

CENTRAL VALLEY CHRISTIAN HIGH SCHOOL COURSE DESCRIPTION GUIDE

BIBLE

BIBLE 1 (Old Testament Survey): This semester-long, graduation-required course is a survey of the Old Testament. In touring this very ancient and supremely holy literature, we will aim to see how God unraveled his plan of salvation through the often vexing, but always fascinating people and events of the Old Testament. Particular attention will be given to the fundamental role that the concept and reality of “covenant” played in unraveling these redemptive-historical events. Finally, and above all, we will focus on how all these Old Testament people, events, and covenants lead up to and find their full fruition in the person and work of Jesus Christ. Simply put, the highest aim of this course is to find Jesus and his gospel in the pages of the Old Testament.

Prerequisite: None

Eligibility: 9th grade

UC/CSU A-G requirement: ‘G’ (College-Preparatory Elective)

BIBLE 2 (New Testament Survey): This semester-long, graduation required course is a survey of the New Testament books of the Bible. We will focus on the key themes, authors, and aims of each book, paying particular attention to historical and cultural context. This study is aimed at enhancing your knowledge of the content and context of the New Testament.

Prerequisite: None

Eligibility: 10th grade

UC/CSU A-G requirement: ‘G’ (College-Preparatory Elective)

BIBLE 3 (Church History/Christian Theology): This year-long, graduation-required course is a two-part series of Church History and Christian Theology. The first semester we tour through the major and pivotal events in Church History (i.e. political shifts, ecumenical councils, schisms, etc) that have shaped the way we understand the various topics of the Christian religion (God, Trinity, Jesus Christ, The Bible, etc.). Our goal is to better understand the catholic Church of which we are a part, to better understand the Christian Scriptures which we have inherited, and ultimately to better know and love Jesus Christ, the head and husband of this Church. The second semester is a tour of the basic Christian doctrines yielded to us from Christian History. We investigate what Christianity teaches about God, the Trinity, Christ, the Holy Spirit, Humanity, Sin, Salvation, Virtues and Vices, etc. We will continue to explore the Christian faith in its universal and ancient expressions so as to better encounter the God of all time, all space, all people, all creation.

Prerequisite: None

Eligibility: 11th grade

UC/CSU A-G requirement: ‘G’ (College-Preparatory Elective)

BIBLE 4 (Apologetics, Christian & Spiritual Formation): This year-long, required, senior class is a journey into God’s Word, and discerning his will. Students will learn to articulate a Biblical, Christian Worldview, and how it applies to everyday life, and will be challenged to compare and contrast this perspective with various other worldviews and religions. The goal of this course is to prepare students for life beyond the walls of CVC as Christian adults by wrestling with difficult questions, and by encountering various areas related to Christian Life and spirituality including but not limited to: worldview, apologetics, discipleship, ethics, & spiritual disciplines.

Prerequisite: None

Eligibility: 12th grade

UC/CSU A-G requirement: ‘G’ (College-Preparatory Elective)

ENGLISH

ENGLISH 1: This year-long, required course is designed for freshmen students entering Central Valley Christian. The focus of the curriculum is to give the students a wide variety of experiences in English, including writing, literature, vocabulary, and grammar. The course will include material that will help introduce the student to the expectations of high school course work, the opportunities in language that CVC provides, and the resources available to the students in the library. The instructor will give additional assistance to those with lower ability levels and create opportunities for those with advanced skills. The English 1 course is the common base from which all students begin their English and other studies at CVC. Drama, poetry, films, novels, and short stories will provide a potpourri of experiences for the student.

Prerequisite: None

Eligibility: 9th grade

UC/CSU A-G requirement: ‘B’ (English)

ENGLISH 2: This year-long, required course for sophomores seeks to hone students' reading comprehension and writing skills through a combination of fiction and nonfiction pieces including novels, articles, essays, drama, poetry, and composition. Class discussions will seek to cultivate critical thinking skills, connect the reading and writing with biblical truths, and aid in the development of a Christian worldview. A main focus is on the appreciation of all types of literature, with the student reacting to literature by way of essays and projects. Vocabulary building will be a year-long process along with development of critical thinking skills.

Prerequisite: None

Eligibility: 10th grade

UC/CSU A-G requirement: 'B' (English)

ENGLISH 3: This year-long, required course for juniors includes a combination of American literature, composition, and language study. A primary focus is on the literature produced in America, with the student reacting by way of essays, literary analysis, and project presentations. The development of critical thinking skills will be a year-long process. There will be some attention given to the historical and social contexts of the works under study. Students will be encouraged to respond to their experiences in this class and its texts in artistic/creative ways, as well as in academic/intellectual ways.

Prerequisite: None

Eligibility: 11th grade

UC/CSU A-G requirement: 'B' (English)

HONORS ENGLISH 3: This year-long course includes a combination of American literature, composition, and language use. Students will be expected to participate in active critical thinking and discussion. Writing and reading requirements will be more rigorous. There will also be a focus on culture and language and the process of making and understanding meaning in texts of various kinds – printed as well as visual. Analyzing how context and historical events impact writing will also inform class discussions and assignments. Students are expected to be self-motivated and disciplined regarding course work. This course seeks to prepare students for the demands of A.P. English and college courses. **This course fulfills the English 3 requirement for graduation. To be recommended for this course, a student must take an entrance exam.**

Prerequisite: Academic performance in English 1 & 2 (and teacher recommendation).

Eligibility: 11th grade

UC/CSU A-G requirement: 'B' (English Honors level approved)

ENGLISH 4: This year-long, required course for seniors includes a combination of English literature, composition, and grammatical use. Oral presentations, artistic interpretations, written analysis and discussions will be interspersed throughout the year. A primary focus is on the literature produced in England, with students reacting to that literature through oral and written compositions and reports. This course is geared toward the college bound student, but those students concluding their education upon high school graduation will be given skills in communication so as to equip them to function adequately in the workplace. Vocabulary building will be a yearlong process along with the development of thinking skills.

Prerequisite: None

Eligibility: 12th grade

UC/CSU A-G requirement: 'B' (English)

A.P. ENGLISH LITERATURE & COMPOSITION: This year-long course is designed to challenge students in reading comprehension, critical thinking and analysis, and advanced writing skills. The content will primarily consist of British novels, drama, short stories, and poetry. Students will be expected to hone their skills in written and oral communication. Writing and reading requirements will be more rigorous. Students are expected to be self-motivated and disciplined regarding course work. This course focuses on preparing students to take the Advanced Placement exam in May.

This course fulfills the English 4 requirement for graduation. In order to be recommended for this course, a student must take an entrance exam.

Prerequisite: Grade of "B-" or higher in Honors English 3 and teacher recommendation.

Eligibility: 12th grade

UC/CSU A-G requirement: 'B' (English) / College Board AP Approved

COLLEGE AND PRACTICAL WRITING: "Great writing creates a world of its own and its readers are proud to live in it" - Cyril Connolly. College and Practical Writing is a semester long, elective course designed to help students develop writing abilities in the area of standardized test, college entrance, scholarship, and practical writing. This course focuses on both the craft, which includes voice, perspective, characterization, style, etc. It will also focus on the creation of entrance essays, personal statements, article responses, blogs, etc. An emphasis will be placed on the importance of revision and students will be required to do both self and peer critiques of class work. Each unit will contain a culminating

project that will become part of a portfolio of original work written by the student. This portfolio will include college entrance essays, personal statements, resumes, letters of intent, etc.

This course fulfills elective credits for graduation.

Prerequisite: None

Eligibility: 12th grade (1st semester) and 11th grade (2nd semester)

UC/CSU A-G requirement: 'G' (College-Preparatory Elective)

SPEECH: This semester-long, required course for sophomores provides the opportunity to improve public speaking, organizational, and argumentative skills. By the end of the semester, students will better be able to demonstrate development of public speaking skills in formal and informal settings, gain factual knowledge about speech in theory and in practice, and be able to demonstrate an understanding of the relationships between speaker, audience, and subject. During the semester students will write speeches that require short term preparation and those that will require careful revision and delivery (longer preparation). Speeches will include, but are not limited to, Informative, Persuasive, Personal Experience, Demonstrative, and Impromptu.

Prerequisite: None

Eligibility: 10th grade

UC/CSU A-G requirement: 'G' (College-Preparatory Elective)

WORLD LANGUAGE

SPANISH 1: This year-long, required course is an introduction to the language and diverse cultures of the Spanish speaking world. The emphasis is on vocabulary building and communication and is usually taken in the freshman year of high school. It fulfills the first of two years of foreign language entrance requirements for many colleges and universities.

Prerequisite: None

Eligibility: 9th grade

UC/CSU A-G requirement: 'E' (Language other than English)

SPANISH 2: This year-long course is a continuation of Spanish 1. Students will increase their knowledge and use of Spanish and be given the opportunity to express themselves in increasingly more open-ended situations. Spanish 2 fulfills the second year of the foreign language entrance requirement for many colleges and universities.

Prerequisite: Grade of "C-" or above each semester in Spanish 1

Eligibility: 10th grade

UC/CSU A-G requirement: 'E' (Language other than English)

HONORS SPANISH 2: This year-long course is designed for students who have successfully completed Spanish 1 and who excelled in that capacity. This class continues to build on what was learned in Spanish 1 with a focus on the past tenses, reflexive verbs, and commands. It is usually taken in the sophomore year of high school and fulfills the second of two years of foreign language entrance requirement for many colleges and universities.

Prerequisite: Grade of "B-" or above each semester in Spanish 1 & teacher recommendation

Eligibility: 10th grade

UC/CSU A-G requirement: 'E' (Language other than English-not honors approved)

SPANISH 3: This year-long course is a continuation of Spanish 2, continuing to build on students' understanding of vocabulary and grammar in order to further communicate. This course focuses on perfect tenses, the subjunctive, the future, and the conditional. Students will learn how to tell stories, make arguments, express opinions, and discuss plans for the future.

Prerequisite: Grade of "C" or above each semester in Spanish 2

Eligibility: 11th grade

UC/CSU A-G requirement: 'E' (Language other than English)

HONORS SPANISH 3: This year-long course is a continuation of Spanish 2 or Honors Spanish 2. It is geared specifically towards students who excelled in Spanish 2 and who are considering continuing to AP Spanish. This course takes the skills built in Spanish 1 and 2 and uses them to focus on communication. Students continue to hone their reading, writing, speaking and listening skills, primarily in the context of reading short stories and novels and discussing the texts. Texts include works by Sabine Ulibarri, Ana María Matute, and the novel *Esperanza Renace*.

Prerequisite: Grade of "B" or above each semester in Spanish 2 & teacher recommendation

Eligibility: 11th grade

UC/CSU A-G requirement: 'E' (Language other than English Honors - level approved)

AP SPANISH LANGUAGE & CULTURE: This year-long course is an advanced, college-level reading and writing class designed for students who excelled in Honors Spanish 3. The course includes high-level vocabulary building, intensive grammar review, and an exploration of the culture of Spanish-speaking countries, their history and literature. The course prepares students to take the AP test in Spanish Language and Culture.

Prerequisite: Grade of “B+” or better each semester in Honors Spanish 3 & teacher recommendation

Eligibility: 12th grade

UC/CSU A-G requirement: ‘E’ (Language other than English - College Board AP Approved)

MATHEMATICS

ALGEBRA 1: This year-long, required course helps students understand the basic structure relating to real numbers and to recognize and apply mathematics techniques for the solution of linear and quadratic equations. They will also study exponential and rational functions and basic trigonometry.

Prerequisite: A “C-” or better in Pre-algebra or similar course.

Eligibility: 9th-10th grade

UC/CSU A-G requirement: ‘C’ (Mathematics)

GEOMETRY: This year-long, required course is the study of inductive and deductive thinking. It includes congruence relationships, angle and triangle relationships and proofs, as well as the study of circles, polygons, and 3D shapes. It provides use of coordinate geometry and its applications to the real world.

Prerequisite for 4-year college admissions: A “C-” or better each semester of Algebra 1

Prerequisite for graduation requirements ONLY: A “D-” or better each semester of Algebra 1

Eligibility: 9th-12th grade

UC/CSU A-G requirement: ‘C’ (Mathematics)

GEOMETRY PLUS: This year-long course is the study of inductive and deductive thinking. It includes congruence relationships, angle and triangle relationships and proofs. It is also the study of circles, polygons, and 3D shapes. It goes even further to provide an extensive integration of algebra and geometry, plus widespread use of coordinate geometry and applications to the real world.

Prerequisite: Grades of “A-” or better each semester of Algebra I.

Final approval will be determined by the Math Department after taking an algebra diagnostic test.

Eligibility: 9th-10th grade

UC/CSU A-G requirement: ‘C’ (Mathematics – not honors approved)

ALGEBRA 2: This year-long course extends the study of previously learned functions—linear and quadratic—as well as develops new functions-exponential, logarithmic, polynomials, and rational functions while staying within the real number system.

Prerequisite: A “C-” or better each semester of Geometry and Algebra 1

Eligibility: 10th-12th grade

UC/CSU A-G requirement: ‘C’ (Mathematics)

HONORS ALGEBRA 2: This year-long course extends the study of previously learned functions—linear and quadratic—as well as develops new functions—exponential, logarithmic, polynomials, rational, and trigonometric functions. It also includes the study of geometric representation of equations of quadratic functions (conics); and extends the study of number systems to complex numbers.

Prerequisite: A “B-” or better each semester of Geometry Plus or an “A-” or better each semester in both Algebra 1 and Geometry.

Final approval will be determined by the Math Department after taking an algebra diagnostic test.

Eligibility: 10th-12th grade

UC/CSU A-G requirement: ‘C’ (Mathematics – not honors approved)

STATISTICS: This year-long course pertains to the collection, analysis, interpretation, and presentation of data. It also provides tools for prediction and forecasting based on data. It is applicable to a wide variety of academic disciplines, from the natural and social sciences to the humanities, government, and business. Statistical methods and measurements will be developed in the context of application. Computer software and graphing calculator technology are incorporated throughout the course.

Prerequisite: A “C-” or better each semester of Algebra 2.

Eligibility: 11th-12th grade

UC/CSU A-G requirement: ‘C’ (Mathematics)

AP STATISTICS: AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. Students will take the AP Statistics Exam at the end of the course. **Prerequisites: B- or better in both semesters of Algebra 2.**

Eligibility: 12th grade

This course culminates with a required college board cumulative test (AP Exam) for potential college credit.

UC/CSU A-G requirement: 'C' (Mathematics-honors approved) / College Board AP approved

PRECALCULUS: This year-long course extends the study of previously learned functions - linear, polynomials, exponential and logarithmic, and rational functions. It also includes the study of geometric representation of equations of quadratic functions (conics); systems of equations with the use of linear algebra; and extends the study of number systems to complex numbers.

Prerequisite: A grade of at least "B-" or better both semesters in Algebra 2.

Eligibility: 11th-12th grade

UC/CSU A-G requirement: 'C' (Mathematics)

AP PRECALCULUS (formerly Honors Precalculus): In AP Precalculus, students explore situations using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. This course is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

Prerequisite: A "B-" or better both semesters in Honors Algebra 2.

Final approval will be determined by the Math Department.

Eligibility: 11th – 12th grade

This course culminates with a required college board cumulative test (AP Exam) for potential college credit.

UC/CSU A-G requirement: 'C' (Mathematics-honors approved)/College Board AP approved

AP CALCULUS AB: This year-long college-level calculus course includes limits and continuity of functions; derivatives of algebraic, trigonometric and exponential functions and their applications in problems involving rate; and integration of algebraic, trigonometric and exponential functions and the application in problems involving area, volume, and physics.

Prerequisite: A "B-" or better both semesters of Honors Pre-calculus or a similar course OR a "B+" or better both semesters of Pre-calculus or similar course.

Final approval will be determined by the Math Department.

Eligibility: 12th grade

This course culminates with a required college board cumulative test (AP Exam) for potential college credit.

UC/CSU A-G requirement: 'C' (Mathematics-honors approved) / College Board AP approved

PHYSICAL EDUCATION

HEALTH: This semester-long, required course for freshmen is taught in order to promote the importance of developing and maintaining physical, mental, and social health from a Biblical perspective. The objective is to promote mature, responsible decision-making and the application of fundamentals of fitness that will empower students towards a lifetime of physical, mental, and social wellness. **This class completes 5 of the 20 credits needed for CVCHS's physical education graduation requirement.**

Prerequisite: None

Eligibility: 9th grade

STRENGTH & CONDITIONING: This semester-long course is designed to increase strength, flexibility, core function, general fitness, resistance to athletic injury, and overall athleticism. **This class completes 5 of the 20 credits needed for CVCHS physical education graduation requirement.**

Prerequisite: None

Eligibility: 10th-12th grade

ATHLETIC PARTICIPATION: Each CVCHS sport a student participates in earns 5 semester credits toward P.E. graduation requirement of 20 credits. Credit is based on a Pass/Fail earned for each athletic participation.

Eligibility: 9th-12th grade

SCIENCE

PHYSICAL SCIENCE: This year-long freshman course covers introductory level Physics and Chemistry. Topics studied include energy, forces, motion, atom structure, and table of elements as they relate to the real world.

Prerequisite: None

Eligibility: 9th grade

UC/CSU A-G requirement: 'D' (Applied Science)

BIOLOGY: This year-long, required course is designed to give the student an overview of the 6 major domains of Biology: cell biology, molecular biology, classification, ecology, and adaptation, and genetics.

Prerequisite: Recommendation from 8th grade science teacher.

Eligibility: 9th-10th grade

UC/CSU A-G requirement: 'D' Laboratory Science (Biology/Life Sciences)

CHEMISTRY: This year-long course teaches about atoms, and how atoms can be arranged to form the materials of our world and universe. ***Must be taken concurrently with or after Algebra II**

Prerequisite: A grade of at least "C-" or better each semester in Biology.

Eligibility: 10th-12th grade

UC/CSU A-G requirement: 'D' Laboratory Science (Chemistry)

HONORS CHEMISTRY: This accelerated, year-long course teaches about atoms and how atoms can be arranged to form the materials of our world and universe.

Prerequisite: Same as Chemistry and recommendation from Science Department

Eligibility: 10th-12th grades

UC/CSU A-G requirement: 'D' Laboratory Science (Chemistry)/Honors level approved

INTRO TO ENGINEERING & DESIGN: Introduction to Engineering Design (IED) is a high school engineering course in the PLTW Engineering Program. In IED, students explore engineering tools and apply a common approach to the solution of engineering problems, an engineering design process. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students progress from completing structured activities to solving open-ended projects and problems that require them to plan, document, communicate, and develop other professional skills. Through both individual and collaborative team activities, projects, and problems, students will solve problems as they practice common engineering design and development protocols such as project management and peer review. Students will develop skills in technical representation and documentation of design solutions according to accepted technical standards, and they will use current 3D design and modeling software to represent and communicate solutions. In addition, the development of computational methods that are commonly used in engineering problem-solving, including statistical analysis and mathematical modeling, are emphasized. Ethical issues related to professional practice and product development are also presented.

Prerequisite: A grade of at least "C-" or higher in Algebra 1.

Eligibility: 10th-12th grade

UC/CSU A-G requirement: 'D' Science (Engineering)

ANATOMY & PHYSIOLOGY (Previously Medical Science): Anatomy and physiology explores the systems in the human body by emphasizing physiological mechanisms and a thorough understanding of human anatomy while emphasizing the relationship of structure to function. It covers the major organ systems of the human body while focusing on the interdependence of these systems and maintenance of homeostasis. A&P offers the student with a strong biology and chemistry background – along with an interest in the healthcare field, the opportunity to learn about the anatomy and physiology of the human body at a higher level in a laboratory setting.

Prerequisite: A grade of "B-" or better in Chemistry

Eligibility: 11th-12th grades

UC/CSU A-G requirement: 'D' Science: Laboratory Science (Applied Science)

PHYSICS: Physics is a year-long, algebra-based physics course where students cultivate their understanding of Physics through investigating and exploring topics such as Newtonian mechanics; work, energy, and power; and mechanical waves and sound.

Prerequisite: A grade of “B” or above in Chemistry and successfully completed Algebra 2.

Concurrent enrollment in Pre-calculus is recommended.

Eligibility: 11th-12th grades

UC/CSU A-G requirement: ‘D’ (Laboratory Science-Physics)

SOCIAL STUDIES

WORLD HISTORY: This year-long, required course for sophomores examines the plight of complex societies against the backdrop of redemptive history. Students will consider the relationship between worldview and institutional government, the genesis of worldwide commerce, the reasons for influential revolutionary movements, and the implications of military and political conflicts. Students will practice thinking critically and responding appropriately; follow pertinent current events and analyze points of debate using evidence; learn to frame and research historical questions; compare and contrast ideologies, movements, and societies; and consider continuity and change over time.

Prerequisite: None

Eligibility: 10th grade

UC/CSU A-G requirement: ‘A’ (History/Social Science)

UNITED STATES HISTORY: This year-long, required course for juniors examines significant events, movements, and worldviews that have shaped the United States.

Prerequisite: World History

Eligibility: 11th grade

UC/CSU A-G requirement: ‘A’ (History/Social Science)

HONORS U.S. HISTORY: This year-long course for juniors offers an issue-oriented study of the United States. The course is designed to acquaint students with key events, values, and debates in the United States, and will equip them to formulate and evaluate historical arguments. (Students will be notified of placement at the end of the fourth quarter.)

This course fulfills the U.S. History requirement for graduation.

Prerequisite: Required grade of ‘A-’ in both semesters of World History, and/or teacher recommendation.

Eligibility: 11th grade

UC/CSU A-G requirement: ‘A’ (History/Social Science/Honors level approved)

UNITED STATES GOVERNMENT: This semester-long, required course for seniors examines the principles published in the founding documents of the United States, and seeks to equip students to evaluate the execution of those principles in American government.

Prerequisite: None

Eligibility: 12th grade

UC/CSU A-G requirement: ‘A’ (History/Social Science)

ECONOMICS: This semester-long, required course for seniors will give students the vocabulary and analytical experience necessary to examine their own choices and the consequences of society’s choices. Part of this course includes Dave Ramsey’s Personal Finance curriculum.

Prerequisite: None

Eligibility: 12th grade

UC/CSU A-G requirement: ‘G’ (College-Preparatory Elective)

AP MICROECONOMICS: This accelerated, semester-long course for seniors provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature of the functions of product markets, and the role of government in promoting greater efficiency and equity in the economy. **This course fulfills the Economics requirement for graduation.**

Prerequisite: Must be taken concurrently with or after taking AP Calculus, AP Precalculus, or Statistics (and teacher recommendation).

Eligibility: 12th grade

UC/CSU A-G requirement: ‘G’ (College-Preparatory Elective)/College Board AP Approved

NEW COURSE - AG. GOVERNMENT: This semester-long, course for seniors focuses on the structure and processes of the United States Government System. Initial emphasis will be on the responsibilities and rights of citizenship, voting, political parties, elections, campaigns, the Constitution, the branches of government, and the Bill of Rights. Additionally, the course will compare the political power at the local, state, national, and global levels. A consistent focus throughout the course will be an analysis of the role that both the government and voters play in developing policies and laws affecting the Agriculture Industry. Students will also be involved in Supervised Agricultural Experience projects and develop leadership skills through participation in the FFA program. This course meets the state government graduation requirement.

Prerequisite: None

Eligibility: 12th grade

UC/CSU A-G requirement: 'A' (History/Social Science)

NEW COURSE- AG. ECONOMICS: This course is designed for the student interested in understanding the operations and institutions of economic systems as applied to our nation's largest industry-agriculture. Units of instruction include basic economic concepts, comparative economic systems, individual and aggregate economic behavior and international trade and policy. Instruction is also given in leadership, citizenship, and career education. Students will also be involved in Supervised Agricultural Experience projects and develop leadership skills through participation in the FFA program. This course meets the economics graduation requirement.

Prerequisite: None

Eligibility: 12th grade

UC/CSU A-G requirement: 'G' (College-Preparatory Elective)

VISUAL AND PERFORMING ARTS

INTRODUCTION TO STUDIO ART: In this year-long class students will produce 8-10 meaningful pieces of high-quality art in a variety of media including drawing, painting, watercolor, clay, sculpture, printmaking. They will also learn about artists and styles from history, develop an understanding of aesthetics, master the elements of art and respond critically to their own craftsmanship. This class serves as a prerequisite to a full year of 2D Art or a full year of 3D Art.

Prerequisite: None

Eligibility: 9th-12th grades

UC/CSU A-G requirement: 'F' (Visual Arts)

2-DIMENSIONAL ART: This year-long course focuses on the understanding and production of traditional 2-dimensional art media. Focus will be on pencil, colored pencil, printmaking, watercolor and oil painting. Two consecutive semesters of this course fulfills the U.C. Requirements for a Visual and Performing Arts course.

Prerequisite: A passing grade in Intro to Art, or permission from the Art instructor.

Eligibility: 10th-12th grade

UC/CSU A-G requirement: 'F' (Visual Arts)

3-DIMENSIONAL ART: This year-long course focuses on the understanding and production of traditional 3-dimensional art media. The class will focus mostly on different types of clay production (hand building and wheel-throwing) but will also include metal embossing, reduction carving, and sculpture. Two consecutive semesters of this course fulfills the U.C. Requirements for a Visual and Performing Arts course.

Prerequisite: A passing grade in Intro to Art or permission from the Art instructor

Eligibility: 10th-12th grade

UC/CSU A-G requirement: 'F' (Visual Arts)

ADVANCED ART: This year-long course focuses on individual visual communication and portfolio building. Each quarter will have a different focus, but all will include art history, aesthetics, art criticism and intense production. This class is for independent students who want to deepen their personal visual communication. Two consecutive semesters of this course fulfill the U.C. Requirements for a Visual and Performing Arts course.

Prerequisite: Passing grade in either 2-D or 3-D Art

Eligibility: 12th grade

UC/CSU A-G requirement: 'F' (Visual Arts)

CAVALIER BAND: This year-long course is open to all students who have demonstrated proficiency at playing music that is Grade III or above. Band members build on the fundamental skills of proper instrumental performance and musical knowledge and are exposed to a variety of music styles. Two consecutive semesters of this course fulfill the U.C. Requirements for a Visual and Performing Arts course.

Prerequisite: None

Eligibility: 9th-12th grade

UC/CSU A-G requirement: 'F' (Music)

CAVALIER CHOIR: This year-long course is a mixed chorus. Students learn basic elements of music reading and theory, sight-singing, vocal production, and vocal performance. Two consecutive semesters of this course fulfill the U.C. Requirements for a Visual and Performing Arts course.

Prerequisite: None

Eligibility: 9th-12th grade

U.C. Approved: UC/CSU A-G requirement: 'F' (Music)

CHAMBER CHOIR: This year-long, pre-first course is a small mixed honor ensemble for auditioned 9th-12th-grade students. Students will develop increased competency in elements of music reading and theory, sight-singing, vocal production, and vocal performance. Concurrent enrollment in Cavalier Choir required.

Prerequisite: Audition required

Eligibility: 10th-12th grades

GRAPHIC ARTS A/B: This year-long course focuses on learning the principles and rules of design while working with Photoshop and Illustrator. In this computer-based course, students will work independently to create images, develop stories, design print media and work with real-world situations involving visual communication. Students will also learn video editing skills and techniques with Adobe Premiere Pro for different areas of marketing and video production.

Eligibility: 9th-12th grade

UC/CSU A-G requirement: 'F' (Interdisciplinary)

GRAPHIC DESIGN/YEARBOOK PRODUCTION: This year-long class is an opportunity for students to design the CVC Preschool through 12th grade yearbook using an online computer program through Jostens and some Photoshop techniques. Ideally, the class comprises 2 Freshmen, 2 Sophomores, 4 Juniors, and 4 Seniors.

Prerequisite: Approval from the Yearbook Adviser

Eligibility: 9th-12th grade

UC/CSU A-G requirement: 'F' (Interdisciplinary)

AGRICULTURE / FFA

AGRICULTURAL SCIENCE 1: Ag.Science 1 will develop knowledge and skills that provide a foundation for understanding the industry of agriculture in a global society. The course will provide knowledge and skills in the areas of animal science, plant and soil science, ornamental horticulture, forestry and natural resources, agricultural business management, and agri-science.

Prerequisite: None

Eligibility: 9th grade

UC/CSU A-G requirement: 'D' (Laboratory Science-Biology/Life Sciences)

***Note: Enrollment in any of the Ag. Courses require FFA Participation (3 activities per semester)**

AGRICULTURAL BIOLOGY: Agricultural Biology courses apply biological principles and understanding to plant and animal science in order to produce or refine agricultural products. Course topics typically include but are not limited to microbiology, genetics, growth and reproduction, structural basis of function in living systems, chemistry of living systems, quantitative problem-solving, and data acquisition and display.

Prerequisite: AG-1 (Introduction to Agri-Science)

Eligibility: 10th grade

UC/CSU A-G requirement: 'D' (Laboratory Science-Biology/Life Sciences)

***Note: Enrollment in any of the Ag. Courses require FFA Participation (3 activities per semester)**

AGRICULTURAL SCIENCE 2: This year-long course is designed for college-bound students with an interest in agriculture. The lab-based course is designed for the students to analyze elements of life science, earth science, and physical science with agricultural applications. Students will be able to evaluate the interconnectedness of all levels of science in agriculture.

Prerequisite: A grade of 'C-' or better each semester of Chemistry

Eligibility: 12th grade

UC/CSU A-G requirement: 'G' College-Preparatory Elective (Laboratory Science-Biology/Life Science)

***Note:** Enrollment in any of the Ag. Courses require FFA Participation (3 activities per semester)

AG. LEADERSHIP: This class is designed to discuss leadership and careers. We will look at the skills necessary to be a leader, how to work as a team, manage people, and many career-related things as well. Topics will include team building exercises, personality profiles, career interest profiling, parliamentary procedure, and specific leadership qualities, with others to be developed from student interest. This class will be highly project-oriented and will include writing assignments, team and individual projects, and journals. All information will be presented in terms of how it affects you as a student, an individual, and a future (or current) leader in society. FFA Banquet, Meetings, and other FFA Events will be an integral part of the course.

Prerequisite: One year of Ag. or recommendation from the Ag. Advisor.

Eligibility: 11th-12th grades

***Note:** Enrollment in any of the Ag. Courses require FFA Participation (3 activities per semester)

FLORAL DESIGN: This year-long course includes the following: Floral Design will introduce basic floral skills to students and they will be designing 2-D and 3-D floral arrangements. Students are introduced to the elements and principles of visual art design such as line, shape/form, color, balance, and emphasis using a series of floral-based projects to explore the connections, relations, and application to visual arts design.

Prerequisite: One year of Ag. or recommendation from the Ag. Advisor.

Eligibility: 11th-12th grade

UC/CSU A-G requirement: 'F' (Visual Arts)

***Note:** Enrollment in any of the Ag. Courses require FFA Participation (3 activities per semester)

AG. MECHANICS 1: In this year long course the student will develop welding skills in Oxy-Fuel. Along with additional shop safety and communication skills. Introduction to woodworking skills, along with basic electricity. Students are introduced to Onshape, a cloud based CAD system. With the introduction of CDE teams relevant to class. **(FFA participation will account for 20% of grade, a combination of at least 3 FFA points per semester and a valid SAE project).** **(FFA participation will account for 20% of grade, a combination of at least 3 FFA points per semester and a valid SAE project)**

Prerequisite: None

Eligibility: 9th-11th grade

UC/CSU A-G requirement: 'G' (Interdisciplinary)

AG. MECHANICS 2: This year-long course will build on skills learned in Ag. Mech. 1 by incorporating welding skills (SMAW) with ability to read and draw basic plans to build items, with metal. TIG welding will be introduced to students. Students will continue to develop their skills in the use of Onshape, a cloud based CAD system. This will encourage a deeper thought process and aid them in developing both material lists and cut lists for projects. While giving students the opportunity to be involved in FFA. **(FFA participation will account for 20% of the student's grade – a combination of at least 3 FFA points per semester and a valid SAE project.)**

Prerequisite: Ag. Mechanics 1

Eligibility: 10th-12th grade

UC/CSU A-G requirement: 'G' (Interdisciplinary)

AG. MECHANICS 3: This year-long course will build on skills learned in Ag. Mech. 1 & 2 with addition of GMAW welding process. When welding units are completed students are expected to have a project they want to build that can be either metal or wood or both. The projects the students wish to build must be drawn on Onshape, and both a cut list and material list must be developed with pricing. This course provides students with an opportunity to be involved in FFA. **(FFA participation will account for 20% of grade, a combination of at least 3 FFA points per semester and a valid SAE project.)**

Prerequisite: Ag. Mechanics 2

Eligibility: 11th-12th grade

UC/CSU A-G requirement: 'G' (Interdisciplinary)

AG. MECHANICS 4: This year-long course will build on skills learned in Ag. Mechanics 3. Students will be encouraged to challenge themselves with more complex projects, causing higher thought and more involved planning. The projects the students wish to build must be drawn on Onshape, and both a cut list and material list must be developed with pricing. This course provides students with an opportunity to be involved in FFA. **(FFA participation will account for 20% of grade, a combination of at least 3 FFA points per semester and a valid SAE project)**

Prerequisite: Ag. Mechanics 3.

Eligibility: 12th grade

UC/CSU A-G requirement: 'G' (Interdisciplinary)

AG. BUSINESS (F.F.A.): In this course, we will discuss and investigate the true cost of doing business. This will include how to calculate what an hourly employee really costs the business owner. Calculating turns of inventory and figuring profit margins. We will discuss how various industries are related and can affect your business. The importance of sound record keeping and financial management. ***Note: Enrollment in any of the Ag. Courses require FFA Participation (3 activities per semester)**

Eligibility: 12th grade

UC/CSU A-G requirement: 'G' (Interdisciplinary)

CVC ELECTIVES

COMPUTER SCIENCE: This year-long course introduces students to computer science through:

- A. Object-oriented Java programming language.
- B. Programming of small robots (SphereO Ball and RVR Rover)
- C. Use of a Software Defined Radio to receive public broadcasts including weather satellite images.
- D. Programming and flying a drone.

Prerequisite: Algebra I

Eligibility: 10th-12th grade

IMPACT: This year-long elective consists of a group of students who study the elements of worship design and work together to plan chapel each week. They spend a great deal of time in prayer, as well as choosing music, scheduling speakers, adapting skits, planning service day & other special events and working to set the overall spiritual tone of the school year.

Prerequisite: Application and interview with Impact teacher.

Eligibility: 10th-12th grade/approval from Impact teacher.

THEATER LIGHT AND SOUND: This year-long elective is an introduction into what goes on behind the scenes of stage and theater production. You will have hands-on experience with sound equipment, lighting equipment and the maintenance needed to produce sound and lighting support for CVCS productions.

Prerequisite: Previous experience working in your church's sound/production program is preferred but not necessary and with a desire to learn skills in this area.

Eligibility: 10th-12th grade and approval from the THLS teacher.

(Freshmen are considered by the teacher through prior interviews.)

STUDENT SUPPORT

Study Skills: The Study Skills Program is designed to assist and support students academically due to an IEP/ISP or 504 plan. Students with a documented need for academic support are placed in the class to receive studying skills to be successful in high school and reinforcement of material from other classes in a small group setting. Priority for this class first goes to students with an IEP/ISP or 504 plan and then to students recommended by teachers, counselors, and administrators. Students receive elective credit for the Study Skills class and may take the course for 1-8 semesters depending upon need and availability.

Prerequisite: Reserved for students who have been tested and/or diagnosed with a learning disability.

Eligibility: 9th-12th grade

UC/CSU A-G requirement: 'G' (Interdisciplinary)