



RED BLUFF HIGH SCHOOL

REGISTRATION HANDBOOK

2022-23

AGRICULTURE

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Adv. Floral Design	10-12	Year
Ag Biology (P)	9-10	Year
Ag and Soil Chemistry (DE)	10-12	Year
Ag Earth Science (P)	9-10	Year
Ag Leadership	10-12	Year
Ag Natural Resource	11-12	Year
Ag Mechanics I	9-10	Year
Ag Mechanics II	10-12	Year
Ag Mechanics III	10-12	Year
Ag Mechanics IV	10-12	Year
Animal Science (P)	10-11	Year
Floral Design (P)	10-12	Year
Vet Tech	11-12	Year

ADVANCED FLORAL DESIGN

GRADE LEVEL: 10-12

PREREQUISITE: *B or better in Floral Design*

DURATION: Year

CREDIT: Meets the fine arts requirement for high school graduation.

Course Description: This course allows students to learn professional florist skills for employment in the floral field. Students will explore the floral industry on a more technical and advanced level including the proper care and handling of flowers, plants, and foliage; evaluate floral materials and arrangements; utilize floral tools, supplies and products to apply design principles to floral medium; construct arrangements for all occasions; display, price and market floral designs; and preserve floral materials as students run the Red Bluff High School Floral Shop. Students will help with budgeting, inventory, supply orders, and customer orders. The art elements and principles of design will serve as a foundation for each unit covered. After completion of this class, students will be prepared to secure a job in the floral industry. During the spring semester, students will be placed in the community in order to gain real-world work experience in the floral industry. Students will automatically become members of the FFA and participation in FFA activities and supervised agricultural experience programs will be a graded component of the course.

AG BIOLOGY (P)

GRADE LEVEL: 9-10

PREREQUISITE: *Teacher Recommendation*

DURATION: Year

CREDIT: One year of the life science requirement for graduation and meets one year of the “D” requirement for entry into a UC or CSU.

Course Description: The course emphasizes detailed knowledge of molecular and cellular aspects of living things, structure and function of plants and animals, genetics, plant and animal diversity and the principles of classification, ecological relationships and animal behavior. The agriculture department centers their teaching on a “learn-by-doing” philosophy, so students will get to apply what they are learning through hands-on projects and lessons in the greenhouse and school farm.

AG EARTH SCIENCE (P)

GRADE LEVEL: 9-10

DURATION: Year

CREDIT: One year of the physical science requirement for graduation and meets the “D” requirement for entry into a UC or CSU.

Course Description: This course will consist of studies pertaining to Earth science and general physical science ideas including atoms and matter, soil, rocks, minerals, California geology, space and basic astronomy. This class will utilize local and regional issues and concerns to stimulate problem solving activities and to foster a sense of Earth stewardship by students in their communities. The agriculture department centers their teaching on a “learn-by-doing” philosophy, so students will get to apply what they are learning through hands-on projects and lessons in the greenhouse and school farm.

AG LEADERSHIP

GRADE LEVEL: 10-12

DURATION: Year

CREDIT: CTE

Course Description: The course is designed to acquaint the student with the theories and principles of personal and servant leadership development and allow the student to integrate such skills to his/her own life and decision-making processes. The student will acquire practical skills and knowledge by exploring elements of group dynamics, advanced planning, parliamentary procedure, public speaking, marketing, etiquette, and gratitude. Because of the nature of this class, student time is not limited to only classroom experiences. Students should plan to be involved in a majority of FFA activities, including attendance at monthly FFA meetings.

AG MECHANICS I

GRADE LEVEL: 9-10

DURATION: Year

CREDIT: CTE

Course Description: The student will build projects designed to teach safe and proper use of common hand tools and power tools. Other areas covered will be tool identification, wood and metal projects, forge works, sharpening of tools and plumbing.

AG MECHANICS II

GRADE LEVEL: 10-12

PREREQUISITE: *Complete Ag Mechanics I or successful completion of a shop class.*

DURATION: Year

CREDIT: CTE

Course Description: The course is a beginning welding class and the content includes the study of all phases of the welding process with electric arc, acetylene and metal inert gas (MIG) welding as related to agricultural structures and industry.

AG MECHANICS III

GRADE LEVEL: 10-12

PREREQUISITE: *Complete Ag Mechanics II*

DURATION: Year

CREDIT: CTE

Course Description: Advanced welding methods and metal fabrication.

AG MECHANICS IV

GRADE LEVEL: 11-12

PREREQUISITE: *Complete Ag Mechanics III*

DURATION: Year

CREDIT: CTE

Course Description: Advanced metal fabrication.

AG SYSTEMS MANAGEMENT (P)

GRADE LEVEL: 11-12

PREREQUISITE: *C or better in Ag Bio and Ag & Soil Chemistry*

DURATION: Year

CREDIT: One year of the science requirement for graduation and meets one year of the "D" requirement for entry into a UC or CSU.

Course description: This class is the third in a rigorous 3-year Ag Science Pathway that combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students will connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program

AG NATURAL RESOURCES

GRADE LEVEL: 11-12

DURATION: year

CREDIT: One year of the physical science requirement for graduation and meets one year of the "G" requirement for entry into a UC or CSU.

Course description: The Wildlife and Natural Resource class explores the importance of natural resources. This includes current environmental issues, California water solutions, habitat restoration, and the importance of technology with e-mail, internet and word processing. Also covered are: wildlife management and conservation, hydrology, soil science, orienteering, aquaculture and forestry.

AG AND SOIL CHEMISTRY (P) (DE)

GRADE LEVEL: 10-12

PREREQUISITE: *C or better in Ag Bio (P), and a grade of "B" or better in Math 1.*

DURATION: year

CREDIT: One year of the physical science requirement for graduation and meets one year of the "D" requirement for entry into a UC or CSU.

Course description: This year long lab science course is designed for the college bound student who is interested in careers in Agriculture or Applied Sciences. The course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an Agriscience research question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program will be an in depth research and experimentation paper that is technically written, based on scientific protocol. Additionally, students will develop and present a capstone

soil management plan for agricultural producers, using the content learned throughout the course. Throughout the course, students will be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program

ANIMAL SCIENCE (P)

GRADE LEVEL: 10-12

DURATION: Year

CREDIT: One year of the life science requirement for graduation and meets the "G" requirement for entry into a UC or CSU.

Course Description: An in depth study of beef, dairy cattle, sheep, swine and horses will be completed. The areas of emphasis will be animal health and nutrition, anatomy and physiology of farm animals, judging and selection, feeds and feeding, breeding programs and marketing of livestock. The areas covered will be reinforced by hands-on experience at the school farm and completion of projects through the Supervised Occupational Experience Program.

FLORAL DESIGN (P)

GRADE LEVEL: 10-12

DURATION: Year

CREDIT: Meets the fine arts requirement for high school graduation and meets the "F" requirement for entry into a UC or CSU.

Course Description: Floral Design is an introductory course on the production of commercial floral arrangements, corsages, and products. The history and principles of floral design will be covered. Students will construct various floral products including arrangements, corsages, holiday, party, and wedding work. An overview of the floral industry includes flower and plant care; sales and business techniques will be presented. Students will develop a portfolio and resume to use when applying for employment in the floral industry. This course meets the fine arts requirement for high school graduation.

VET TECH

GRADE LEVEL: 11-12

PREREQUISITE: *Animal Science or Ag Bio recommended*

DURATION: Year

CREDIT: Meets one year of high school science requirement for graduation.

Course Description: This course covers orientation to the animal care and veterinary medicine fields including the following topics: Career research and job seeking skills; Work ethic/etiquette; Safety and universal health precautions; Medical terminology; Animal behavior, handling and restraint; Animal anatomy and physiology; Nutrition; Microbiology and parasite identification; Pathology; Common surgical procedures; Lab procedures; Vaccine types and administration.

BUSINESS

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Computer Graphics (P)	10-12	Year
Exploring Computer Science	9	Year
Introduction to Business	12	Year
Personal Finance	12	Year

COMPUTER GRAPHICS (P)

GRADE LEVEL: 9-12

DURATION: Year

CREDIT: Meets fine art requirement for graduation and meets the “F” requirement for entry into a UC or CSU.

Course Description: Students will be introduced to the principles, skills, and techniques used for computer graphics through hands-on computer based projects using the Adobe Creative Suite group of programs, which includes Illustrator, Photoshop, InDesign, Flash, Fireworks, and Pixel Bender. In addition, other internet based programs and portable apps will be explored. Combining creative skills with computer skills, students will complete project-based multi-media publications, including a culminating final design portfolio. Students who successfully complete Computer Graphics will be prepared to contribute immediately in the collaborative and team-based RBHS classes of Bluffer and Yearbook.

EXPLORING COMPUTER SCIENCE (P)

GRADE LEVEL: 9

DURATION: Year

CREDIT: Meets FROSH requirement and meets the “G” requirement for entry into a UC or CSU. Dual Enrolled with Shasta College

Course Description This class is designed to be a full-year (180-day) course implemented in the 9th grade. All students who take ECS will be taught technology tools that will help them be successful as a student. Students will have many opportunities for creative expression and exploration in topics of personal interest, whether it be through app development, web design, robotics, game design or connecting technology with the physical world. Through project based collaborative assignments, the course will provide students with hands-on use of software applications while studying computer concepts such as accessing and transmitting information in a networked or cloud based environment ECS introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. The course engages students in computational thinking practices and collaboration strategies, as well as industry-standard tools authentic to how computer science professionals work. Teamwork will be emphasized. Students will learn about professional opportunities in computer science and how computing can be an integral part of all careers today.

INTRODUCTION TO BUSINESS (DE Optional) Spring only

GRADE LEVEL: 12

DURATION: semester

CREDIT: Meets CTE credit

Course Description: A survey course for both business and non-business majors covering the different disciplines (finance, management, and marketing) of business. The course also covers the complexities of the competitive business world and includes additional disciplines such as international business, forms of business ownership, social responsibility and ethics, and entrepreneurship. Designed to provide students with familiarity with basic principles and practices of contemporary business, knowledge of business terminology, and an understanding of how business works within the U.S. economic system. Due to its introductory nature, it is recommended that this course be taken as a first business course. Students will also receive an introduction to online learning through the Canvas LMS.

PERSONAL FINANCE Fall only

GRADE LEVEL: 12

DURATION: semester

CREDIT: Meets CTE credit

Course Description: This course is designed to provide students with the information and decision-making tools needed for planning and implementing a successful lifelong financial plan. Topics will include budgeting, debt management, savings and other investment vehicles, taxes, insurance, and retirement planning. This course may be offered in a distance education format. This course is a dual enrolled course with Shasta Community College. (CSU transferable).

ENGLISH LANGUAGE DEVELOPMENT

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Bridging ELD	9-12	Year
Emerging ELD	9-12	Year
Expanding ELD	9-12	Year

BRIDGING ELD (P):

GRADE LEVEL: 9-12

PREREQUISITE: *Students must be English learners at the intermediate-advanced levels of English language development.*

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU.

Course Description: In accordance with the Common Core State Standards for ELA & Literacy and the English Language Development Standards, we will spend this year developing skills in the areas of reading, writing, speaking & listening, and language. Students will prepare for the rigorous levels of both the reading and writing that will be expected while they attend college or a university.

Bridging ELD, an advanced-level course in English language development, provides all English learners with explicit, rigorous, focused guided instruction in the areas of reading, writing, listening, and speaking. This designated ELD course maximizes their academic language success by accelerating their academic language acquisition and developing transferable academic skills in preparation for the 21st century, careers, life and beyond. This six unit course aligned with the CCSS is focused on informational texts, classic, and contemporary literature. In each unit, students will be learning new vocabulary, keywords, academic and literary words as well as focusing on grammar. We will include a focus on word study and we will be learning and applying a variety of reading strategies. Students will also have an abundance of opportunities for listening and speaking as we go through each and every unit. Students will learn to respond to and analyze texts that will in turn allow them to further develop and be able to communicate their comprehension. Upon meeting the requirements on the English learner master plan, students will be prepared to successfully mainstream into a grade appropriate English course and allow them to be college and career ready.

EMERGING ELD

GRADE LEVEL: 9-12

PREREQUISITE: *Students must be English learners at the beginning or early intermediate level of English language development.*

DURATION: Year

CREDIT: One year of the English requirement for graduation.

Course Description: In accordance with the Common Core State Standards for ELA & Literacy and the English Language Development Standards, students will be developing skills in the areas of reading, writing, speaking & listening, and language. Students will prepare for the rigorous levels of both the reading and writing that will be expected while they attend college or a university.

Emerging ELD, a beginning-level course in English language development, provides all English learners with explicit, rigorous, focused guided instruction in the areas of reading, writing, listening, and speaking. This designated ELD course maximizes their academic language success by accelerating their academic language acquisition and developing transferable academic skills in preparation for the 21st century, careers, life and beyond. This six unit course aligned with the CCSS prepares them for the next levels of ELD, which are Expanding/Bridging ELD. In these courses, they are able to focus more on informational texts, classic and contemporary literature. Students will learn to respond to and analyze texts that will in turn allow them to further develop and be able to communicate their comprehension. In each unit, students will be learning new vocabulary, keywords, academic and literary words, applying learning strategies, as well as focusing on grammar. We will include a focus on word study and we will be learning and applying a variety of reading strategies. Students will also have an abundance of opportunities for listening and speaking as we go through each and every unit. Upon meeting the requirements on the English learner master plan, students will be prepared to successfully mainstream into a grade appropriate English course and allow them to be college and career ready.

EXPANDING ELD

GRADE LEVEL: 9-12

PREREQUISITE: *Students must be English learners at the early intermediate or intermediate levels of English language development.*

DURATION: Year

CREDIT: One year of the English requirement for graduation.

Course Description: In accordance with the Common Core State Standards for ELA & Literacy and the English Language Development Standards, we will spend this year developing skills in the areas of reading, writing, speaking & listening, and language. Students will prepare for the rigorous levels of both the reading and writing that will be expected while they attend college or a university.

Expanding ELD, an intermediate-level course in English language development, provides all English learners with explicit, rigorous, focused guided instruction in the areas of reading, writing, listening, and speaking. This designated ELD course maximizes their academic language success by accelerating their academic language acquisition and developing transferable academic skills in preparation for the 21st century,

careers, life and beyond. This six unit course aligned with the CCSS is focused on informational texts, classic and contemporary literature. In each unit, students will be learning new vocabulary, keywords, academic and literary words as well as focusing on grammar. We will include a focus on word study and learning and applying a variety of reading strategies. Students will also have an abundance of opportunities for listening and speaking as we go through each and every unit. Students will learn to respond to and analyze texts that will in turn allow them to further develop and be able to communicate their comprehension. Upon meeting the requirements on the English learner master plan, students will be prepared to successfully mainstream into a grade appropriate English course and allow them to be college and career ready.

HOME ECONOMICS

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Child Care	10-12	Year (2 Periods)
Child Development	9-12	Year
Health Occupations	11-12	Year (2 Periods)
Intro to Medical Careers	10-12	Year
Therapeutic Services	11-12	Year (2 Periods)

CHILD CARE OCCUPATIONS

GRADE LEVEL: 11-12

PREREQUISITE: *Completed Child Development and can provide your own transportation.*

DURATION: 1 year, 2 periods per day preferred, but can be 1 period per day for 2 years.

CREDIT: CTE

Course Description: Do you like working with kids? Do you think you would like to be a teacher or an aide in a preschool or elementary school? Do you hope to open your own home day care? If the answer is yes, this class is a must for you. It is also geared to students interested in careers related to young children including social services, developmental disabilities specialist, or pediatric nurse/pediatrician. After the first 8 weeks of in-class preparation, each student gets on-the-job training at a school or childcare facility. Community classrooms include infant through pre-kindergarten day care, kindergarten, and elementary classrooms. Three days per week are spent working at the field site placement and 1 day per week is in the classroom. Class time includes careers related to this field of study, safety in the workplace, first aid/CPR certification, mandated reporting trainings and guidance techniques for young children, as well as a wide variety of hands-on creative art, music, language and science/nature activities. Each student will complete a personal professional portfolio including a cover letter, resume and job application Prerequisite: Must be a junior or senior and have passed Child Development with a C or better.

CHILD DEVELOPMENT

GRADE LEVEL: 9-12

DURATION: Year

CREDIT: CTE

Course Description: In this class students will study the growth and development of infant, toddler, and young children. They will learn what a child needs to grow to their optimum potential and what can have a detrimental effect on a child's development. They will learn about developmental theories, nutritional needs of young children, ages and stages of development. Students will have opportunities to interact with young children through projects they will create and activities they will provide your young children. The students in this class will become positive role models for young children. This course is a prerequisite for the Child Care Occupations course. Students must pass Child Development with a C or better to move on to Child Care Occupations

HEALTH OCCUPATIONS

GRADE LEVEL: 11-12

PREREQUISITE: *C or better in Anatomy/Physiology and application*

DURATION: Year (two periods per day)

CREDIT: CTE

Course Description: The CTE Health Occupations program gives students the opportunity to participate in an on-site Community Classroom experience in a local hospital, professional medical or dental office, or skilled nursing facility to observe/learn entry-level skills necessary for employment in their specific field of career interest. Students will receive valuable hands-on experiences that will teach them how to deliver safe, effective, quality healthcare. Students will gain the knowledge and skills to make informed career choices in the healthcare field and will be provided an opportunity to become certified in CPR and First Aid.

INTRODUCTION TO MEDICAL CAREERS

GRADE LEVEL: 10-12

PREREQUISITE: *Teacher recommendation*

DURATION: Year long

CREDIT: CTE

Course Description: This course provides students the opportunity to explore careers in health care while gaining an understanding of the language of medicine through the study of basic word structures and anatomical, pathological, and operative terms used within the body systems. Instruction includes history of health care, study and exposure to health careers, career planning, terminology, ethics, wellness vs. illness, and safety. This course will also guide the students to a Health Career CTE class that provides entrance level job skills. Integrated throughout the course are Career Technical Education standards, which include communication, ethics and interpersonal skills, critical thinking and problem solving, safety, technology, and other employment skills.

THERAPEUTIC SERVICES

GRADE LEVEL: 11-12

PREREQUISITE: C or better in Anatomy/Physiology or take the class concurrently.

DURATION: Year (2 periods per day)

CREDIT: CTE

Course Description: This class is designed to prepare students for an advanced education in healthcare or to prepare them for an entry level profession in the field. Areas of study include: Education requirements for various healthcare careers, CPR and First Aid certification and training, musculoskeletal conditions, wound care and biohazard protocol, body systems, musculoskeletal anatomy and injuries, treatment of musculoskeletal injuries, therapeutic modalities, exercise science, nutrition, and general employment skills. During the second semester, students are placed in a “community classroom” jobsite where they will learn and work in a healthcare setting here in Red Bluff. Students will be able apply for a position in physical therapy, chiropractic, medical office, fire department or health club.

INDUSTRIAL ARTS

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Advanced Robotics	11-12	Year
Advanced Specialized Machine Forming	10-12	Year
AP CSA	10-12	Year
Auto I	10-12	Year
Auto II	11-12	Year (2 Periods)
Automotive Service Community Class	10-12	Year (2 Periods)
Auto Upkeep/Hybrid Alt. Fuel Vehicles	9-12	Year
CNC Machining	11-12	Year
Computer Aided Drafting (CAD)	9-12	Year
Computer Science Equip. Specialist	11-12	Year
Computer Science Principles (CSP) DE	11-12	Year
Construction Technology	11-12	Year
Introduction to Building and Construction	9-12	Year
Introduction to Manufacturing	9-12	Year
Residential and Commercial Construction	10-12	Year

ADVANCED ROBOTICS

GRADE LEVEL: 11-12

PREREQUISITE: *Passed CSP or AP CSA with a C or better*

CREDIT: CTE

Course Description: *This capstone course will consist of the students designing, building and programming of Vex robots. Student teams will be competing in the Nor-Cal Vex Robotics Competition League. Class time will be dedicated to strategizing, building, programming and practicing for the competitions. Students will work collaboratively and use the Engineering Design Process that uses a series of steps to design a solution for problem solving. The second semester class will engage and challenge students to explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students will develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.*

ADVANCED SPECIALIZED MACHINE FORMING

GRADE LEVEL: 11-12

DURATION: Year

CREDIT: CTE

Course Description: This course will build on students skills gained in the Introduction to Manufacturing or other entry level courses by developing competency in operation of the manual mills, manual lathes, sheet metal layout, manual sheet metal forming, CNC mills, CNC lathes, and CNC Brake Press. Students will complete projects that involve all aspects of the machining and forming environment as well as assembly, inspection and testing. Classroom completions will include skills based demonstrations and project performance as well as state, regional and national based competitions that may result in scholarship and grants. Students will work in the shop, receive lectures on course content, complete classroom/homework assignments and work with Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) programs. Successful students will earn a Certificate of Competency as well as possible NIMS industry based certification.

AP COMPUTER SCIENCE A (AP CSA)

GRADE LEVEL: 10-12

PREREQUISITE: *Completion of Computer Science Principles (CSP) or instructor pre-approval. Need to be in Int. Math 2 or higher.*

DURATION: Year

CREDIT: CTE and dual enrolled with Shasta College or you may choose the AP option

Course Description: CSA focuses on further developing computational thinking skills through the medium of Java™ Programming Language and Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. The course curriculum is a College Board approved implementation of AP Computer Science A.

AUTO 1

GRADE LEVEL: 10-12

DURATION: Year

CREDIT: CTE

Course Description: The automotive service class provides basic life skills for current and future student drivers and vehicle owners. These life skills will help you as a consumer throughout the course of vehicle ownership to better understand vehicle systems and the industry as a whole. The course provides training and the necessary skills, knowledge, and hands-on experiences for basic maintenance and repair of personal vehicles. Graduates of this program should have basic knowledge to diagnose service, repair and make adjustments on various automotive systems using current industry-level test equipment, resources and tools.

AUTO 2

GRADE LEVEL: 10-12

Recommended: 16 years of age or older

DURATION: Year (2 periods per day)

CREDIT: CTE

Course Description: The automotive service class provides basic life skills for current and future student drivers and vehicle owners. These life skills will help you as a consumer throughout the course of vehicle ownership to better understand vehicle systems and the industry as a whole. The course provides training and the necessary skills, knowledge, and hands-on experiences for entry-level apprenticeship employment in the Automotive Repair and Transportation careers. Graduates of this program should have sufficient knowledge to diagnose service, repair and make adjustments on various automotive systems using current industry-level test equipment, resources, and tools. An emphasis is placed on electrical, electronics, and computer based skills.

AUTOMOTIVE COMMUNITY CLASSROOM

GRADE LEVEL: 11-12

Prerequisite: 16 years of age or older and a grade of "C" or better in Auto 2.

DURATION: Year (2 periods per day)

CREDIT: CTE

Course Description: The Automotive Community Classroom is designed to provide an off campus work environment for students to acquire skills, knowledge, and abilities in entry-level apprenticeship employment in the Automotive Repair and Transportation careers. Students will spend two hours per day four days each week working in a local automotive business within the community, providing the student with a "real world" work experience setting. The class is offered after lunch during periods 5-6 for experienced automotive students. This class also offers students local employment opportunities in the automotive transportation industry. Most community classroom students are hired by their employers as paid employees by the start of the second semester. Certain restrictions apply.

AUTO UPKEEP/HYBRID & ALTERNATIVE FUEL VEHICLES

GRADE LEVEL: 9-12

DURATION: Year

CREDIT: CTE

Course Description: This course is designed to provide students with fundamental knowledge about cars. It is a consumer based class that will cover car maintenance, repair, buying and selling cars, and more. Additionally, this is a modern service technician's course on hybrid electric vehicles. It combines essential background information with up-to-date, vehicle-specific information on the latest makes. Students will learn procedures they will use on the job, including technical requirements for Chevrolet Volt, Tesla, and Nissan Leaf; the Buick LaCrosse mild hybrid; two-mode operation and transmission operation; high voltage and auxiliary battery locations; the SAE J1772 electric vehicle plug; Level 1, 2 and 3 charging stations; and the latest alternative fuels. It also covers both engine performance (ASE A8 content) and advanced engine performance (ASE L1 content). Students will also learn about oxygenated fuels; propane, CNG, LNG, and synthetic fuels; and electric and plug-in electric vehicles. New information has been added on HV battery testing using a scan tool and procedures for HV battery reconditioning.

CNC MACHINING AND FORMING PROFICIENCY

GRADE LEVEL: 11-12

PRE-REQUISITE: Completed Adv. Machining with a C or better. DURATION: Year

CREDIT: CTE

Course Description: This course will refine students skills gained in Advanced Machining and Forming Technology course by developing proficiency in operation of the manual mills, manual lathes, sheet metal layout, manual sheet metal forming, CNC mills, CNC lathes, and CNC Brake Press. Students will complete projects in a production based environment with rigorous inspection and testing controls. Classroom, regional, state and national completions will include skills based demonstrations and project performance. Students will work in the shop, receive lectures on course content, complete classroom/homework assignments and work with Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) programs. Successful level 3 students will earn a Certificate of Proficiency, successful level 4 students will earn a Certificate of Proficiency, a Certificate of Competency in CAD/CAM and Manufacturing Shop Management as well as possible MIMS industry based certification, scholarship, grants, and internship placements.

COMPUTER AIDED DRAFTING (CAD)

GRADE LEVEL: 9-12

PREREQUISITE: Grade level ability in math and reading

DURATION: Year

CREDIT: CTE

Course Description: This is an introduction to drafting as it applies to engineering and design careers using the computer and the related software as a drawing tool. This course emphasizes the basic drawing techniques and commands for AutoCAD, an internationally used drafting program.

COMPUTER SCIENCE EQUIPMENT SPECIALIST

Grade Level 11-12

Prerequisite: “B” or better in the course in which student is assisting with equipment and final approval by instructor.

Duration: Year

Credit: Elective

Course Description: This course selection provides the student the opportunity to set up equipment, organize supplies and tools, and perform regular maintenance on equipment. The student will manage projects that need to be produced on the machines. They will run various errands between CS classes and the office. They will work between different CS teachers during the selected period.

COMPUTER SCIENCE PRINCIPLES (CSP)(P)(Project Lead the Way)(DE)

GRADE LEVEL: 9-12

PREREQUISITE: Successful completion of Exploring Computer Science ICS (currently at Berrendos), and/or teacher recommendation.

DURATION: Year

CREDIT: CTE and dual enrolled with Shasta College

Course Description: Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSP helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, robotics/automation and game design. The course curriculum is a College Board-approved implementation of AP Computer Science Principles. The course is Dual Enrolled with Shasta College course CIS 076

CONSTRUCTION TECHNOLOGY

GRADE LEVEL: 11-12

CREDIT: CTE

Course Description: This course is comprehensive, building upon foundational skills learned in an introductory class. The course will focus on all aspects of the building process, including site layout/survey, foundations, masonry, floor systems, framing, roofing, exterior finishing, electrical, HVAC, waste systems and plumbing. The course introduces advanced construction concepts and practices as well as management and production practices in current use in the construction industry.

INTRODUCTION TO BUILDING & CONSTRUCTION

GRADE LEVEL: 9-12

CREDIT: CTE

Course Description: This course is intended to be an introductory course focusing on the foundational skills needed in the construction trades and is required for enrollment in advanced career and technical education courses in the Building and Construction Trades Sector. It will include the study of safety, career opportunities, hand and power tools, planning and design, applicable mathematics, blueprint reading, component nomenclature, trade vocabulary, residential and commercial construction standards, construction manufacturing standards, and specialized skills. Competencies related to each standard in the sector are taught.

INTRODUCTION TO MANUFACTURING (DE)

GRADE LEVEL: 9-12

DURATION: Year

CREDIT: CTE and dual enrolled with Shasta College

Course Description: This course will introduce students to the manufacturing practices used in industry today. Students will be introduced to be work place safety, safety compliance requirements, and hazard communication; basic employment skills such as critical thinking, effective work place communication, and self-presentation; effects on the work place of drug abuse and harassment; introduction to identification, chemical composition, physical properties and certifications of metals; introduction to hand tool identification, proper usage, and SAE/Metric sizes; introduction to micrometer, dial caliper, and other inspection tooling; introduction to drill press, belt sander, sheet metal shears, sheet metal brakes, manual mill, and manual lathe; introduction to CNC G-Coding, CNC brake press operation, CNC mill operation, and CNC lathe operation; introduction to lifting and rigging. Students will work in the shop, receive lectures on course content, and complete classroom/homework assignments.

RESIDENTIAL & COMMERCIAL CONSTRUCTION

GRADE LEVEL: 10-12

PREREQUISITE: Introduction to Building & Construction Trades

CREDIT: CTE

Course Description: This course provides individuals with the intermediate skills and information specific to the residential and commercial construction industry. It comprises the study of fasteners and hardware, finishes and coatings, materials, installation techniques, new and emerging technologies, mapping and surveying, levels and transits, foundations and floors, walls and partitions, roof systems, electrical wiring, interior and exterior finishes, floor coverings, metal construction, heating and cooling, plumbing, concrete and brick masonry, insulation, glazing, maintenance, and landscaping.

LANGUAGE ARTS

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Advanced English 9 (P)	9	Year
Advanced English 10 (P)	10	Year
Advanced Journalism	9-12	Semester/Year
AP English Language and Composition(P)	11	Year
AP English Literature and Composition(P)	12	Year
English 1A-College Composition	11-12	Semester
English 9 (P)	9	Year
English 10 (P)	10	Year
English 11 (P)	11	Year
English 12	12	Year
ERWC (P)	12	Year
Introduction to Communications (P)	9-11	Year

ADVANCED ENGLISH 9 (P)

GRADE LEVEL: 9

PREREQUISITE: *Teacher Recommendation*

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU.

Course Description: This course is designed for students capable of accelerated learning. Grammar, literature, vocabulary, and composition skills required for advanced placement preparatory classes are taught. The course teaches reading skills necessary for responding to novels, short stories, plays, poetry, and informational reading.

ADVANCED ENGLISH 10 (P)

GRADE LEVEL: 10

PREREQUISITE: *Teacher Recommendation*

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU.

Course Description: This course is designed to prepare students for AP Language and Composition. Reading, writing, vocabulary, listening and speaking skills are reinforced. Emphasis is placed on literary analysis and developing expository reading and writing skills. A considerable amount of outside independent reading is assigned. In addition, this course addresses the standards for the CAHSEE and SAT tests.

ADVANCED JOURNALISM

GRADE LEVEL: 9-12

PREREQUISITE: *Must have a B or better in prior English classes.*

DURATION: Year

CREDIT: CTE

Course Description: This course publishes the school newspaper, The Bluffer, on a bi-weekly basis. Students must demonstrate skills in the usage of programs such as InDesign, Photoshop and Word. The class also emphasizes collaboration in which students will develop skills in planning, organizing, and meeting deadlines.

AP ENGLISH LANGUAGE AND COMPOSITION (P)

GRADE LEVEL: 11

PREREQUISITE: *B or better in Adv. Composition and required summer reading*

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU.

Course Description: The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their reading and writing should make students aware of interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The purpose of this class is to enable students to write effectively and confidently in their college courses across the curriculum and in their professional and personal life.

AP ENGLISH LITERATURE AND COMPOSITION (P)

GRADE LEVEL: 12

PREREQUISITE: C or better in AP Language and required summer reading

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU.

Course Description: The AP course in AP Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Reading in the course is both wide and deep. Students read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning and analyze how that meaning is embodied in literary form. In addition to considering a work's literary artistry, students reflect on the social and historical values it reflects and embodies. Careful attention to both textual detail and historical context provides a foundation for interpretation. In anticipation of taking the AP English Literature exam, students will generate essays whose quality must be of the highest caliber and obey conventions of literary analysis and prose style analysis, while using literary vocabulary and following writing conventions recommended by the Modern Language Association.

ENGLISH 1A COLLEGE COMPOSITION

GRADE LEVEL: 12

PREREQUISITE: B or better in prior college prep English classes and C or higher in fall semester English 12 (P)

DURATION: Semester

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU and pending approval will count as one semester of transferrable community college English credit.

COURSE DESCRIPTION: This course develops the reading, critical thinking, and writing skills necessary for academic success, emphasizing expository and argumentative writing as well as research and documentation skills. As a transferable course, it presupposes that students already have a substantial grasp of grammar, syntax, and organization, and that their writing is reasonably free from errors. A research paper is required for successful completion of the course. There is a 6000 word minimum (counting Final Drafts only)

Students will write a number of essays —totaling at least 6,000 final-draft words—for different audiences and purposes, using a variety of rhetorical strategies. While students' experience and observation may be included, writing assignments will emphasize responding to and/or incorporating other texts;

Students will write at least one argumentative essay that advocates a position;

Students will write a clear, logically-organized research paper of at least 5 pages, incorporating a minimum of 6 sources, documenting those sources according to current MLA guidelines. You must show competency in these five areas: quotation and summary integration; MLA manuscript format; MLA citation conventions; conventions of written English; and development of the thesis and argument.

Students must complete, at a C level or better, the research paper and all essays to earn credit for this class.

ENGLISH 9 (P)

GRADE LEVEL: 9

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU.

Course Description: This language arts course covers reading skills necessary in responding to novels, short stories, plays, poetry, and informational reading. Reading rate and comprehension are emphasized according to student need. This course also teaches vocabulary. The fundamentals of expository writing are taught; the emphasis of writing will be on eight writing processes and a review of basic grammatical concepts necessary for editing.

ENGLISH 10 (P)

GRADE LEVEL: 10

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU.

Course Description: This language arts class reviews and reinforces reading, writing, vocabulary, listening, and speaking skills. Reading rate and comprehension are stressed according to student need. Emphasis is placed on expository writing as well as practical written communication. The course addresses the standards needed to pass the high school exit exam.

ENGLISH 11(P)

GRADE LEVEL: 11

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the “B” requirement for entry into a UC or CSU.

Course Description: This is a reading and writing course designed to prepare students to successfully interpret and evaluate various genres of American and British literature. Time in class is spent in reviewing selective grammatical concepts, vocabulary, figurative language, technical and essay-writing formats. The course is designed for the student who will be attending a community college, four-year college or university. The class will provide practical help for those taking college entrance tests. The literature focus of the course is writings of twentieth century America.

ENGLISH 12

GRADE LEVEL: 12

DURATION: Year

CREDIT: One year of the English requirement for graduation

Course Description: The course subject matter emphasizes the enjoyment and understanding of reading popular world novels by authors, such as; Ernest Hemingway, Ayn Rand, and Paulo Coelho. The course's main focus is on improving student understanding of stories read, and increasing his/her ability in writing reflective responses and short essays about literary works in the fall semester. Students gain exposure to expository writing on both fiction and non-fiction texts in the spring semester. Reading, writing, and vocabulary skills necessary for grade level mastery are taught. In addition, students will discuss, analyze, and evaluate pertinent social, political, and economic issues that affect all citizens that are present in both modern day literature and film.

EXPOSITORY READING AND WRITING COURSE (ERWC) (P)

GRADE LEVEL: 12

PREREQUISITE: *Recommended for students who score "conditionally ready" on their CAASPP test.*

DURATION: Year

CREDIT: One year of the English requirement for graduation and meets one year of the "B" requirement for entry into a UC or CSU.

Course Description: Students develop proficiency in expository, analytical and argumentative reading and writing. The cornerstone of the course presents a scaffold process for helping students read, comprehend and respond to nonfiction and literary texts. Modules also provide instruction in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and to apply those strategies to their own writing.

INTRODUCTION TO COMMUNICATIONS

GRADE LEVEL: 9-12

DURATION: Year

CREDIT: CTE

Course Description: Introduction to Communication will consist of six units that are 6 weeks in length. The first unit will consist of an overview of the laws and ethics that currently surround issues of the media. Students will study, analyze, and evaluate their First Amendment rights and how these rights translate with current and historical laws, trends, and culture in media forms such as print, broadcast, and internet. The second unit will examine the role and regulations of various social media outlets. The third unit will examine the strategies and effects of advertising in media. The fourth unit will analyze the writing genres in media. The fifth unit will analyze the design elements using in visual media and the final unit will focus on practical application of the said units.

LANGUAGE OTHER THAN ENGLISH

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Adv. Spanish II (P)	10-12	Year
Adv. Spanish III (H)	11-12	Year
AP Spanish (P)	11-12	Year
Spanish I (P)	9-12	Year
Spanish II (P)	9-12	Year
Spanish for Spanish-Speakers II(P)	9-12	Year
Spanish III (P)	11-12	Year

ADVANCED SPANISH II (P)

GRADE LEVEL: 10-12

PREREQUISITE: *Recommended B- or better in Spanish I or placement by department assessment.*

DURATION: Year

Course Description: This fast paced course is designed for the highly motivated student who would like to pursue Spanish studies beyond the second year into Spanish 3 Honors and/or AP Spanish. Grammar and vocabulary will be covered in more depth, as well as familiarity with some grammatical concepts which are not taught in the standard Spanish II curriculum. Students will continue to expand their Spanish knowledge, abilities and cultural understanding through reading, writing, oral conversations, games and short plays. This course covers the present tense in more detail and also introduces and thoroughly practices multiple past tenses.

AP SPANISH LANGUAGE AND CULTURE (P)

GRADE LEVEL: 11-12

PREREQUISITE: *B- or better in Advanced Spanish III (H) and/or teacher recommendation or placement by department assessment.*

DURATION: Year

CREDIT: Meets one year of the visual and performing arts or foreign language graduation requirement. Also meets one year of the “E” requirement for entry into a UC or CSU.

Course Description: The AP Spanish Language and Culture course prepares students for the exam of the same name. It is a college level class that intensely practices interpretive, interpersonal and presentational communication in all modalities (listening, speaking, reading and writing). Language, content and culture are integrated into the study of various themes including: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. This class is taught exclusively in Spanish and students are expected to communicate in Spanish only during class as well.

*Students who complete the four year language study program with a B average or better and/or who pass the AP Spanish Language and Culture Exam with a score of 3 or higher, may be eligible to receive a *Seal of Biliteracy* from the state of California on their diploma. Some English requirements also apply.*

SPANISH I (P)

GRADE LEVEL: 9-12

PREREQUISITE: *9th graders must have 3.0 GPA and be concurrently enrolled in Integrated Math 1 or English 9 (P).*

Grades 10-12: *Recommended C or better in a college prep English class.*

DURATION: Year

CREDIT: Meets one year of the visual and performing arts or foreign language graduation requirement. Also meets one year of the “E” requirement for entry into a UC or CSU.

Course Description: This introductory course presents language and expressions to fulfill basic needs, with a focus on building initial vocabulary and present tense communication. Students will also be exposed to common cultural practices of the Hispanic culture.

SPANISH II (P)

GRADE LEVEL: 10-12

PREREQUISITE: *C or better in Spanish I or placement by department assessment. 9th graders must have 3.0 GPA and be concurrently enrolled in Integrated Math 1 or English 9 (P).*

DURATION: Year

CREDIT: Meets one year of the visual and performing arts or foreign language graduation requirement. Also meets one year of the “E” requirement for entry into a UC or CSU.

Course Description: This college prep class will continue to expand upon the concepts and vocabulary learned in Spanish I through reading, writing, oral conversations, listening and games. This course covers the present tense in more detail and introduces and thoroughly practices past tense communication. This course fulfills the minimum two year requirement for CSU/UC entrance.

SPANISH III (P)

GRADE LEVEL: 11-12

PREREQUISITE: *C or better in Spanish II or placement by department assessment. 9th graders must have 3.0 GPA and be concurrently enrolled in Integrated Math 1 or English 9 (P).*

DURATION: Year

CREDIT: Meets one year of the visual and performing arts or foreign language graduation requirement. Also meets one year of the “E” requirement for entry into a UC or CSU.

Course Description: This course expands all language skills of the student: listening, speaking, reading and writing, with an increased focus on student oral and written skills. All previously studied tenses are examined in further detail and extended, and future actions are introduced. The three moods of Spanish (indicative, imperative and subjunctive) are the main grammatical focus of this class and the cultures of Spanish-speaking countries are studied more explicitly through literature, art, poetry, music and dance. This course is taught mostly in Spanish.

ADVANCED SPANISH III Honors (H)

GRADE LEVEL: 11-12

PREREQUISITE: *C or better in Advanced Spanish II, teacher recommendation or placement by department assessment. 9th graders must have 3.0 GPA and be concurrently enrolled in Integrated Math 1 or English 9 (P).*

DURATION: Year

CREDIT: Meets one year of the visual and performing arts or foreign language graduation requirement. Also meets one year of the “E” requirement for entry into a UC or CSU.

Course Description: This fast paced course is designed for the highly motivated student and expands all language skills of the student: listening, speaking, reading and writing, with an increased focus on student production of oral and written language. All previously studied tenses are examined in further detail and extended, and future actions are introduced. The three moods of Spanish (indicative, imperative and subjunctive) are the main grammatical focus of this class and the cultures of Spanish-speaking countries are studied more explicitly through literature, art, poetry, music and dance. This course is taught almost exclusively in Spanish and is the prerequisite for AP Spanish Language and Culture.



RBHS SPANISH PROGRAM OPTIONS

Besides the fact that bilingualism is beautiful, why do I want to take Spanish?

I want fine arts credits toward graduation and/or to meet university entrance requirements.

SPANISH 1

Meets high school graduation requirements

I want to complete my a-g university entrance requirements.

SPANISH 2(P)

Meets minimum university entrance requirement
Prerequisite for Spanish 3(P)

SPANISH 3(P)

Recommended university entrance requirement

I want to complete my a-g university entrance requirements with opportunities for:

- *Grade Bumps / Weighted GPA*
- *College Credit*
- *California Seal of Biliteracy*

ADVANCED SPANISH 2(P)

SPANISH FOR SPANISH-SPEAKERS 2(P)

Meets minimum university entrance requirement
Prerequisite for Spanish 3 Honors

SPANISH 3(H)

Recommended university entrance requirement
Prerequisite for AP Spanish

HS and UC Weighted GPA

AP SPANISH LANGUAGE & CULTURE

*HS and UC Weighted GPA *

Possible college credit if exam is passed

California Seal of Biliteracy if student passes course and/or exam (with English requirements)

¿Ya hablas o entiendes español?

Toma la prueba del departamento para ver en qué nivel de español debes empezar.

Tenemos *Español para los hispanohablantes* (comparable con Español 2 Avanzado) para los que ya hablan español o es posible empezar en nivel 2 o 3, Prep o Avanzado. Por eso, hay oportunidades de cumplir con los requisitos para la graduación y la universidad con menos años de estudio.

MATHEMATICS

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Advanced Math 2 (P)	9-12	Year
Algebra II (P)	9-12	Year
AP Calculus (H) DE	11-12	Year
Integrated Math I (P)	9-12	Year
Integrated Math IB (P)	9-12	Year
Integrated Math II (P)	9-12	Year
Integrated Math Readiness	9-11	Year
Math Analysis (DE)	10-12	Year
Probability (P)	11-12	Semester
Statistics (P)	11-12	Semester

ADVANCED MATH II(P)

GRADE LEVEL: 9-12

PREREQUISITE: *placement test*

DURATION: Year

CREDIT: One year of the math requirement for graduation and meets one year of the “C” requirement for entry into a UC or CSU

Course Description: This course focuses on quadratic expressions, equations, and functions, and comparing their characteristics and behavior to those of linear and exponential relationships. The need for extending the set of rational numbers arises and real and complex numbers are introduced. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and the surface area and volume of solids. Circles, with their quadratic algebraic representations, are also introduced.

ALGEBRA II (P)

GRADE LEVEL: 10-12

PREREQUISITE: *C or better in Geometry*

DURATION: Year

CREDIT: One year of the math requirement for graduation and meets one year of the “C” requirement for entry into a UC or CSU.

Course Description: The course offers a complete review of the ideas generally taught in Algebra I in greater detail and is designed to prepare the student for enrollment in the state college or university system. Since this is a college preparatory course, the class will be assigned an extensive amount of homework to be completed independently outside of class.

AP CALCULUS (H)

GRADE LEVEL: 11-12

PREREQUISITE: *C or better in Math Analysis*

DURATION: Year

CREDIT: One semester of the math requirement for graduation and meets one year of the “C” requirement for entry into a UC or CSU.

Course Description: This is an honors, Advanced Placement course designed to prepare the student for the College Board Advanced Placement examination. A discovery approach will be used to cover all the traditional topics in first year calculus.

INTEGRATED MATH I (P)

GRADE LEVEL: 9-12

PREREQUISITE: *C or better in Grade 8 math, or teacher recommendation*

DURATION: Year

CREDIT: One year of the math requirement for graduation and meets one year of the “C” requirement for entry into a UC or CSU.

Course Description: The course builds competency in the following conceptual categories: Modeling, Functions, Number & Quantity, Algebra, Geometry and Statistics and Probability. It builds upon those concepts taught in a Common Core K-8 curriculum. The fundamental purpose of Math I is to formulize and extend students’ understanding of Linear and Exponential Functions and their applications.

INTEGRATED MATH II (P)

GRADE LEVEL: 9-12

PREREQUISITE: *C or better in Integrated Math I or Algebra I course*

DURATION: Year

CREDIT: One year of the math requirement for graduation and meets one year of the “C” requirement for entry into a UC or CSU.

Course Description: The course continues to build competency in the following conceptual categories: Modeling, Functions, Number & Quantity, Algebra, Geometry and Statistics and Probability. It builds upon those concepts taught in a Common Core Integrated Math I course. The focus of Integrated Math II is on Quadratic expressions, equations, and functions, and comparing their characteristics and behavior to those of Linear and Exponential relationships from Integrated Math I. The need for extending rational numbers arises, and real and complex numbers are introduced.

INTEGRATED MATH READINESS

GRADE LEVEL: 9-11

DURATION: Year

CREDIT: One year of the math requirement for graduation.

Course Description: This course is designed for students who have had exposure to, but not mastered a significant number of the middle school math content standards. This course is designed for students who need additional support before enrolling in Integrated Math 1. Units will include whole numbers and their operations, rational numbers and their operations, symbolic notation, equations and functions, the coordinate plane, graphing proportional relationships, and Algebra.

MATH ANALYSIS (P)

GRADE LEVEL: 10-12

PREREQUISITE: *C or better in Algebra II*

DURATION: Year

CREDIT: One year of the math requirement for graduation and meets one year of the “C” requirement for entry into a UC or CSU.

Course Description: This class is designed for the advanced math student who plans to attend a college or university and is math/science oriented.

PROBABILITY (P)

GRADE LEVEL: 11-12

PREREQUISITE: *C or better in Integrated Math II, Algebra 2 or teacher recommendation*

DURATION: Semester

CREDIT: One semester of the math requirement for graduation and meets one year of the “C” requirement for entry into a UC or CSU.

Course Description: Random processes can be described mathematically by using probability. Probability uses a list or description of the possible outcomes, each of which is assigned a probability. In situations such as flipping a coin, rolling a number cube, or drawing a card, it might be reasonable to assume various outcomes are equally likely. In a probability model, sample points represent outcomes and combine to make up events; probabilities of events can be computed by applying the Addition and Multiplication Rules. Interpreting these probabilities relies on an understanding of independence and conditional probability. The course also includes an introduction to expected value.

STATISTICS (P)

GRADE LEVEL: 11-12

PREREQUISITE: *C or better in Integrated Math II, Algebra 2 or teacher recommendation*

DURATION: Semester

CREDIT: One semester of the math requirement for graduation and meets one year of the “C” requirement for entry into a UC or CSU.

Course Description: Decisions or predictions are often based on data—numbers in context. These decisions or predictions would be easy if the data always sent a clear message, but the message is often obscured by variability. Statistics provides tools for describing variability in data and for making informed decisions that take it into account. Data are gathered, displayed, summarized, examined, and interpreted to discover patterns and deviations from patterns. The course also includes an introduction to hypothesis testing.

PHYSICAL EDUCATION

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Frosh Physical Education	9	Year
Physical Education	10-12	Year
Strength and Conditioning	10-12	Year

The Physical Education at Red Buff Union High school covers four areas: Fitness activities and assessment, Games & Lifetime sports, Personal Fitness Lab, and Teamwork and Social Skills. During the 18 weeks, the students will learn about physical fitness, be exposed to a variety of different activities and games, some familiar and some new, and work hard to raise their fitness levels.

Students will participate in a daily exercise program designed to improve their fitness levels. Students will assess their present level of fitness, set goals, and work toward reaching their goals.

Students will participate in a personal fitness lab where they will learn about exercise science, nutrition, stress management techniques, and consumer awareness as it relates to fitness. Students will become more aware of what fitness is and why it is very important to maintain a healthy lifestyle, and will learn how to design a fitness plan that can be really used. Students will have the opportunity to become leaders and members of a team, and learn how function in a cooperative group setting.

P.E. Policy

- Freshman P.E. is required of all students for graduation.
- A student, that has not passed the Physical Fitness test but has a B- or higher in their previous Physical Education class **and instructor approval**, can enroll in Strength and Conditioning or Regular Physical Education only.
- Extracurricular sports cannot be used for credit during the freshman year.
- For the second year requirement, beginning in the 10th grade, the school board may waive up to 10 P.E. credits for students who have passed the State Physical Fitness Test and do one of the following:
 - a. complete one year of dance
 - b. participate and complete two seasons of a RBHS sport
 - c. complete 2 years of band

FROSH PHYSICAL EDUCATION

GRADE LEVEL: 9

DURATION: Year

CREDIT: Physical Education

Course Description: Students will be expected to develop skills and characteristics as defined by the six National Physical Education Standards. This course is designed to give students an introduction to physical fitness and to expose them to a variety of different activities designed to raise their fitness levels to perform the best of their ability in the State Physical education testing protocol. These activities may include but not be limited to: Dance, Weight Training, Plyometrics, Agility Training, Personal Fitness design, Nutrition, Aerobics, Badminton, Basketball, Conditioning, Flag Football, Physical Fitnessgram, Soccer, Speedball, Softball, Swimming, Tennis, Frisbee Golf, Ultimate Frisbee, Volleyball, Volley Tennis, Volley Softball, Self Defense, Mat Games, Yoga, Line Dancing, Lip Sync, Pickle ball, Floor Hockey, Bocce Ball, Rugby, and Speedminton.

PHYSICAL EDUCATION

GRADE LEVEL: 10-12

DURATION: Year

CREDIT: Physical Education

Course Description: Students will be expected to develop skills and characteristics as defined by the six National Physical Education Standards. This course is designed to continue to give students information on physical fitness and to expose them to a variety of different activities designed to raise their fitness levels. These activities may include: Dance, Weight Training, Plyometrics, Agility Training, Personal Fitness design, Nutrition, Aerobics, Badminton, Basketball, Conditioning, Flag Football, Physical Fitnessgram, Soccer, Speedball, Softball, Swimming, Tennis, Frisbee Golf, Ultimate Frisbee, Volleyball, Volley Tennis, Volley Softball, Self Defense, Mat Games, Yoga, Line Dancing, Lip Sync, Pickle ball, Floor Hockey, Bocce Ball, Rugby, and Speedminton.

STRENGTH AND CONDITIONING

GRADE LEVEL: 10-12

PREREQUISITE: *Instructor approval for all grades. 10-12th graders need a grade of a B- or better in prior P.E. class 9th graders—if space is available, priority is given to the students who participated in the summer Strength and Conditioning program and/or are participating on a sports team.*

DURATION: Semester

CREDIT: Physical Education

Course Description: Students will be expected to develop skills and characteristics as defined by the six National Physical Education Standards. The focus of Strength and Conditioning class will include safety, technique and program design. The conditioning component will include a variety of methods to enhance speed and endurance fitness. All freshmen enrolled in a regular Physical Education class, who have participated in a summer Strength and Conditioning program and are on a Red Bluff High School fall athletic team, will be given the opportunity to switch into Strength and Conditioning from Physical Education if offered during their Physical Education period, and space is available. Student will be introduced to National Strength and Conditional Association principles that incorporate injury prevention exercises, sound technique, and safe participation. If student is not meeting Strength & Conditioning standards the student will be moved back to regular Physical Education. If a student is moved back into regular Physical Education, then regular Physical Education students will have an opportunity for joining the Strength and Conditioning class at the grading period. The rigorous weekly activity will prepare the frosh students to excel on the State Physical Education testing protocol.

SCIENCE

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Anatomy and Physiology(P)	11-12	Year
AP Biology (H)	11-12	Year
AP Physics	12	Year
Biology I	11-12	Year
Biological Science (P)	11-12	Year
Chemistry Honors (H)	10-12	Year
Environmental Science (P)	9	Year
NASA Astrobiology Internship 1	11-12	Year
NASA Astrobiology Internship 2	12	Year
Physical Earth Science (P)	10	Year
Physical Earth Science	10	Year
Physics (P)	12	Year
Science Lab Assistant	11-12	Semester/Year

ANATOMY AND PHYSIOLOGY (P)

GRADE LEVEL: 11-12

PREREQUISITE: *B or better in Physical Earth (P) or completion of Chemistry Honors (H) with a C or higher.*

DURATION: Year

CREDIT: One year of life science requirement and meets the “D” requirement for entry into a UC or CSU.

Course Description: This course has been designed for students who plan to matriculate to a pre-medical, nursing, physical therapy, kinesiology, sports medicine, exercise physiology, veterinary sciences or any career in the medical field. Anatomy and Physiology includes an intensive coverage of the body as an integrated whole. It will provide information about the structure and function of all of the body organ systems that make up the human body. The students will be reintroduced to basic lab techniques and will be given many opportunities to practice them throughout the course

AP BIOLOGY (H)

GRADE LEVEL: 11-12

PREREQUISITE: *Successful completion of Chemistry Honors (H) with a B or higher.*

DURATION: Year

CREDIT: One year of the life science requirement for graduation and meets one year of the “D” requirement for entry into a UC or CSU.

Course Description: The AP Biology course is a fast paced, challenging, and fun year long course designed to be the equivalent of a two-semester introductory college course. Success in this course will depend on your study skills, reading and writing abilities, motivation and maturity. AP BIOLOGY differs significantly from the usual first high school course in biology with respect to the kind of textbook used, range and depth of topics covered, laboratory work done by students, and time and effort required of the students. The course provides an opportunity for students to take the Advanced Placement Biology Examination. Many colleges give credit for introductory biology to applicants with a qualifying score.

AP PHYSICS (H)

GRADE LEVEL: 12

PREREQUISITE: *Successful completion of Alg 2 and Chem Honors (H) or AP Biology with a C or higher.*

DURATION: Year

CREDIT: Meets one year of physical science requirement for graduation as well as the “D” requirement for entry into a UC or CSU.

Course Description: The physics course explores the physical nature and phenomena of the world using mathematics. The course is taught through discovery based learning, labs, demonstrations, and dialogue. The primary topics of the course are motion, forces, energy, power, planetary motion, relativity, sound, light and electrical circuits. The topics of thermodynamics, electricity, and magnetism will also be explored. This course will be taken concurrently with the college prep physics course. Additional coursework will be done independently through the online program at an accelerated pace.

BIOLOGY I

GRADE LEVEL: 11-12

DURATION: Year

CREDIT: Meets one year of the life science requirement for graduation.

Course Description: The course is an introduction to topics related to molecular and cellular aspects of living things, structure and function of plants and animals, genetics, plant and animal diversity and the principles of evolution, ecological relationships and human physiology.

This course will include hands on labs that emphasize science as a process and developing study skills. The course is designed around the principles of Next Generation Science Standards and Common Core Literacy.

BIOLOGICAL SCIENCE (P)

GRADE LEVEL: 11-12

PREREQUISITE: *C or better in Physical Earth (P) or completion of Chemistry Honors (H)*

DURATION: Year

CREDIT: One year of the life science requirement for graduation and meets one year of the "D" requirement for entry into a UC or CSU.

Course Description: The class is designed to prepare the high school student for meeting the 4 year university entrance requirements and to enable the student to take Advanced Placement Biology in their junior or senior year. The course covers topics related to molecular and cellular aspects of living things, structure and function of plants and animals, genetics, plant and animal diversity and the principles of evolution, ecological relationships and human physiology. This course will include hands on labs that emphasize science as a process. The course is designed around the principles of Next Generation Science Standards and Common Core Literacy.

CHEMISTRY HONORS (H)

GRADE LEVEL: 10-12

PREREQUISITE: *B or better in Environmental Science (P) and concurrent enrollment in Integrated Math 2 (or have earned a C prior)*

DURATION: Year

CREDIT: One year of the physical science requirement for graduation and meets one year of the "D" requirement for entry into a UC or CSU.

Course Description: Honors Chemistry is a fast-paced, rigorous course that challenges students to apply chemistry knowledge to predict chemical phenomena, design experiments, and provide solutions to complex problems, while incorporating more sophisticated calculations that require higher levels of math proficiency and problem solving reasoning skills than our Chemistry course alone. Students in Honors NGSS Chemistry will develop critical thinking skills, essential laboratory skills, an understanding of how models are used in science, and specific scientific knowledge guided by the California High School NGSS Framework.

ENVIRONMENTAL SCIENCE (P) 9th grade course

GRADE LEVEL: 9

DURATION: Year

CREDIT: One year of the life science requirement for graduation and meets one year of the "D" requirement for entry into a UC or CSU.

Course Description: Students will participate in a hands-on, cooperative learning environment to study the themes of biodiversity, resources, and pollution. These units will include: Ecosystems, Human Populations, Renewable Resources, Energy, Pollution, and the Sustainable Future. This course will use environmental issues of Tehama County and Northern California to keep the subject matter relative and close to home, while preparing students for a changing career world filled with potential jobs in the environmental field.

PHYSICAL EARTH SCIENCE

GRADE LEVEL: 10

DURATION: Year

CREDIT: One year of the physical science requirement for graduation.

Course Description: This science class investigates the basic concepts of physics, astronomy, geology, and meteorology. A "hands on" approach is emphasized.

NASA ASTROBIOLOGY INTERNSHIP YEAR 1

GRADE LEVEL: 11-12

PREREQUISITE: *B or better in Chemistry and application.*

DURATION: Year

CREDIT: CTE

Course Description: NASA Astrobiology Interns will study chemistry, biology, and geology and how they are specifically related to the hydrothermal systems found in Lassen Volcanic National Park. Students will work closely with scientists from NASA Ames Research Center and Park Rangers from Lassen Volcanic National Park to gather samples, develop a hypothesis and then conduct experimentation to test their hypothesis. Upon completion, students will be responsible for writing a thesis paper and giving a public presentation detailing their findings.

NASA ASTROBIOLOGY INTERNSHIP YEAR 2

GRADE LEVEL: 12

PREREQUISITE: *Successful completion of NASA 1 and application.*

DURATION: Year

CREDIT: CTE

Course Description: Second-year NASA Astrobiology Interns will continue their study of chemistry, biology, and geology of the hydrothermal systems found in Lassen Volcanic National Park along with taking on a leadership role for first-year interns. Having developed a close, working relationship with scientists from NASA Ames Research Center and Park Rangers from Lassen Volcanic National Park, second year interns will be responsible for coordinating, along with the teaching of field research skills, to a team of first-year interns. As team leaders, they will organize their team to gather samples, develop a hypothesis and then conduct experimentation to test their hypothesis. Upon completion, second-year interns will also be responsible for writing a thesis paper and giving a public presentation detailing their findings.

PHYSICAL EARTH SCIENCE (P)

GRADE LEVEL: 10

DURATION: Year

CREDIT: One year of the physical science requirement for graduation and meets the "G" requirement for entry into a UC or CSU.

Course Description: Students will participate in a hands-on, discovery based learning lab. Students will use the basis of Physics and Chemistry to study the world of Earth Science. Students will learn through demonstrations, labs, projects and discussions along with cooperative learning opportunities. Teaching will emphasize STEM concepts and students will be prepared to enter college or career with a basic understanding of the physical world including basic Physics and Chemistry as it relates to Earth and its place in the universe.

PHYSICS

GRADE LEVEL: 12

PREREQUISITE: *Successful completion of Alg 2 and completion of Physical Science (P) or Chem Honors (H) with a C or higher.*

DURATION: Year

CREDIT: Meets one year of physical science requirement for graduation as well as the "D" requirement for entry into a UC or CSU.

Course Description: The physics course explores in detail the physical nature and phenomena of the world around you. The course is taught through discovery based learning, labs, demonstrations and dialogue. Your success in this course will depend on your study skills, motivation, perseverance, and your ability to think about the world around you. The primary topics of the course are motion, forces, energy, power, planetary motion, relativity, sound, light, and electrical circuits. The topics of thermodynamics, electricity, and magnetism will also be explored. This course is designed as preparation for any student headed to college.

SCIENCE LABORATORY ASSISTANT

GRADE LEVEL: 11-12

PREREQUISITE: *"B" or better in the course in which student is a Lab assistant with final approval by instructor.*

DURATION: Year

CREDIT: Elective

Course Description: This course selection provides the student the opportunity to set up laboratory equipment, to organize supplies for the science class, to assist students in a lab/classroom setting, and to perform clerical duties. The lab assistant may also be asked to run various errands between class and office, and to perform various tasks as directed by the instructor. Given the lab assistant is directly connected to a specific science course, they can expect to complete tasks for multiple teachers of that course.

SOCIAL STUDIES

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
American Government	12	Fall Semester
American Government (P)	12	Fall Semester
AP Macroeconomics (H)	12	Spring Semester
AP World Civilizations (H)	10	Year
Economics in Theory and Practice	12	Spring Semester
Economics in Theory and Practice (P)	12	Spring Semester
Psychology (P)	11-12	Semester/Year
U.S. History	11	Year
U.S. History (P)	11	Year
U.S. History 17A/17B (H) DE	11	Year
World Civilization: Renaissance to Present (P)	10	Year

AMERICAN GOVERNMENT

GRADE LEVEL: 12

DURATION: Fall Semester Only

CREDIT: Meets 5 credit requirement for graduation

Course Description: The background and meaning of the Constitution is explored along with the concepts of separation of powers, checks and balances and federalism. The details of governmental operation are studied including the duties of the President, the work of Congress, and the decision making powers of the U.S. Supreme Court. Civil rights progress is explored as it pertains to race, sex, religion, ethnic groups and disabilities. Students have the opportunity to register to vote and voting responsibility is encouraged. There is heavy emphasis on current events.

AMERICAN GOVERNMENT (P)

GRADE LEVEL: 12

PREREQUISITE: *C or better in U.S. History (P)*

DURATION: Fall Semester Only

CREDIT: Meets 5 credit requirement for graduation and meets part of the “A” requirement for entrance into a UC or CSU.

Course Description: The idea of democracy is compared to other systems of governmental power distribution. The U.S. Constitution is studied and its historical roots are explored. The evaluation of Constitutional power and interpretation are examined in detail. The structure and function of the central government are examined through the use of the news, textbook, supplemental readings and research. Time is spent tracing the development of a more tolerant civil rights stance by the formal governing bodies and the impact this has had on society. The schools of thought on constitutional interpretation are examined. The evolution of various methods of using political power is explored.

AP MACROECONOMICS (P)

GRADE LEVEL: 12

PREREQUISITE: *C- or higher in Alg II; B or higher in fall Amer. Govt. class w/approval from Am. Govt. teacher, and required reading/writing assignment due in fall semester.*

DURATION: Spring Semester Only

CREDIT: Meets 5 credit requirement for graduation and meets semester of the “G” requirement for entry into a UC or CSU.

Course Description: AP Macroeconomics emphasizes economic principles as applied to the economy as a whole. Lessons include an analysis of national income and its components, economic indicators, inflation and unemployment, money and banking, stabilization policies, and the United States and world trade.

AP WORLD HISTORY (P)

GRADE LEVEL: 10

PREREQUISITE: *B or better in English 9(P) and required summer reading*

DURATION: Year

CREDIT: Meets one year of social science requirement for graduation and meets one year of the “A” requirement for entry into a UC or CSU.

Course Description: This course designed to develop and create an understanding of the development of global processes and how human societies interact and influence each other. This course will involve the use of both factual knowledge and critical analysis of historical events and subject matter. In addition, AP World History will focus on the causes and consequences of historical events and the comparison of the different societies of the world. AP World History is designed to replicate and be the equivalent of a college-level World Civilizations course. With this in mind, it is your responsibility to keep up with readings, assignments, and note taking. Many of these assignments will require you to adhere to a strict schedule of studying and will require you to work independently. Much of the course will be taught chronologically. However, there will be times when you will be asked to reflect on previous units and will have to compare societies and civilizations. Students will be preparing themselves for the College Board AP World History exam, given in May.

ECONOMICS IN THEORY AND PRACTICE

GRADE LEVEL: 12

DURATION: Spring Semester Only

CREDIT: Meets 5 credit requirement for graduation

Course Description: This course is an introduction to basic economic theories and concepts and a practical application of those concepts and a practical application of those concepts to personal economics. Included topics are: the economic systems; the national economy; the banking system; microeconomics; personal money management.

ECONOMICS IN THEORY AND PRACTICE (P)

GRADE LEVEL: 12

PREREQUISITE: *C or better in American Govt. (P)*

DURATION: Spring Semester Only

CREDIT: Meets 5 credit requirement for graduation and meets part of the “G” requirement for entrance into a UC or CSU.

Course Description: This course is an introduction to basic economic theories and concepts and a practical application of those concepts to personal economics. Included topics are the economic systems; the national economy; the banking system; microeconomics; personal money management; finding a place to live. This enriched course will involve a greater emphasis on theory than will the non-college preparatory class. It will include additional writing assignments and considerable outside reading assignments.

PSYCHOLOGY (P)

GRADE LEVEL: 11-12

DURATION: Semester or Year

CREDIT: Can be used to meet one year of social science requirement for graduation and one year of the “G” requirement for entry into a UC or CSU.

Course Description: This course provides the student the opportunity to study human behavior. Class discussions center on the biological and environmental variables which affect behavior.

UNITED STATES HISTORY

GRADE LEVEL: 11

DURATION: Year

CREDIT: Meets one year of U.S. History requirement for graduation.

Course Description: U.S. History is a survey of United States history from colonial times to the present. It is designed to meet the California requirement in U.S. History and to give the student an understanding of the past and its relationship to the present. Students taking this course should be able to read at grade level or above.

UNITED STATES HISTORY (P)

GRADE LEVEL: 11

PREREQUISITE: *C or better in World Civ (P)*

DURATION: Year

CREDIT: Meets one year of U.S. History requirement for graduation and one year of the “A” requirement for entry into a UC or CSU.

Course Description: College Preparatory U.S. History is a survey of the history of the United States from earliest times to the present. The course is designed for the university-bound student and the expectations are of college-level work. Students should be able to read above grade level and write at the minimum district standards for college-bound students. Independent research, writing, and the use of primary historical documents are an integral part of the course.

US History 17A Dual Enrolled (P)

GRADE LEVEL: 11

PREREQUISITE: *B or better in World Civ (P) and English 10 (P)*

DURATION: semester

CREDIT: Must pass 17A and 17B to meet one year of U.S. History requirement for graduation and meets one year of the “A” requirement for entry into a UC or CSU.

Course Description: This course covers the period from the colonization of the American Continent to Reconstruction. This is not be a course based on memorizing facts or dates, but instead is an opportunity to interact with history and sources for an enhanced understanding. The first section of the class examines a pre-European, Native inhabited continent. As Europeans begin to arrive in the Americas we investigate what brought them here, what motivation they had, and how they interacted with Natives. We then look into how England became the dominant shareholder of American land, and what that ultimately meant for all who inhabited the continent. Section two begins with the Revolutionary War. We explore the American Revolution from various perspectives. We then investigate how our nation was constructed, and what different political views shaped the making of the Constitution that we know today. This leads us to the early American Republic which we will observe as it is sectionalized between northern and southern politics and ultimately led us to the Civil War. The third section of the class examines the Civil War; how it was fought, who fought it, and how the Union won the war. The class then investigates the implementation and eventual failure of Reconstruction in the former Confederate states

US History 17B Dual Enrolled (P)

GRADE LEVEL: 11

PREREQUISITE: B or better in World Civ (P) and English 10 (P) and passed 17A with a C or better

DURATION: semester

CREDIT: Must pass 17A and 17B to meet one year of U.S. History requirement for graduation and meets one year of the "A" requirement for entry into a UC or CSU.

Course Description: This course is a survey of the history of the United States from the end of Reconstruction to the present day. The course will begin with the rise of industrialization, urbanization and immigration, and the attitudes and politics of the late 1800's. A large focus of this course will be the expansion of the U.S. into international affairs. This examination of the evolution of U.S. foreign policy will begin with the Spanish American War, both World Wars, the Cold War, and will ultimately lead us into current U.S. policies. In addition we will investigate social and political phenomena within the U.S. such as the Great Depression, U.S. during the Sixties, the Watergate scandal, and the Reagan Revolution, leading to a fuller understanding of our country's political and social makeup today. This course satisfies the CSU requirement for US History (US-1). This course may be offered in a distance education format.

WORLD CIVILIZATION: RENAISSANCE TO THE PRESENT (P)

GRADE LEVEL: 10

DURATION: Year

CREDIT: Meets one year of social science requirement for graduation and one year of the "A" requirement for entry into a UC or CSU.

Course Description: This course begins with a brief review of ancient civilizations and moves quickly through Greece, Rome, the Middle Ages and the Renaissance. The focus of the class then becomes the development of the modern world since the eighteenth century with special attention being paid to the expansion of the West, the growing interdependence of people and impact of geography on the shaping of world cultures and events.

SPECIALIZED ACADEMIC COURSES

Students are placed in the following courses through the IEP process, utilizing multiple measures, to ensure the appropriateness and least restrictive environment. All courses are taught by a Special Educator and provide additional support through specially designed academic instruction to meet the needs of the student.

English 9/10/11/12 Essentials are specially designed courses to provide instruction in language skills and integrates reading, writing, speaking, and listening while emphasizing individual student progress. The course will engage students in learning the same English standards, principles, processes and skills as the corresponding core course however with a much heavier emphasis on guided practice and tutorial support as they improve their reading and writing skills. Students will engage in reading, analyzing and evaluating literary and non-fiction books, articles, essays, poems, and short stories with extra teacher support.

Math Essentials ~ a specially designed course designed to strengthen the basic computation skills that all students need as adults, and at the same time lay the foundation for future work in Integrated Math. Concepts covered include addition, subtraction, multiplication, and division of rational numbers (positive and negative); exponents, scientific notation, metrics, open sentences, solving equations, problem-solving, and estimating. Students will earn 10 math credits.

Integrated Math Readiness Essentials~ This course is specially designed for students who have had exposure to, but not mastered a significant number of the middle school math content standards. It will include whole numbers and their operations, rational numbers and their operations, symbolic notation, equations and functions, the coordinate plane, graphing proportional relationships, and Algebra. The purpose of the course is to increase the needed skills and understanding of mathematics to be successful in Integrated Math 1.

Integrated Math I Essentials~ The course is specially designed and builds competency in the following conceptual categories: Modeling, Functions, Number & Quantity, Algebra, Geometry and Statistics and Probability. It builds upon those concepts taught in a Common Core K-8 curriculum. The fundamental purpose of Math I is to formalize and extend students' understanding of Linear and Exponential Functions and their applications.

American Government Essentials: This is a specially designed course regarding the background and meaning of the Constitution is explored along with the concepts of separation of powers, checks and balances and federalism. The details of governmental operation are studied including the duties of the President, the work of Congress, and the decision making powers of the U.S. Supreme Court. Civil rights progress is explored as it pertains to race, sex, religion, ethnic groups and disabilities. Students have the opportunity to register to vote and voting responsibility is encouraged. There is heavy emphasis on current events.

Economics Essentials:

This is a specially designed course introduction to basic economic theories and concepts and a practical application of those concepts and a practical application of those concepts to personal economics. Included topics are: the economic systems; the national economy; the banking system; microeconomics; personal money management.

United States History Essentials: U.S. History is a specially designed course that is a survey of United States history from colonial times to the present. It is designed to meet the California requirement in U.S. History and to give the student an understanding of the past and its relationship to the present. Students taking this course should be able to read at grade level or above.

World Civilizations Essentials: RENAISSANCE TO THE PRESENT ~This specially designed course begins with a brief review of ancient civilizations and moves quickly through Greece, Rome, the Middle Ages and the Renaissance. The focus of the class then becomes the development of the modern world since the eighteenth century with special attention being paid to the expansion of the West, the growing interdependence of people and impact of geography on the shaping of world cultures and events.

Academic Success ~ The Academic Success is a specially designed course that provides opportunities for students to strengthen the academic skills necessary at the high school level. This course will help students succeed in their required academic courses by providing additional instructional time and learning strategies for students who need extra assistance. Students will receive instruction by a Special Education teacher in time management, organizational skills,

reading analysis, note taking, test taking, and other strategies to promote self-directed learners across the curriculum. Academic success classes may also provide opportunities for students to work on homework and supplemental assignments to practice their academic skills. This course is designed to assist students who have been identified as needing additional support and assistance in one of the following core subjects (English, math, social studies, and science).

College/Career Awareness Essentials ~ This specially designed course offers 9th and 10th grade students the opportunity to explore their strengths, weaknesses, abilities, and interests in relation to possible career and college choices. Exploration will include interest inventories, self-exploration assignments, occupational research, exploration of labor market trends, speakers, and job shadowing opportunities.

College/Career Awareness Essentials ~ This specially designed course is aimed at helping students achieve their post-high school goals. It is designed to assist all 11th and 12th grade students with their planning for post-secondary education and other opportunities. Students will learn and apply knowledge and skills they will need beyond high school including, living on their own, working, as well as personal budget and finance.

VISUAL AND PERFORMING ARTS

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
Advanced Concert Band (P)	10-12	Year
Art I (P)	9-12	Year
Art II (P)	10-12	Year
Art III	10-12	Year
Beginning Choir (P)	9-12	Year
Concert Band (P)	9-10	Year
Concert Choir (P)	10-12	Year
Dance I & II (P)	10-12	Year
Dance III (P)	10-12	Year
Eco Art	9-12	Year
Guitar (P)	9-12	Year
Humanities through film	9-12	Year
Music Appreciation (P)	9-12	Year
Percussion (P)	9-12	Year
Show Choir (P)	9-12	Year
Theater Arts I (P)	9-12	Year
Theater Arts II (P)	10-12	Year

ADVANCED CONCERT BAND (P)

GRADE LEVEL: 10-12

PREREQUISITE: *Audition*

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the “F” requirement for entry into a UC or CSU.

Course Description: Concert Band is a fun and enriching ensemble ideal for those who strive for excellence in music making. Students will gain valuable knowledge in the fundamentals of technique, musicianship, and music analysis and theory through the study and performance of advanced quality band literature. Students will also participate in marching events and will hone skills associated with proper marching form and function. Participation in after-school rehearsals and performances are a required part of this class.

ART I (P)

GRADE LEVEL: 9-12

PREREQUISITE: None

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the “F” requirement for entry into a UC or CSU.

Course Description: Art I provides a basic foundation of drawing skills, techniques, vocabulary and expression. All students explore an artist with an in-depth written report embellished with an artistic reflection. All students are required to demonstrate practical skills and a stronger appreciation through project and written assignments. In the second semester, students continue to build drawing skills, more advanced techniques, vocabulary and expression. Color theory, painting and portfolio building are emphasized. All students explore an art period with an in-depth written report. All students will demonstrate personal imagination and expression skills with a "project of choice" course final piece. All students must pass the vocabulary final exam.

Art II (P)

GRADE LEVEL: 10-12

PREREQUISITE: Successful completion of Art I and is required before taking AP Studio Art: Drawing.

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and pending approval meets the “F” requirement for entry into a UC or CSU.

Course Description: The course has three parts. The first part is a study of past and contemporary artists and trends. The second part is maintaining a sketchbook. A student’s sketchbook is to be composed of visual ideas, notes, photographs, doodles, plans, short assignments, quick drawings, and practice of various techniques. Finally, students will be required to complete a fourteen piece portfolio created from personal photographs, still-life arrangements, their surroundings, and nature. Absolutely no images will be used from the internet. Portfolio pieces will be presented by the students at both a community wide and school specific art show. In addition to class work, students are expected to visit galleries and art museums on their own. The San Francisco Museum of Modern Art, Sacramento Crocker Museum, the annual TCAC Art Walk, as well as one University Art Gallery must be visited. Students will research artists to gain insight into use of mediums, social commentary, and the variety of individuality among artists.

BEGINNING CHOIR (P)

GRADE LEVEL: 9-12

PREREQUISITE: None

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the "F" requirement for entry into a UC or CSU.

Course Description: An entry-level course to the vocal music program, the Beginning Chorus provides any student with the opportunity to learn vocal production and part singing skills. The group will be presenting concerts and each student is responsible for the preparation and presentation of solo and small ensemble projects.

CONCERT BAND (P)

GRADE LEVEL: 9-10

PREREQUISITE: *Prior experience recommended*

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the "F" requirement for entry into a UC or CSU.

Course Description: Concert Band is a fun and enriching ensemble ideal for those who strive for excellence in music making. Students will gain valuable knowledge in the fundamentals of technique, musicianship, and music analysis and theory through the study and performance of quality band literature. Students will also participate in marching events and will hone skills associated with proper marching form and function. Participation in after-school rehearsals and performances are a required part of this class.

CONCERT CHOIR (P)

GRADE LEVEL: 10-12

PREREQUISITE: *Audition only*

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the "F" requirement for entry into a UC or CSU.

Course Description: Concert choir is one of the prime vocal performing groups. It is responsible for concert work as well as school/community service performances. The course content covers a complete variety of vocal literature of all levels of difficulty. This class participates and travels as a Victorian Caroler Ensemble around the holiday season and a Renaissance Ensemble in the spring.

DANCE I & II (P)

GRADE LEVEL: 10-12

PREREQUISITE: *None for Dance I. *Audition required for Dance II*

DURATION: Year

CREDIT: Meets one year of physical education requirement or one year of visual performing arts requirement for graduation. Also meets the "F" requirement for entry into a UC or CSU.

Course Description: Dance I & II provide a beginning/ intermediate level dance arts experience. The courses cover fundamentals of dance movement, experience in various common dance styles and skills building. These courses will culminate in a yearly dance show.

DANCE III (P)

GRADE LEVEL: 10-12

PREREQUISITE: *Audition*

DURATION: Year

CREDIT: Meets one year of physical education requirement or one year of visual performing arts requirement for graduation. Also meets the "F" requirement for entry into a UC or CSU.

Course Description: Dance III will include advanced techniques and styles of performance dance. The group will be performing at school recitals and serve as a service performance group for school and community activities.

HUMANITIES THROUGH FILM

GRADE LEVEL: 9-12

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation

Course Description: Film studies is a course intended to familiarize students with the particulars of film history as well as to provide them with a chance to analyze film as a visual art form. This course should appeal to any and all students who love to watch movies and discuss them. In addition, creative writing will be emphasized in each unit. Students are expected to maintain an excellent work ethic and to meet the challenge of higher level thinking. Students need to have developed organizational skills. Students will be expected to analyze the films and to not just watch them. Each unit will conclude with a paper or project of some type; all projects and papers are expected to be completed in on time and be completed with maximum effort. Student are expected to act in a mature and professional manner regarding the films we view and disruptions to viewings will not be tolerated. Late work will be scored in accordance with the previously defined Board adopted Grading Policy.

MUSIC APPRECIATION (P)

GRADE LEVEL: 9-12

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the "F" requirement for entry into a UC or CSU.

Course Description: This course is designed to be an introduction to musical styles, both western and non-western. Students will learn how music affects their culture and other cultures around the world. Students will learn how music is used in a variety of situations, from communication to mood setting. Students will learn to recognize music in its written form as well as its aural form. Students will have listening demonstrations of many different genres of music including classical, jazz, and popular, rock and roll and world music.

PERCUSSION

GRADE LEVEL: 9-12

PREREQUISITE: *Prior experience recommended*

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the “F” requirement for entry into a UC or CSU.

Course Description: This class explores the powerful and expressive art form that is percussion. Students will gain valuable knowledge in the fundamentals of technique, musicianship, and music analysis and theory through the study and performance of quality percussion and band literature. Students will also participate in marching events and will hone skills associated with proper marching form and function. Participation in after-school rehearsals and performances are a required part of this class.

SHOW CHOIR (P)

GRADE LEVEL: 9-12

PREREQUISITE: *Audition and/or instructor’s approval*

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the “F” requirement for entry into a UC or CSU.

Course Description: Show Choir is an exciting performance group. Students are given an opportunity to choreograph all of their numbers. This class performs in the winter concert and the spring highlights concert as well as school/community performances. The group performs selected popular music from all time periods and genres for their concerts and competitions. Teamwork is an important part in this course.

THEATER ARTS I (P)

GRADE LEVEL: 9-12

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation and meets the “F” requirement for entry into a UC or CSU.

Course Description: Beginning Theatre Performance students explore the art of acting, following the Stanislavski System of Acting. Students will create characters, write scenes and/or monologues, learn to self and peer critique using Theatre Vocabulary, as well as model audience etiquette. Students will perform scenes. This is a performance oriented class. All students perform on stage.

THEATER ARTS II (P)

GRADE LEVEL: 10-12

PREREQUISITE: *Teacher approval/audition*

DURATION: Year

CREDIT: Meets one year of visual and performing arts requirement for graduation

Course Description: A natural progression from Beginning Theatre Performance, students in this course explore in depth techniques for the stage: acting, voice and diction; improvisation as part of the rehearsal process; directing, writing, as well as the process of stage productions. Students study the standard literature contained within the content standards. This is a performance oriented class.

MISCELLANEOUS

<u>Course</u>	<u>Grade Level</u>	<u>Duration</u>
College Connection	12	Year
Firefighting I	11	Year
Firefighting II	12	Year
Leadership 9(P)	9	Year
Leadership 10 (P)	10	Year
Radio Productions	10-12	Year
Spartan Success	9-12	Year
Student Government(P)	11-12	Year

COLLEGE CONNECTION

GRADE LEVEL: 12

PREREQUISITE: *Selected by College Connection selection committee*

DURATION: Year

Course Description: The College Connection is an alternative education program conducted in partnership with Shasta College and participating high schools. The senior students selected will attend Shasta College on a daily basis, concurrently earning both high school and college credits. The students will be required to enroll in three high school courses: American Government/Economics with a companion study lab, and College Writing and Research, plus between six and twelve college units per semester. Students will be required to meet regularly with an advisor to ensure acceptable academic progress toward graduation. Because students are concurrently enrolled in both campuses, they belong to both. This allows the students to take advantage of counseling services, support services, libraries and intra-school activities at each school site.

EMERGENCY MEDICAL TECHNICIAN

GRADE LEVEL: 12

DURATION: Year

CREDIT: CTE

Course Description: The course provides the student with an outline of the EMS system, introduces assessment skills, as well as provides pathophysiology of common neurological, respiratory, and cardiac related emergencies. An intensive course to assist the student with developing skill in recognition of symptoms of illness and injuries, and proper procedures in emergency care. The course is a training course for emergency medical technicians performing as ambulance attendants. It covers techniques of emergency medical care presently considered within the responsibilities of the emergency medical technician, and emphasizes the development of student skills in recognition of symptoms of illnesses and injuries and proper procedures of emergency care. Emphasis is placed on patient assessment, communication, ambulance operations, and patient care in accordance with the California State Emergency Medical Services Agencies. Upon successful completion of the course and the statewide written and skills examination, the student must make application through Northern California Emergency Medical Services, Inc. for certification.

FIREFIGHTING I

GRADE LEVEL: 11

DURATION: Year

CREDIT: CTE

Course Description: Firefighting I enhances students' fundamental understanding of the fire service this first year course emphasizes career specific technical content while strengthening fundamental life skills based upon principles of the fire service. The objective is to equip the student for a successful transition into the workforce in any discipline. The curriculum is based upon IFSTA Firefighter I standards with applicable skill development in the skills lab. Topics taught include an introduction to fire technology, basic structural fire company operations, basic wildland firefighting practices, and firefighter safety and survival, and Emergency Medical Services (EMS). Upon completion, the student will become certified in ICS-100, 200, 700, and 800; CPR/First Aid with exposure to Emergency Medical Responder standards. Experienced full time, retired, and volunteer firefighters and other EMS disciplines will provide real-life guidance to equip the student for entry-level employment opportunities with government agencies and private sector providers such as the California Conservation Corps (CCC), CAL FIRE, US Forest Service, Firestorm, and city municipalities.

FIREFIGHTING II

GRADE LEVEL: 12

PREREQUISITE: *Successful completion of Firefighting I and application process*

DURATION: Year long

CREDIT: CTE

COURSE DESCRIPTION: Firefighting 2 strengthens the knowledge base obtained in Fire Technology Careers 1. Further development in fire service principles and practices are expanded to include soft skills such as interpersonal communication, personal conduct, professional workplace standards, and career development such as resume preparation, interview techniques, and career sustainability. Hard skills with a

lab component shall include Emergency Medical Responder (EMR), expanded wildland skills, and certifications in multiple industry specific courses. Priority hiring may be given to graduates through the California Conservation Corps with a two year employment option: wage, benefits, and experience. Other government municipalities for employment shall include CAL FIRE, US Forest Service, and local volunteer fire departments, and private fire industry contract departments. Portions of this course will provide the successful student an opportunity to continue their daily individual development by working alongside with local fire professionals in the community classroom setting at local fire departments.

SPARTAN SUCCESS

GRADE LEVEL: 9-12

DURATION: YEAR

CREDIT: Elective credit

Course Description: This class is designed to increase personal growth in academics, relationships, and leadership. Class time will be split between self-motivated academic lab time and direct instruction for personal growth. Throughout the course, you will be exposed to a variety of key concepts and strategies that will encourage a positive mindset. You will build skills to ensure success in high school as well as skills to help you in college, career, and life.

STUDENT GOVERNMENT (P)

GRADE LEVEL: 11-12

PREREQUISITE: *Elected to a Student Body or class office or application.*

DURATION: YEAR

CREDIT: Elective and meets on year of Area G for CSU/UC admission requirements.

Course Description: This course is designed for the student interested in learning the basic concepts of democratic government; leadership skills, group processes, leadership practice and planning, and organization of student activities. It affords the student the opportunity to develop speaking and writing skills; to improve in courtesy, confidence, poise, and appearance; to work with peers of diverse backgrounds and attitudes; to share responsibilities with adults; to consider and work with problems of income and expenditure; and to develop an appreciation for law and order.

PUPIL RIGHTS AND RESPONSIBILITIES - FREE EXPRESSION - PUBLICATIONS CODE

- I. The process of educating students for responsible citizenship in a democratic society requires reasonable opportunity for them to exercise the rights of freedom of speech and expression in the context of the public school environment. The purpose of this policy is to ensure the exercise of these rights with due regard to the rights of others and the need for reasonable restrictions in the operation of classes by the Red Bluff Union High School District. In order to provide this experience for students within the frame work of Education Code Section 48916, the Board established the following policies.
- II. Students have the right to exercise freedom of speech and of the press including, but not limited to, the use of bulletin boards, the distribution of printed materials or petitions, and the wearing of buttons, badges, and other insignia, and the right of expression in official publications.
 - A. **CIRCULATION OF PETITIONS, CIRCULARS, NEWSPAPERS, AND OTHER PRINTED MATTER NOT SPONSORED BY THE SCHOOL DISTRICT**
Students shall be allowed to distribute petitions, circulars, leaflets, newspapers, and other printed matter subject to the following specific limitations.
 1. **TIME** - The time of distribution shall be limited to the hours before school begins, during the lunch hour, and after school is dismissed.
 2. **MANNER** - The manner of distribution shall be such that:
 - (a) Coercion is not used to induce students to accept the printed matter or to sign petitions.
 - (b) Funds or donations are not collected for the material distributed.
 - (c) Materials are not left undistributed or stacked for pick-up while unattended at any place in the school or on school grounds.
 - B. **BUTTONS, BADGES, AND OTHER INSIGNIA OR SYMBOLIC EXPRESSION**
Students will be permitted to wear buttons, badges, and other insignia as a form of expression, subject to the prohibitions set forth in Section III, A, B, C, D, & E.
 - C. **BULLETIN BOARDS**
Students shall be provided a bulletin board for use in posting student materials on campus, subject to the prohibitions set forth in Section III, A, B, C, D, & E.
 - D. **STUDENT PUBLICATIONS**
Student editors of official publications (material produced by students in the journalism, newspapers, yearbook, or writing class and distributed to the student body either free or for a fee) shall be responsible for assigning and editing of their publications' content subject to the prohibitions set forth in Section III, A, B, C, D, & E. However, in all school sponsored publications, advisors are charged with the responsibility of supervising all production by the student staff, and for maintaining professional standards of English and journalism. Advisors are further responsible for maintaining all provisions of this policy relating to school sponsored publications.
- III. In the exercise of the students' rights described above, no student shall distribute materials, wear buttons or other displays nor post notices or other materials which:
 - A. Are obscene to minors, according to current legal definitions.
 - B. Are libelous or slanderous, according to current legal definitions.
 - C. Incite students so as to create a clear and present danger of the imminent commission of unlawful acts on school premises or of the violations of lawful school regulations or of the substantial disruption of the orderly operation of the school.
 - D. Express or advocate racial, ethnic, or religious prejudice so as to create a clear and present danger of imminent commission of unlawful acts on school premises or of the violation of lawful school regulations or of the substantial disruption of the orderly operation of the school.
 - E. Are distributed in violation of time, place and manner requirements.
- IV. There shall be no prior restraint of materials prepared for official school publications, except insofar as violated this policy.
- V. School officials shall show justification within 24 hours for any limitation of student expressions. Students may appeal a decision concerning this policy through the procedures established in the Student Welfare Complaint Procedures policy. Knowing violation of this policy by any student is sufficient cause for suitable disciplinary action to be taken.

SCHEDULE PLANNING

Directions:

1. Write the names and duration of any required courses for your grade level.
(Your counselor will provide this information.)
2. Select and write the names of any elective courses that you wish to take.

NOTE: The order or sequence of your required and selected courses does NOT represent the final schedule on a period-by-period basis.

FALL SEMESTER

SPRING SEMESTER

COURSE TITLE

DURATION

COURSE TITLE

DURATION

1. _____

1. _____

2. _____

2. _____

3. _____

3. _____

4. _____

4. _____

5. _____

5. _____

6. _____

6. _____

ALTERNATIVES

ALTERNATIVES

NOTES