



**STONE RIDGE
CHRISTIAN**

**Course Catalog
2025-2026**

High School Graduation Requirements & A-G Guide

Each student will create an educational plan with the Guidance Counselor based upon their interests, college or career goals. We encourage all students to be A-G recommended, not just required. Some colleges have specific requirements, above A-G, so college desires should begin early in high school to ensure course work aligns to what a specific college would like to see overall for specific majors (ex: 4 years of science, 5 years of english, etc).

For students who plan to attend a CSU or UC immediately after graduation, they need to meet the high school graduation requirements and the A-G requirements listed with a grade of C or better in every course.

View our Course Catalogue for courses which are offered to meet A-G requirements.

[CSU requirements](#)

[UC requirements](#)

- A. History/Social Studies
 - Graduation: 4 years
 - A-G: 2 years (World/U.S. History)
- B. English
 - Graduation: 4 years
 - A-G: 4 years
- C. Math
 - Graduation: 3 years (must pass Algebra equivalent)
 - A-G: 3 years (4 recommended)
- D. Science
 - Graduation: 3 years (1 Life, 1 Physical)
 - A-G: 2 years lab science (3 recommended)
- E. Language other than English (LOTE)
 - Graduation: 2 years of the same language
 - A-G: 2 years of the same language (3 recommended)
- F. Visual & Performing Arts
 - Graduation: 1 year
 - A-G: 1 year
 - Visual & Performing Arts Course
- G. Electives
 - Graduation
 - Bible: 4 years required
 - Other Electives: 4 years required
 - A-G: 1 year (any A-F course after that requirement is met can be used to meet the G requirement)
- Physical Education
 - Graduation: 2 years of PE or Strength or 4 sports (5 credits per sport)

CTE Pathway:	
Academic/Career Plan: <input type="checkbox"/> 2 year college (junior college) <input type="checkbox"/> 4 year college <input type="checkbox"/> Trade School <input type="checkbox"/> Military <input type="checkbox"/> Other	*UC/CSU "A-G" Req. (C or better) <input type="checkbox"/> A. Social Science - 2 Years <input type="checkbox"/> B. English - 4 Years <input type="checkbox"/> C. Math - 3 Years, 4 recommended <input type="checkbox"/> D. Science-2 Yrs,1 lab, 3 recommend <input type="checkbox"/> E. Language other than English-2 Yrs same language, 3 recommended <input type="checkbox"/> F. Visual or Performing Art-1 Year <input type="checkbox"/> G. College Prep Elective - 1 Year <input type="checkbox"/> 3.0 minimum GPA-Grade of C or better required <input type="checkbox"/> SAT or ACT required for some

Subject SRC Subject Requirements	Grad Req	AG Req	AG Rec	Credits Earned			
				9th	10th	11th	12th
English 9-12	40	40	N/A				
Math	30	30	40				
Life Science	10	10	N/A				
Physical Science	10	10	N/A				
Science elective	10	N/A	10				
World History	10	10	N/A				
US History	10	10	N/A				
American Gov/Econ	10	10	N/A				
Visual & Perform Art	10	10	N/A				
Physical Education	20	N/A	N/A				
Foreign Language	20	20	30				
Bible	40	N/A	N/A				
Electives	40	10	N/A				

Career Technical Education (CTE) Pathways

What is a CTE pathway?

A CTE pathway is a sequence of two or more courses within a student's area of career interest. Pathways are designed to connect high school classes to college, industry certifications, and/or a career.

Why should students participate in a CTE pathway?

While in high school, students have the opportunity to acquire free technical skills training in the career field he/she is interested in. Students will learn valuable technical skills and soft skills making them employable regardless of the field of study they actually end up in.

How are CTE Students Recognized?

Students who complete a CTE pathway receive an individualized stole at graduation. While many students earn cords for honors and activities, stoles are a distinction of completion recognizing a student's effort and readiness for their college or career field.

CTE Pathways Offered

Stone Ridge High School values rigor and college and career readiness. By offering a series of courses students have the opportunity to deepen their understanding and learning of certain educational and career paths. Currently, we offer 6 different pathway areas and intend to add more as student interest grows for other careers and educational interests. All pathways offer an introductory course, a concentrator, and one or more options for a capstone. Some capstone courses are even dual enrolled offerings with Merced College to gain high school credit but college credit too.

Agriculture & Natural Resources

Pathway	Introduction	Concentrator	Capstone
Agricultural Skills	Intro Shop Skills	Welding 1	Welding 2
Agri-Sciences	Ag Biology	Ag Soil Chemistry	Animal Science OR Vet Science
Plant Systems	Ag Biology	Floral	Retail Floral

Health Science & Medical Technology

Pathway	Introduction	Concentrator	Capstone
Healthcare	Intro to Healthcare Careers	Medical Technology	Anatomy & Physiology Honors OR Medical Work Experience OR Dual Enroll Merced College CNA

Arts, Media, & Entertainment

Pathway	Introduction	Concentrator	Capstone
Visual Arts	Art 1	Art 2	Arts Capstone
Digital Media	Digital Photography	Digital Communications	Arts Capstone

COURSE OFFERINGS

Social Science (A)

WORLD HISTORY

Course Description: This course is designed to help students gain an appreciation of the history of Western Civilization from a Judeo-Christian perspective. The first semester covers creation and the beginnings of civilization, democracy and republicanism in Greece and Rome through the French Revolution. The second semester begins with the Industrial Revolution and progresses to the current day.

PRE-AP WORLD HISTORY & GEOGRAPHY

Course Description: History is an interrelated story of the world. This course explores the structures and forces that reflect and shape the regions, communities, governments, economies, and cultures of humanity—helping students develop an organized, meaningful understanding of time and space. History and geography are inherently dynamic. As historians and geographers uncover new evidence, current assumptions are challenged, and previous arguments gain nuance and context. This course teaches students how to examine sources and data, establish inferences, and ultimately build and critique arguments. Historians and geographers are investigators. Pre-AP World History and Geography is designed as a disciplinary apprenticeship in which students learn through the process of discovery by applying the tools of historians and geographers.

US HISTORY

Course Description: This course emphasizes the forces that have shaped U.S. history/geography and their contributions to the United States' role in the modern world. The student will study the major events that have shaped the United States' history through lectures, extra research, reading, term papers,

and projects. Chronology spans from earliest periods of U.S. History through recent times and includes studies of recent conflicts. Students should gain the ability to recognize historical cause and effect, identify major historical turning points, and develop historical interpretations. This course will emphasize the role of Christian values in the history of the United States. All projects and term papers will be assigned by the instructor.

AP US HISTORY

Course Description: The Advanced Placement U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.

AGRICULTURAL GOVERNMENT & ECON

Course Description: Through this course, students will pursue a deep understanding of the institutions of American Government. They will compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of

Rights, and the current state of the legislative, executive, and judiciary branches of government. Emphasis will be placed on analyzing the relationship among federal, state, and local governments, with attention paid to important historical documents such as the Federalist Papers. Through this course, students will focus on civic literacy as they prepare to vote, participate in community activities, and assume the responsibilities of citizenship. Students will participate in coursework focusing on agriculture and its effects on our government system and the world government outlook. This course will be part of a pathway of agriculture coursework designed to further students' interest in a chosen field of agricultural study. Economics Agriculture is a course that focuses on the economics of the agriculture industry. It is an introduction to the economic aspects of agriculture and their implications to the agricultural producer, consumer, and the food system. The management principles encountered in the day to day operation of an agricultural enterprise are stressed as they relate to the decision making process. THIS COURSE MEETS THE ECONOMICS GRADUATION REQUIREMENT.

AMERICAN GOVERNMENT & ECONOMICS

Course Description: Establishing Justice is the primary purpose of government according to the Bible (1 Kings 10:9; Ps. 72:1-7, 11-14; Prov. 29:14). This was one of the primary purposes the founding fathers created the nation of America. Whether to be free of religious persecution or to be governed by an entity with a better understanding of the ways of democracy, America has made a lasting impression on the development of many countries. Without the foundations of God in our system, America would have never been able to achieve what it has nor will it continue to should God not be its constant center of focus. This course will assist in developing the students' understanding of government under God and the principles by which Christians are instructed to live by as stated in the Bible.

English Department (B)

ENGLISH 9

Course Description: In this course, emphasis is placed upon grammar and literature. Literature includes the reading of classic short works, essay, novels, and primary sources. Compositions, spelling, and vocabulary are included. The elements of a research paper are taught and a research paper is required during the second semester as are other writing prompts.

ENGLISH 9 HONORS

Course Description: Course is intended for students who are highly skilled and motivated in language arts, including both reading and writing. It is designed to cover areas of grammar, literature, writing and vocabulary. Students will be exposed to a variety of literary forms as well as various kinds of writing experiences, from reading novels, essays, primary sources, Shakespearean play, and poetry. Critical thinking is emphasized, and complex writing prompts including an extensive research paper are required.

ENGLISH 10

Course Description: In this course, grammar will be reviewed and World and Christian Literature will be studied. Weekly compositions, spelling, vocabulary and oral presentations will be included. Various forms of literature are read. These include: novels, short stories, poetry, and essays. Students will be required to do a book analysis, research term paper, original short story and original Poetry.

AP SEMINAR

Course Description: AP Seminar is an interdisciplinary course that encourages students to demonstrate critical thinking, collaboration, and academic research skills on topics of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include interdisciplinary or general elective courses. Ever thought about how social

media impacts teen mental health? Do you think rules around college sports should be changed? In AP Seminar, you choose what real-world or academic topics to investigate. AP Seminar teaches you how to find and use evidence from experts, and how to present the case from your own perspective effectively, both through writing and multimedia presentations. Students will be learning skills to read and analyze articles, studies, and other texts, Gather and combine information from sources, view an issue from multiple perspectives, and craft arguments based on evidence.

ENGLISH 11 AMERICAN LITERATURE

Course Description: This course is a systematic survey of American literature, authors, and literary movements. It is enriched by oral presentations, reading, a study of vocabulary words, and weekly compositions including essays and research paper techniques with an eye toward college papers that stress logic and rhetoric. Students will be required to complete a book analysis and a research paper.

AP LANGUAGE & COMPOSITION

Course Description: We are surrounded by written language that is often used intentionally to achieve a purpose. In AP English Language and Composition, you'll read nonfiction texts through the eyes of a writer, exploring the choices writers and speakers make to persuade their audience. By analyzing how writing is composed, you'll be able to construct your own persuasive pieces. Skills developed are reading closely, analyzing, and interpreting a piece of writing, evaluating a source of information, gathering and consolidating information from different sources, writing an evidence-based argument, drafting and revising a piece of writing. A College Course Equivalent would be an introductory college-level literary analysis course.

ENGLISH 12 BRITISH LITERATURE

Course Description: This course stresses the continued development of writing skills, especially persuasive and expository writing; the

study of English grammar and usage, and the study of British Literature through selected authors and works including a Shakespearean play. Students will make oral presentations, complete a book analysis and write a research paper.

AP LITERATURE & COMPOSITION

Course Description: What makes a work of literature great? In AP English Literature and Composition, you'll examine how authors and poets create meaning through their rich, purposeful use of language. As you write and refine essays about literature, you'll develop the skills of analysis and composition that will allow you to communicate your interpretation effectively. Skills learned are to read a text closely and draw conclusions from details, identify the techniques used by an author and their effects, develop an interpretation of a text, present your interpretation and make an argument for it in writing. A College Course Equivalent would be an introductory college-level literature course.

Math Department (C)

ALGEBRA 1

Course Prerequisites: Completion of 8th grade mathematics or enrolled as an advanced mathematics 7th grade student with competency shown on MDTP.

Course Description: In this course the properties of number systems are introduced and applied to methods of solving linear equations, inequalities, systems of equations and quadratic equations. Exponents, polynomials and factoring are studied and applied to simplify equations and solve fractional equations. Linear and quadratic equations and inequalities are graphed.

GEOMETRY

Course Prerequisites: Grade of B or higher in high school Algebra 1 or Algebra I in 8th grade with a B or higher, with competency shown on MDTP.

Course Description: The students will learn to develop their deductive and inductive reasoning abilities in geometry. They will take facts using both postulates and axioms and develop sound proofs for mathematical problems and their applications. Skills learned in Algebra are applied in studying properties of various geometric figures. Trigonometry and coordinate geometry are introduced as well.

ALGEBRA 2

Course Description: The purpose of this course is to strengthen the skills learned in Algebra I. Advanced work is completed in factoring, fractions, exponents, radicals, complex numbers, linear and quadratic equations, the binomial theorem, and the theory of equations. The fundamental trigonometric ratios and identities are introduced with emphasis in rectangular and polar coordinates.

ADVANCED ALGEBRA WITH FINANCIAL APPLICATIONS

Course Description: Advanced Algebra with Financial Applications is a mathematical modeling course that addresses college preparatory mathematics topics from Advanced Algebra, Geometry, Statistics, Probability, Precalculus, and Calculus under eleven financial umbrellas: Discretionary Expenses, Banking, Credit, Automobile Ownership, Employment, Income Taxes, Independent Living, The Stock Market, Modeling a Business, Retirement Planning, and Household Budgeting. The course allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations. Students are taught to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations. It provides students a motivating, young-adult centered financial

context for understanding and applying the mathematics they are guaranteed to use in the future, and is thusly aligned with the recommendations of the Common Core State Standards.

PRECALCULUS/TRIGONOMETRY

Course Prerequisites: Completion of Algebra II and teacher recommendation

Course Description: This course is designed to prepare students to take calculus. This course covers in-depth trigonometry, logarithms, analytic geometry, and advanced algebraic concepts. Primary emphasis is on a continuation of the practice of intermediate algebraic concepts and skills while the advanced algebraic concepts and skills are introduced. A heavy emphasis is placed on the study of trigonometric functions, common and natural logarithms, and the equations of conics. Students will study and gain a feel for these functions and an understanding of their graphs and properties. All major areas covered in Algebra II are reinforced at a greater depth with additional applications. Experience with graphing calculators is incorporated. It blends the concepts and skills that must be mastered before enrollment in a college-level calculus course.

CALCULUS

Course Prerequisites: Completion of PreCalculus with a B or better, and teacher recommendation

Course Description: a-g Calculus focuses on three big ideas: Limits, Derivatives, and Integrals and the Fundamental Theorem of Calculus. Students call upon their knowledge and skills developed in previous Algebra and Geometry courses to gain access to these new big ideas introduced in Calculus. Students demonstrate knowledge of the definition and graphical interpretations of limits and learn several techniques and theorems for evaluating these limits. Students understand and use derivatives to solve problems in chemistry, physics, and economics. Students learn various techniques and theorems for finding integrals

and use those techniques to solve a variety of applications problems.

Science Department (D)

BIOLOGY

Course Description: This lab course deals with the origin, nature, and relationships of living organisms. It includes a basic introduction to the modern concepts of structure and function of the cell, genetics, a survey of animal and plant kingdoms with an emphasis on physiology, ecology, and human biology. Students will be required to complete a science project.

PRE-AP BIOLOGY

Course Description: In Pre-AP Biology, students engage in real-world data analysis and problem solving that sparks critical thinking about our living world. As students engage in grade-level content, they utilize the kind of scientific reasoning skills needed to analyze the natural world—and to succeed in future science and social science courses in high school and college. The Pre-AP science areas of focus are vertically aligned to the science practices embedded in high school and college courses, including AP. This gives students multiple opportunities to think and work like scientists as they develop and strengthen these disciplinary reasoning skills throughout their education in the sciences: Emphasis on analytical reading and writing: Students engage in analytical reading and writing to gain, retain, and apply scientific knowledge and to carry out scientific argumentation; Strategic use of mathematics: Students use mathematics strategically in order to understand and express quantitative aspects of biology, to record and interpret experimental data, and to solve problems; Attention to modeling: Students go beyond labeling diagrams to creating, revising, and using models to explain key patterns, interactions, and relationships in biological systems.

AGRICULTURAL BIOLOGY

Course Description: Agricultural Biology is a one-year, laboratory science course designed for the college-bound student with career interests in agriculture, the course emphasizes the following topics: the molecular and cellular aspects of life; the chemical and structural basis of life; energies of life; growth and reproduction in plants and animal genetics; taxonomy of modern agricultural plants and animals; health and diseases in animals; and the similarities between animals and humans. Extensive laboratory activities connect the major ideas of life science with agricultural applications. The course emphasizes advanced science concepts, laboratory concepts, laboratory techniques, scientific research and reports, writing scientific papers and oral reporting skills.

CHEMISTRY

Prerequisite: Algebra 1

Course Description: Chemistry This course provides an introduction to theory and applications of chemical reactions. It emphasizes structure and bonding, kinetics, use of graphs, tables, chemicals, equilibrium and constants, energy, thermochemistry, and entropy. Students will be required to complete a science project. Prerequisite: Students must have completed Biology or Physical Science with a grade of “C” or above. Completion or enrollment in Algebra II is recommended.

AG CHEMISTRY IN THE EARTH SYSTEM (Ag Soil Chemistry)

Course Description: Agriculture Chemistry is a laboratory science course designed for the college bound student with career interests in agriculture. Students will be involved in hands-on laboratory study and receive an in-depth look at various concepts in chemistry including: chemistry and its relationship to agriculture, matter and energy, the periodic table, bonding, chemical reactions, moles, and gasses.

HONORS ANATOMY & PHYSIOLOGY

Prerequisite: Students must have completed Biology and Chemistry both with a grade of “C” or above.

Course Description: This course is a laboratory science class that covers human anatomy and physiology and is designed for the student intending to pursue a career in a medical or fitness related field. The course will focus on the integration of structure and function of body systems needed to maintain homeostasis. It will integrate topics related to health and fitness such as nutrition, exercise and kinesiology, and disease. Microscopy work is a component of all system laboratory activities in conjunction with dissections. Students are exposed to and engage in hands-on common clinical practices pertaining to diagnosis. Computers/laptops are utilized regularly for research, data input, and data analysis during laboratory work.

VETERINARY LIFE SCIENCE

Course Description: Veterinary Science is a course designed to provide students an applied scientific study in the area of animals and veterinary care. This course focuses on applying animal anatomical and physiological knowledge to the maintenance and improvement of animal health, including; clinical diagnosis of disease and parasites, administration of medications, and common surgical procedures. Biological applications will include studies in cells, genetics, and evolution as they pertain to the animal/veterinary field. Dissections and various other livestock specimens will serve as a supplemental lab practicum throughout the duration of this course. Each unit includes a clinical practice component at the conclusion to put the knowledge learned into a real veterinary clinical situation. Additional emphasis will be placed on industry practices, including office procedures, public relations, and communications, laboratory skills.

ZOOLOGY

Course Description: The purpose of this course is to introduce students to the science of zoology. Students will become aware of the world of animals and their interrelationships, develop an understanding of the significance of the diversity of life and the balance of nature, and examine the physiological and morphological characteristics of animals that allow them to survive in their environment. The basic principles of the curriculum focus on the unity and diversity of animal life and the manner in which structure and function complement each other. With a strong emphasis on comparative anatomy, students will observe living specimens and participate in dissection of preserved organisms, as well as a variety of other labs that will help reinforce the principles of the scientific method.

World Language Department (E)

SPANISH 1

Course Description: This course is an introduction to the Spanish language through listening, reading, and writing. Students acquire the fundamental vocabulary and grammar necessary to carry on a simple conversation.

SPANISH 2

Course Prerequisites: Successful completion of Spanish 1 with a grade of C or better. Transfer students may be required to take a placement test for proper placement.

Course Description: This course is an intermediate course with a continuing emphasis on listening comprehension and speaking ability with an increased stress on reading and writing skills. The major structure components of the language are presented and drilled through oral and written practice. The different verb tenses are emphasized.

SPANISH 3

Course Prerequisites: Completion of Spanish 1 and 2 with grades of C or better.

Course Description: This course is a detailed review of basic structures of the Spanish language with increasing emphasis on fluency and facility in reading and writing. Students will read short stories, novelettes and the Bible in Spanish. A general grammatical overview is given to review and to reinforce the previous two years of instruction.

AP SPANISH

Course Description: AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

Visual & Performing Arts (F)

ART 1

Course Description: Visual Art introduces and teaches students the fundamentals of Art and Design. Throughout the school year, students will be taught various lessons, skills, and techniques that will allow and encourage them to build a solid foundation and appreciation of the visual arts. In addition to hands-on "art making", students will be introduced to art related vocabulary, Art History, Art Criticism, a variety of Art Movements/Styles, and Artists. Critical thinking, problem solving, and brainstorming activities and skills are fundamental to building a solid foundation in Art Education and are incorporated into every lesson and project. The class is designed to help students understand and appreciate artworks both past and present, and the vital contribution these artworks have made to society.

ART 2

Prerequisites: Art 1

Course Description: This is a two semester intermediate level art course with a focus on

helping students develop skills in painting and pencil rendering through observation and application of art principles. This course will build on existing knowledge of art making skills and design concepts complimented by art history, theory, appreciation and criticism. Students will complete projects and discussions designed to build on their understanding of the fundamentals of drawing and painting as a process, and its relation to space, color, and form. Students will improve their techniques in the mediums that they have previously explored and will be introduced to a new set of materials. Disciplines in both two dimensional and three dimensional art; such as advanced drawing (from observation, memory and imagination), advanced painting, printmaking, collage, sculpture and digital art will be the focus of this class.

DIGITAL MEDIA COMMUNICATIONS & MARKETING

Course Description: Digital Media Communications and Marketing is a year-long course designed to have students understand the role of visual art and design, and its impact on society and culture, particularly in publication mediums. The course will focus on students understanding a designer's target audience and stimulating creativity through a variety of two-dimensional media. Then, students will apply this artistic process to create designs for school media and publication. Finally, they will maintain the integrity of design through the editing process, while collaborating and communicating with their colleagues on staff. The assignments in the course will demonstrate a student's ability to apply the principles of design and effectively communicate their message. Assignments will also have students process, respond to, and judge design works using their knowledge of the elements of art and the principles of design. Students will also write copy and captions in appropriate journalistic style for yearbook, use photojournalism techniques, design a professional, attractive theme-based yearbook, write effective headlines and captions, edit, proofread and evaluate their own and others' work cooperatively within time constraints and deadlines, and learn and use effective sales and promotional techniques. In addition, they will learn how to create a blog post and website through online website builders and blog hosting sites. Students will learn video taking skills, editing techniques and implement them into the weekly 90 Seconds of Stone Ridge videos that will be shown to the school.

PHOTOGRAPHIC DESIGN 1

Course Description: Photo Design explores the practical and artistic uses of today's modern digital cameras. Students learn how to use a digital camera and edit their digital images using the latest image editing software. Students examine the history, theory, and methods of photographic expression, while applying their understanding to the production of their own creative works. Students are exposed to compositional rules and guidelines used in

photography. Emphasis is placed upon the elements and principles of art and design. This course will provide a detailed exploration of digital photography and graphic design as it is used together in a variety of situations such as photojournalism, journalism, infographics, broadcasting, web design, publishing and artistic production. Image manipulation and messages are researched and analyzed in relation to Art Design Elements and Principles for communication value and techniques. Current industry standards are taught along with software, media platforms, composition writing and drawing skills. All this is utilized to enhance student's understanding, retention, and mastery of new communication media and its meanings and used as a tool to help shape, manipulate and influence culture, information and communities. This course implements new technologies that drive creative storytelling in traditional print journalism, web design, infographics and other media. This particular course is the crossroads where photography, journalism, and media arts combine and augment each other. These basics of visual communications, fundamentals of art and design, new technologies, written communications prepare the student for critical thinking and advanced skills in the transmission of new types of information, which require advanced modes of thinking. A rigorous framework of reading, writing, sketching, photography and design exercises enable each student to develop a foundation of techniques and skills applied to assigned projects. Students are required to critique and evaluate their own visual designs and artwork. The goal is to enable understanding and unique creative problem solving manifested in each project and presentation.

ART & HISTORY OF FLORAL DESIGN

Course Description: Art and History of Floral Design provides students with a basic knowledge of artistic perception, creative expression, historical and cultural context(s), aesthetic valuing and connections, relations, and application of the visual art through the design of floral arrangements. Students will connect and apply what is learned in floral art to other art

forms, subjects, and post-secondary educational experiences and careers. Students will explore elements and principles of design, two or three-dimensional designs, history of floral art, arrangement styles and techniques, seasonal holidays and occasional designs. The students will use their skills to make a variety of floral arrangements. In addition, all students will learn various types of cut and potted foliage, potted flowering plants, fresh flowers, tools, materials, display techniques, and cut flower care. Students will learn to recognize balance, and harmony within arrangement, along with scale, color, and design. The historical and cultural past of the floral industry will be discussed as it relates to modern floral design and tradition. Students will participate in the student leadership organization, National FFA and complete a Supervised Agricultural Experience project.

RETAIL FLORAL

Course Description: This course is a continuation of advanced floral techniques and also covers the retail aspects of the floral industry, in depth. Students not only add to their skill level with designing weddings, sympathy, and event floral work, but will also learn how to complete client consultations and pricing estimates. Students will learn customer service skills and basic soft skills to prepare them for a career in the floral industry. This course is largely hands-on in nature.

College - Preparatory Electives

(G)

AG SHOP SKILLS

Course Description: Students will have the opportunity to explore general agricultural mechanics such as shop safety, rope work, tool identification, proper tool use, basic electricity, surveying, carpentry, basic plumbing, SMAW and OAW welding, cold metal work, and sheet metal work. Students will develop an appreciation for shop organization, safety, and working together as a team. Students will be introduced to Supervised Agricultural Experience projects and will participate in activities of the National FFA Organization. This course is a prerequisite for all other mechanics courses involving automobiles, engines, advanced welding, and large project building.

AG WELDING TECHNOLOGY 1

Course Description: This is a concentration career and technical course within a sequence of Ag Mechanics where students will study fundamentals of mechanical and structural systems and facilities. Students will explore professional opportunities in the field of agricultural and welding. Students receive individualized instruction in arc and oxyacetylene welding. The selection of welding methods, welding rod, metals, and equipment are practiced. Students weld metal flat, horizontal, vertical, and overhead positions. Metal inert gas (M.I.G.) and tungsten inert gas (T.I.G.) welding is also covered. Students are also members of FFA and expected to complete projects for their portfolio and leadership projects.

AG WELDING TECHNOLOGY 2

Course Description: Students will build on the knowledge and skills relating to the transfer of matter and energy through electrical, fluid, thermal and mechanical systems. They will also study more advanced fundamentals of mechanical and structural systems and facilities. Students will explore professional opportunities in the field of agricultural engineering and welding. This course provides students with a understanding of manufacturing

processes and systems common to careers in welding and related industries. Topics include the interpretation and layout of welded and assembled part prints, mechanical bonding, joining, cohesive bonding, adhesive bonding, and mechanical fastening. Students will learn the safety of fabrication welding. Additionally, this course may be a gateway program for those students interested in pursuing a post-secondary study in agricultural, mechanical or structural engineering. Leadership development is a required part of this course and will expose students to careers, leadership skills and achievement opportunities.

CHRISTIAN STUDIES - OLD TESTAMENT 1 (9th)

Course Description: This course is designed to provide students with a general introduction to the Old Testament and the historical, sociological, and religious worlds in which the Old Testament was produced. Students will understand the importance of the Old Testament in Judeo-Christian teachings and in the cultural context of modern history and literature.

CHRISTIAN STUDIES - OLD TESTAMENT 2 (10th)

Course Description: This course is designed to provide students with a general introduction to the historical, sociological, and religious worlds in which the Old Testament was produced. Students will understand the importance of the Old Testament in Judeo-Christian teachings and in the cultural context of modern history and literature.

FARM TO FORK

Course Description: Farm to Fork is a laboratory science course that will use a farm-to-fork approach that will focus on sectors of the food science industry that includes food production, preservation, processing, and safety. This course will encourage students to use best practices in growing food, processing and packaging.

INTRODUCTION TO AGRICULTURE

Course Description: This course is designed to give students a strong foundation in various areas of agriculture sciences. Course content will include an introduction to animal and plant sciences, agriculture mechanics, and scientific method. Leadership training will include public speaking, parliamentary procedure-debate, career development events (judging teams), supervised agriculture experience projects, record-keeping skills, and career opportunities in agriculture will be covered.

LIFE OF CHRIST (11th)

Course Description: A comprehensive look at the life of Jesus Christ of Nazareth. This study will focus on his birth, baptism, ministry in the regions of Galilee, Samaria, & Judea. The conclusion of the course will focus on his trial, crucifixion, and resurrection. The writings of "Luke" will be the main focus of the course but additional writings of "Mark", "Matthew", and "John" will be studied in comparison with "Luke". Special attention will be given to the history of the region of Israel under Roman rule starting with the reign of Harod the Great.

CHRISTIAN ETHICS & VOCATIONS (12th)

Course Description: Christian Ethics is a course that draws upon the philosophical and theological insights of theologians and thinkers throughout history. Confucius, Buddha, Socrates, Plato, Aristotle, Augustine, and Aquinas will serve as guides along the way in order to lay the foundation of the importance of the ethical life. Modern thinkers such as J.S. Mill and Kant will offer more recent attempts to articulate how one ought to live. The foundation of the course will be the Scriptural ethic found particularly in Hebrew Scriptures and the Christian Testament. Following in the tradition

of Moses, is Jesus of Nazareth. These towering figures clearly offer an ethical vision for the world that provides a countercultural ethic based on a particular preference for the poor and marginalized. Ignatius of Loyola, Dorothy Day, Martin Luther King, Jr., Pedro Arrupe, and Greg Boyle will provide more recent examples of this countercultural vision for our world today. The goal of the course is to invite students to imagine themselves living a countercultural ethical life in a world where ethical standards are allowed to fall by the wayside. Christian Vocations is a class that helps lead to a personal discovery of purpose and meaning for each student. Part of this process is an overview of the Christian process of decision-making (discernment) and how it can help lead to this personal discovery of purpose and meaning. Students learn how to live their lives to the benefit of others as they consider a vocation of service—in marriage, priestly or consecrated life, or the single life—to the Church and their own communities. Another objective is for students to be able to utilize the classroom process to explore their personal calling and in what capacity they are called to serve their community in love beyond these four Vocations. The students are challenged to identify their own particular strengths and weaknesses as part of this process.

OFFICE INTERNSHIP (SCHOOL OR COMMUNITY)

Course Description: A student internship is an unpaid, career-focused experience during which students become directly involved in the workplace. This experience provides an opportunity for a student to apply the skills obtained in school to real work situations and to learn additional skills. Students will gain hands-on training in the front office completing entry level office duties. Students will work in the office, shadowing different stations of the office to gain hands on experience in an office setting. Students will intern for approximately 135 hours per year.

PUBLIC SPEAKING:

Course Description: This college and career preparatory course provides students with practice in public speaking with an emphasis in rhetorical discourse, research, and writing. This rigorous academic English elective, which is aligned with the California Common Core Standards (ELA), is designed to help students develop the confidence and skills necessary to purposefully engage audiences in multiple speaking settings. The skills and confidence gained from this course will further enable students to become leaders and active and engaged members of their professions and communities. Specifically, students will engage in the following speaking situations: sales/marketing presentation, expository speech including a demonstration of speaking anxiety management techniques, formal research-based lecture on a current social or political issue, impassioned persuasive speech on current social or political issue, impromptu speeches, mock job interview, special occasion speech, demonstration speech, and a panel discussion.

SENIOR CAPSTONE:

Course Description: This course develops a student's ability to function in the three domains: Academic, Career, and Personal/Social. This curriculum builds character assets, which foster resiliency and personal growth, as well as prepares the student for their future success. The course experience marries research-based theories including those from positive psychology with practical application by the student. Throughout the class, students conduct research on a variety of topics, present findings, write essays, and communicate their readiness for post-secondary life through multimedia.

STUDENT GOVERNMENT & LEADERSHIP (ASB)

Course Description: The class is designed to teach leadership skills and governmental structure which ultimately enhances school pride, spirit and culture as well as the student's individual knowledge of a working government. The class will focus on standards designed by the California Association of Directors of Activities and Common Core State Standards, including public speaking, written communication, service learning, presentation skills, community service, government hierarchy, procedures and elections, personal and social development, goal setting, group dynamics, business marketing, finance accounting, advertising, business law and research while positively impacting the entire student body.

STUDENT GOVERNMENT & LEADERSHIP (ASB)

Course Description: Work Experience Education combines paid employment with classroom instruction. Students attend their own jobs during the week and also attend a class session at least once a week at school. Students must have teacher-approved, legal employment while enrolled in this elective. Course grade and credit is earned by completion of the course requirements, which include attending class, submitting paycheck stubs, completing class assignments, and maintaining employment. Work Education Experience is built to help students develop positive work habits and attitude, self-confidence, job skills, and a personal portfolio that can be used to locate, secure, and retain employment in the community. Students will

also identify a career interest, plan a career path, and take the steps needed to move along that path, relating their future to their current employment. The curriculum is tailored to meet the needs of students at various stages of vocational and career development, from those beginning to explore career interests to those who have a defined career path and are employed. Utilizing the key competencies of speaking and listening and problem-solving, this curriculum pushes students towards ongoing and individualized growth. In partnership, teachers, counselors, and industry partners work together to enhance the course's potential to empower young adults to reach their career goals. The course helps meet the diverse learning needs of young adults, providing opportunities for independent learning, one-on-one instruction or mutual support, and learning through a group. Throughout the course, students work to build a portfolio that encompasses important documents that set them up to thrive in the professional world (i.e. resume, career-ed plan, cover letter, sample application, etc.) Students engage in mock interviews, walkthrough workplace scenarios, and brainstorm executive functioning troubleshooting strategies to support success in the working world. Students are able to repeat the course for credit with the teacher providing differentiation and revised projects for students who have extended experience in the workplace.

WORK EXPERIENCE

Course Description: Work Experience Education combines paid employment with classroom instruction. Students attend their own jobs during the week and also attend a class session at least once a week at school. Students must have teacher-approved, legal employment while enrolled in this elective. Course grade and credit is earned by completion of the course requirements, which include attending class, submitting paycheck stubs, completing class assignments, and maintaining employment. Work Education Experience is built to help students develop positive work habits and attitude, self-confidence, job skills, and a personal portfolio that can be used to locate, secure, and retain employment in the community. Students will also identify a career interest, plan a career path, and take the steps needed to move along that path, relating their future to their current employment. The curriculum is tailored to meet the needs of students at various stages of vocational and career

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Physical Education/Health Department

PHYSICAL EDUCATION

Course Description: In this course, students will develop proficient movement skills in sports that are featured at SRCS. Individual and dual activities that help establish and promote an active lifestyle by setting and attaining personal fitness goals. They will become equipped with tools to initiate and monitor their individual participation in physical activities. Social skills and personal responsibility skills will be gained through teamwork and team building, problem solving and leadership. The Mile Run and FitnessGram PACER will be used to evaluate a student's personal fitness levels and growth throughout the school year.

STRENGTH & PERFORMANCE

Course Description: The focus of this course is to give student athletes the tools to be successful in sports and life after sports. The core principles of

this class focus on a pyramid set up. The foundation is FUNDAMENTAL MOVEMENTS. Teaching and helping athletes to move in a way their bodies were designed. This is achieved by a joint by joint approach. Developing mobility and stability and joints that need one or the other or both. We focus on this daily within their warm up routine. Everything is explained in a way the student will understand why this is helping them. On top of fundamental movements we have STRENGTH AND CONDITIONING. This next layer is where we take our good fundamentals and begin adding external loads. Loads vary between weights, bands, forces by individuals and within our conditioning program. Even though loads are being added, fundamental movement is still emphasized day to day. Athletes don't progress their loads if fundamentals break down. The third layer is PERFORMANCE SKILLS. These movements are typically body weight based but involve jump training, speed training and focus on acceleration and deceleration. We can't develop high level athletes if we only focus on strength or only focus on performance. We must have the fundamental movement locked down and then build on top of that with strength and performance. The final layer or "tip of the pyramid" is PROGRAM DESIGN. This encompasses different training phases that athletes go through month to month. Typical training phases last 3-4 weeks. For example, Week 1-4 we could focus on Strength with loads of 80-95% of 1 rep max. Then we would transition Week 5-8 into power which focuses on moving loads of 50-65% of 1 rep max really fast.