10-12

Prerequisite: Computer Applications/Principles 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. This course will provide students with an opportunity to select a career cluster/pathway as a focus and to earn Industry Certifications through the iCEV platform.

COMPUTER APPLICATIONS

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 in introduction to role playing and job interviewing.

FOUNDATIONS OF BUSINESS, MARKETING & FINANCE (formerly Principles of Business)

GRADES: 9-12

Prerequisite: None

This project-based learning course will prepare students for the modern business world by exploring themes of marketing, leadership, entrepreneurship, financial management, and employment. Students will use what they learn to create a comprehensive business plan portfolio detailing their own practical business idea. Watch out Shark Tank, we are preparing young entrepreneurs!

GRAPHIC COMMUNICATION 1

GRADES: 10-12

Prerequisite: Computer Applications/Principles of Business & 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

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: 11-12

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.

PERSONAL FINANCIAL LITERACY

GRADES: 11-12

Prerequisite: *None*

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.

PRODUCT DEVELOPMENT, DESIGN, & MARKETING/ YEARBOOK

GRADES: 9-12

Prerequisite: *Grade B or above in English and Computer Applications/Principles 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.**

SOCIAL MEDIA MARKETING

GRADES: 10-12 (One Semester Class)

Prerequisite: *Computer Applications or Principles of Business*

This is a marketing course designed to build students' social media marketing skills by utilizing projects that give students hands on experience implementing social media marketing strategies. This course helps students develop an extensive understanding of marketing concepts and theories that apply to social media marketing & business.

SPORTS, ENTERTAINMENT MARKETING

GRADES: 10-12 (One Semester Class)

Prerequisite: *Computer Applications or Principles of Business*

This is a marketing course designed to build students' social media marketing skills by utilizing projects that give students hands on experience implementing social media marketing strategies. This course helps students develop an extensive understanding of marketing concepts and theories that apply to social media marketing & business.

3-D ANIMATION 1

GRADES: 10-12

Prerequisite: *Computer Applications or Principles 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*

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: 11-12

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: *Student must be a freshman.*

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 the 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: *Student must be a sophomore.*

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: *Student must be a junior.*

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. The curriculum is designed to prepare students for the expectations and types of questions they will encounter on the AP Language and Composition Exam, which enrolled students are expected to take in May for potential college credit. Grades are calculated on the A = 5 scale. Daily homework is expected. Expectations are high and deadlines are firm. This course meets at least one of the California State University and University of California “A-G” requirements.

ENGLISH 12

GRADE: 12

Prerequisite: *Student must be a senior.*

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 disclosure during class discussions. The curriculum is designed to prepare students for the expectations and types of questions they will encounter on the AP Literature and Composition Exam, which enrolled students are expected to take in May for potential college credit. Grades are calculated on the A=5 scale. Daily homework is expected. Expectations are high and deadlines are firm. This course meets at least one of the California State University and University of California “A-G” requirements.

ENGLISH LANGUAGE DEVELOPMENT (ELD) 1

GRADES: 9-12

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 (ELD) 2

GRADES: 9-12

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.

HOME ECONOMICS

FOOD SERVICES ASSISTANT

GRADES: 11-12

Prerequisite: None

Credits per semester: 5 to 15

Whether you’re interested in a summer job or a career, Food Services will help you. You’ll learn by doing! Responsibility, organization, cleanliness and helping others are just a few of the skills you will learn while preparing foods in a commercial type fast food kitchen. Learn to make mass amounts of cookies, tacos, pizzas, hamburgers, fries and more. There is never a dull moment in the Husky Haven Deli! Ten to fifteen credits may be earned (1-2 hour class plus lunch). You must work at lunch for a minimum of 15 minutes to receive lunch lab credits (5 per semester).

INDUSTRIAL TECHNOLOGY

INTRODUCTION TO ENGINEERING & MANUFACTURING TECHNOLOGIES

GRADES: 9-10

Prerequisite: None

Introduction to Engineering & Manufacturing is a year long 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.

ENGINEERING & MANUFACTURING TECHNOLOGIES I

GRADES: 10-12

Prerequisite: None

Engineering & Manufacturing Technologies I 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 Engineering & Manufacturing Technologies, 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.

***FARMEQUIPMENT AND METAL FABRICATION**

GRADES: 10-12

Prerequisite: *Introduction to Engineering & Manufacturing Technologies.*

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 and 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: *None*

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; 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. This course meets at least 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. This course meets at least 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 or better and teacher recommendation or completion of Integrated 2 with a B or better 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 Algebra 2 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.

AP 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. 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 or Algebra 2 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. Recommended for college bound students. This course meets at least one of the California State University and University of California "A-G" requirements.

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 year long 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. *Freshmen who take this course cannot take it as a zero period class.

SCIENCE

AGRICULTURAL EARTH SCIENCE

GRADES: 9-12 See description in the agriculture section.

EARTH SCIENCE

GRADES: 9-10

Prerequisite: Currently enrolled in Int. Math 1 or higher and reading at least the 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 and AGRICULTURE SCIENCE II/ AGRICULTURE LEADERSHIP

*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 with a B or better. Must be currently enrolled in Integrated 1 Math or above. Freshmen may enroll in Biology with written permission from their 8th grade science instructor.

This course is designed for freshmen who excelled in a strong 8th grade curriculum and who are capable of 4 years of college preparatory science. 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 Int. Math 1 and Biology, or permission of instructor. Must also be enrolled in Integrated 2 Math 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. 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

This AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as a freshman, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. The Big Ideas are 1: Structure of matter 2: Properties of matter-characteristics, states, and forces of attraction 3: Chemical reactions 4: Rates of chemical reactions 5: Thermodynamics 6: Equilibrium. AP Chemistry is open to all students that have completed a year of chemistry who wish to take part in a rigorous and academically challenging course. This course meets at least one of the California State University and University of California “A-G” requirements.

ADVANCED PLACEMENT PHYSICS I

GRADES: 11-12

Prerequisites: Concurrent enrollment in Pre-Calculus or AP Calculus.

The Physics B course is a full year course and includes topics in both classical and modern physics. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems are the major goals of the course. The student will be expected to take the AP Physics B Test in May. Passing the test can provide college credit depending on the college and the passing score. The student will also receive an extra grade point (e.g. A = 5) for completing this rigorous course.

AP Physics B provides instruction in each of the following five content areas: Newtonian mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. This course meets at least one of the California State University and University of California “A-G” requirements.

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.

AP WORLD HISTORY

GRADE: 10

Prerequisite: Excellent Attendance, Teacher Recommendation, and Application & Transcript.

AP World History focuses on developing students' abilities to think conceptually about world history from approximately 800 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance - focusing on the environment, cultures, state-building, economic systems, and social structures - provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions. Advanced Placement courses require a higher level of commitment than a regular class. AP coursework is college level work. Students will have the option to take the AP exam at the end of the course to gain college credit. This course meets the World Studies graduation requirement as well as meeting 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, Teacher Recommendation, and Application & Transcript.

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, while at the same time preparing students to take the Advanced Placement U.S. History examination. The Advanced Placement examination is given nationally every spring. Students passing the exam will receive college credit for the course. 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. This course meets at least one of the California State University and University of California "A-G" requirements.

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, Teacher Recommendation, and Application & Transcript.

One Semester AP Government/One Semester AP Economics are a limited enrollment class 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. It is also designed to prepare students for the Advanced Placement Examination given nationally every spring which enables students to receive college credit. 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. These courses meet 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 prep 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, social problems, and more. 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

University of California and California State University
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	

ART 1 - 2 - 3 - 4

GRADES: 9-12

Prerequisite: Art 1 with a grade of B or better for Art 2-3-4.

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.

AP 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. A minimum of 2 years of Art with a grade of B or better as well as teacher approval is required to take this course. Summer homework will be assigned before the school year begins. This course meets at least one of the California State University and University of California “A-G” requirements.

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. 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 potters 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 or their equivalent at other schools 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 and THE ART AND HISTORY OF FLORAL DESIGN 2

* See description in the agriculture section.

APPLIED PHOTOGRAPHY Level 1

GRADES: 10-12

Prerequisite: *None*

This is a hands-on experience class designed to provide entry level employment training to those students interested in a photography related career. Or, for those students who would like to learn about photography as a leisure-time activity, this class will fill the bill. As part of a wide variety of topics and activities, the student will learn about tools and materials used, including 35mm film cameras and state-of-the-art digital camera systems. In addition, the student will experience processing and printing black and white film, hand coloring black and white photographs and other photo production techniques used in the industry today. As digital photography has basically replaced film photography for consumers, the various techniques of image capture, manipulation, and output will be presented. The student will learn to use state-of-the-art equipment and software to produce a variety of creative photographs. The final goal will be to produce a quality portfolio of eye catching images which will attest to the photographer's newly acquired talents and skills. A \$10.00 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 Beginning Photography or permission of the instructor*

During this year of instruction, various specialties of photography will be explored beyond what was covered during the beginning class. This area of specialization will include Fine Art Photography, Still Life Photography, Photo Illustration – food, advertising, fashion, product, etc., Sports Photography, Portraiture, Photo Restoration, and Event Coverage. A portfolio of quality work will be assembled throughout the school year. As the objective of this level of instruction is to further enhance the employability of the student in any photo related position for which he or she might apply, general job related skills will continue to be taught throughout the year. A \$10.00 materials fee is required each semester.

APPLIED PHOTOGRAPHY Level 3

GRADES: 11-12

Prerequisite: *Grade of "A" in Intermediate Photography or permission of the instructor*

Specific areas of specialization, as chosen by the student, will be explored further. As work is completed, additional selected photographs will be added to the portfolio. A \$10.00 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 3.)*

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 (Native speakers of Spanish in 9th or 10th grade should begin Spanish instruction with SPANISH 3.)*

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.

SPANISH 3

GRADES: 9-12

Prerequisite: *native speakers in 9th and 10th grades may enroll in this class without prerequisites; other 10th, 11th, and 12th grade students must have completed SPANISH 2 with a C+ or better the previous year and with a B+ or better if more than a year has elapsed.* 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. 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 4

GRADES: 10-12

Prerequisite: *students must have completed SPANISH 3 with a C+ or better the previous year and with a B+ or better if more than a year has elapsed; HONORS SPANISH 3 with a D+ or better if the previous year; C+ or better if longer.*

SPANISH 4 continues with TPRS or Teaching Proficiency through Reading and Storytelling after a review of SPANISH 1, 2 and 3, 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. 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 or SPANISH 3 with a B- or better.*

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. **Students at semester who have earned a D+ or below will be transferred to Spanish 3.** 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; SPANISH 4 with an A- or better; 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. **Students at semester who have earned a D+ or below will be transferred to Spanish 4.** This course meets at least one of the California State University and University of California “A-G” requirements.

TRI-COUNTY ROP

***ROP - ADVANCED MANUFACTURING**

GRADE: 12

Prerequisites:

- *Successful Completion of 2 years of science including Biology with a “C” or higher*
- *Successful completion of 2 years of math including Integrated I with a “C” or higher*
- *Successful completion of 3 years English with a “C” or higher*
- *Completion of a career assessment indicating interest*
- *Must be able to provide own transportation to internship site*
- *Recommendation of Counselor*

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: 12

Prerequisites:

- *Successful Completion of 2 years of science including Biology with a “C” or higher*
- *Successful completion of 2 years of math including Integrated I with a “C” or higher*
- *Successful completion of 3 years English with a “C” or higher*
- *Completion of a career assessment indicating interest*
- *Must be able to provide own transportation to internship site*
- *Recommendation of Counselor*

Credits per semester: 10

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: 12

Prerequisites:

- *Must be 16 years of age or older to provide a valid C.A.I.D.*
- *Successful Completion of 2 years of science including Biology with a “C” or higher*
- *Successful completion of 2 years of math including Integrated I with a “C” or higher*
- *Successful completion of 3 years English with a “C” or higher*
- *Completion of a career assessment indicating interest*
- *Must be able to provide own transportation to internship site*
- *Recommendation of Counselor*

Credits per semester: 10

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 - AEROSPACE ENGINEERING/INTRO TO AIRCRAFT TECHNOLOGY

GRADE: 12

Required co-requisite: Intro to Aircraft Technology

This is a blended 300 hour course that is comprised of Intro to aircraft technology and aerospace engineering.

Intro Aircraft Technology

Required co-requisite: Aerospace Engineering

Introduction to Aircraft Technology is designed to teach the theory of operation of aircraft airframes, power plants, and associated maintenance and repair practices. Maintenance and repair practices include knowledge of the function, diagnosis, and service of general curriculum subjects, airframe structures, airframe systems and components, power plant theory and maintenance, and power plant systems and components of aircraft. Industry recognized professional licensures, certifications, and registrations are available for students who meet the requirements set forth by the accrediting organization. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Aerospace Engineering PLTW

Prerequisite(s): Introduction to Engineering Design; Algebra II or concurrent enrollment in Algebra II. Principles of Engineering recommended.

AEROSPACE ENGINEERING - PROJECT LEAD THE WAY

This Project Lead the Way course propels students learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. Students will participate in the building of a Van's RV-12 airplane. This class will involve travel to the Sutter County Airport on some class days. Possible college credit available based PLTW EOC exam score.

IT'S
A
GREAT
DAY
TO BE
A
HUSKY

SENIORS: 4 PERIOD DAY OPPORTUNITY

- Must be in good academic standing at SUHS
- Have a good attendance record
- Get SUHS Counselor recommendation via pink high school recommendation form
- Prove that you are enrolled in TWO (2) ON CAMPUS courses through Yuba College that requires you to attend Yuba College between 12:30 pm and 3:30 pm

JUNIORS: 5 PERIOD DAY OPPORTUNITY

- Must be in good academic standing at SUHS
- Have a good attendance record
- Get SUHS Counselor recommendation via pink high school recommendation form
- Prove that you are enrolled in TWO (2) ON CAMPUS courses through Yuba College that requires you to attend Yuba College between 1:30 pm and 3:30 pm





New 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 August 1st and will stay open until August 16th

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

ATHLETICS

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

CLUBS AND ORGANIZATIONS

- DECA
- Band
- Historical Tractor & Construction Equipment Club
- National FFA Organization
- Interact Club
- Sutter Live - Live Streaming (TriCaster)
- Youth Alive
- International Club
- Friday Night Live
- Loud Crowd
- Sutter High School Amateur Radio Club
- California Scholarship Federation
- CREATE
- Student Council
- Gaming Club
- Block S
- Art Club
- SRA
- Junior Statesman of America (JSA)/ Speech and Debate Club
- Drama 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 504 Coordinator:	Rick Giovanonni	(530) 822-5161 Ext: 204
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

SUTTER UNION HIGH SCHOOL
Expected School-wide Learning Results
(E.S.L.R.s)

Sutter Union High School will prepare all students to become:

Socially Responsible Citizens who:

- Demonstrate integrity and honesty;
- Accept individual and group responsibility;
- Demonstrate respect for self and respect of needs, ideas, opinions and property of others.

Critical and Creative Thinkers who:

- Identify, locate, acquire and organize information or data;
- Use information to make informed decisions and solve problems independently and as a team;
- Apply learned skills to real life situations.

Effective Communicators who:

- Use basic communication skills; reading, writing, speaking and listening to communicate ideas to others;
- Interpret, apply and respond to verbal and written instructions;
- Express themselves in a variety of media which include art, music and theater.

Technologically Literate Individuals who:

- Use technology to solve problems and achieve goals;
- Use technology to acquire, evaluate, organize, interpret and communicate data;
- Demonstrate a working knowledge of the computer, ability to use applications and efficiently navigate the internet.

Productive and Self Sufficient Members of Society who:

- Develop life skills necessary to succeed as a contributing member of a global society;
- Demonstrate solid work ethic, punctuality and reliability;
- Commit themselves to become a lifelong learner through setting and obtaining personal and career goals.

Adopted by the Board of Trustees July 11, 2000

CAREER PATHWAYS

Sutter Union High School offers 16 Career Cluster Pathways. Each cluster has recommended classes to take while in high school that corresponds to the level of additional education you may wish to pursue. Selecting a career cluster will provide you with an area of focus, making your high school education a true preparation for YOUR future.

- *Agriculture & Natural Resources*
- *Architecture & Construction*
- *Arts, A/V Technology, & Communications*
- *Business Management & Administration*
- *Education & Training*
- *Finance*
- *Government & Public Administration*
- *Health Sciences*
- *Hospitality & Tourism*
- *Human Services*
- *Information Technology*
- *Law, Public Safety, Corrections & Security*
- *Manufacturing*
- *Marketing*
- *Science, Technology, Engineering & Mathematics*
- *Transportation, Distribution & Logistics*

Details about each Career Cluster can be found in the [Counseling](#) section of our web site www.sutterhuskies.com or pick up a brochure in the Counseling & Career Center.



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
- AP Program Information

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.