



Santa Rosa Christian School

Course Catalog

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Department of English

English 9 (2 semesters, 10 units): Students will read a wide range of literature selections dealing with human nature, human needs, and changing social and political thought. Students are taught to use various reading strategies that will help them to obtain a deeper understanding of the novels poems, and plays that we read both in and outside of this class. The writing centers on developing literary analysis abilities, and developing a personal voice using proper writing mechanics. Students will learn and follow MLA formal for all of their formal writing. Public speaking will be practiced and different methods will be taught to enhance student performance with this skill. Students will continue their study of vocabulary, literary terminology, grammar usage, and writing mechanics in daily lessons, weekly workbook study and evaluation of student writing.

English 10 (2 semesters, 10 units): Students will read a wide range of world literature selections. The focus will be on distinguishing culturally significant and universal themes as well as recognizing Biblical allusions. Various reading strategies will help them to make personal, as well as historical and contemporary connections to the novels, poems, and plays that we read both in and outside of this class. The writing portion of this class centers on honing literary analysis abilities with the continued practice of “process writing”, the use of rhetorical strategies, and the development of personal voice and style all while using proper writing mechanics. Public speaking will also be practiced to enhance student performance with platform presentations. Students will continue their study of vocabulary, literary terminology, grammar usage, and writing mechanics in daily lessons, weekly workbook study, and the evaluation of student writing.

English 11 (2 semesters, 10 units): Students will read and respond to a variety of historically and culturally significant works of American literature. The reading selections will reflect and enhance their knowledge of history and the development of “American Identity.” Students will gain insights as to how different authors employ rhetorical strategies in order to command their audience, and comment on the social and political environments that gave birth to their ideas. In looking closely at the contributions of others, students will hopefully begin to see themselves as capable contributors to our society, and begin to take themselves more seriously as authors of ideas. Students can expect to write several compositions during the course of each term. Students are also expected to deliver clear, focused, and coherent oral presentations, and multi-media presentations that demonstrate a consideration of their audience and purpose. Expanding student vocabulary and fluency with the mechanics of language is a continual practice. Students are expected to work through systematic vocabulary lessons, grammar conventions, as well as evaluate and revise their own work and the work of their peers.

English 12 – Expository and Rhetoric (2 semesters, 10 units): Students will read and respond to a variety of historically and culturally important works of literature that arose out of Europe during significant times in our world’s history (Medieval, Elizabethan, Enlightenment, Romantic, Victorian, and modern/Ex-patriot). The reading selections reflect and enhance each student’s knowledge of history and humanity; and that hopefully, through the course of this class, students will become more aware of

the meaningful experiences they are sharing with this world, and engaging in with their own lives. Students can expect to write several compositions including responses to literature, reflective writing (scholarship and college essays), creative fictional or biographical narratives, timing writing, functional documents, and a research/investigative paper. Students are also expected to deliver clear, focused, and coherent oral reports, and multi-media presentations that demonstrate a consideration of their audience and intended purpose. Expanding student vocabulary and fluency with the mechanics of language is a continual practice. Students are expected to work through systematic vocabulary lessons, and grammar conventions, as well as evaluate and revise their own work and the work of their peers.

Honors English opportunities:

English 10 Honors; English 11 Honors; English 12 Honors – Honors Expository and Rhetoric (all 2 semesters, 10 units; Pre-requisites for Honors classes: A or B in prior English class and teacher approval)

Note: Honors English is designed for students who demonstrate high quality work, and an interest in Language Arts. Honors students are expected to demonstrate leadership among their classmates and honorable excellence in pursuit of the goals assigned in this course. Honors level status is a privilege extended to students for the next successive year only if this year's academic achievements warrant that extension. Honors students will do all of the same coursework in Academic English classes, but will add the following: Create and teach a lesson on a subject the teacher determines; Meet more rigorous standards of evaluation on all papers, projects, and presentations; Be successful on tests that are extended specifically for honors students; Complete honors specific assignments drafted with the intention to prepare you for success on the AP English exam; Move beyond the standard 5 paragraph essays and work towards developing more sophisticated writing that emphasizes content, and purpose; Complete "off-term" reading and/or writing assignments.

Department of Mathematics

Algebra I (2 semesters, 10 units): The purpose of the Algebra I Curriculum is to increase student awareness of the importance of mathematics in the modern world. The students will become more confident of their ability of work with mathematical concepts and relationships. They will learn how to think systematically and use the precise logic required for mathematical problem solving. This course builds on the student's understanding of basic mathematics in the study of algebraic skills and problem solving. Students will learn to express real-world problems in algebraic sentences in order to find solutions. Successful completion of the course is an indispensable step in preparation for geometry, more advanced algebra, trigonometry, and advanced mathematics.

Geometry (2 semesters, 10 units; Pre-requisite: Algebra I): This course in the study of Geometry builds on skills and concepts learned in Algebra I and strengthens the students' ability to formulate and analyze problems. A pre-requisite to geometry is a solid foundation in algebra skills. Geometry includes math vocabulary, organization of proofs, points, lines, planes and angles, parallel lines and planes, transformations and congruence, congruent triangles, similar polygons, right triangles, circles, areas of plane and solid figures, volumes and surface areas of solids, using formulas in solving problems,

visualizing geometric situations, and using geometric ideas in real situations. The objective of this course is to provide the student with the requisite foundation for the study of advanced algebra and trigonometry.

Algebra II and Algebra II Honors (2 semesters, 10 units; Pre-requisite: Geometry “B or above for Honors consideration”): The purpose of the Algebra II curriculum is to increase student awareness of the importance of mathematics in the modern world. The students will become more confident of their ability of work with mathematical concepts and relationships. They will learn how to think systematically and use the precise logic required for mathematical problem solving. This course builds on the student’s understanding of basic algebraic and geometrical concepts in the study of more advanced algebraic skills and problem solving. Students will learn to express real-world problems in algebraic sentences in order to find solutions. Successful completion of the course is an indispensable step in preparation for pre-calculus, trigonometry, and calculus courses. ***In all aspects of this course, those students who are doing honors are expected to work to a higher level of excellence.***

Pre-Calculus (2 semesters, 10 units; Pre-requisite: A or B in Algebra II): Pre-Calculus is a college-level course consisting of advanced mathematical concepts and problem solving techniques. Topics include: college algebra, advanced trigonometry, analytic geometry, mathematical analysis, graphing, probability and mathematical induction.

Honors Calculus (2 semesters, 10 units; Pre-requisite: A or B in Pre-Calculus): Honors Calculus is a college-level course in differential and integral calculus and is equivalent to one semester of calculus at most universities. Topics include: limits, continuity, derivatives and their applications, anti-derivatives, integrals and their applications, the Fundamental Theorem of Calculus and an introduction to differential equations.

Department of Science

Physical Science (2 semesters, 10 units): Physical Science explores the world around us. This course will study: Scientific investigation and process, matter/atoms/molecules, chemical periodicity, nuclear physics, energy, light and wave dynamics, electricity and magnetism, and forces. There is a strong emphasis in each chapter in mathematical calculations. Lab investigations will reinforce our class work.

Biology (2 semesters, 10 units): Biology explores the living systems. This class has a strong emphasis on hands-on work and lab investigations. First semester explores characteristics of living things, cell structure and function, photosynthesis, cellular respiration, DNA and cell reproduction, genetics, genetic engineering, microscopy, and protists. The second term is devoted to the human body, addiction, sexual reproduction, and an optional study of cadavers.

Chemistry (2 semesters, 10 units): The study of the composition, structure and properties of matter and the changes it undergoes. The study includes Organic chemistry, Inorganic chemistry, Analytical chemistry, Biochemistry and Theoretical chemistry. This course meets the University of California requirements for an upper division, laboratory based science course.

Physics (2 semesters, 10 units; Pre-requisite: Algebra II): The study of Mechanics, Thermodynamics, Vibrations, Wave phenomena, Optics, Electromagnetism, Relativity, and Quantum mechanics.

Department of Social Studies

World History 10 (2 semesters, 10 units): This course will examine the time period from the Renaissance to the present. We will be looking at the interactions of different groups of people and tracing recurring themes in history of civilization. These themes include, power and authority, religious and ethical systems, revolution, interaction with environment, economics, empire building, and science and technology. The majority of instruction will be based on primary sources. Students will learn to research, analyze and interpret documents, interviews, art, literature and maps to gain a deeper understanding of historical events and people. Furthermore, we will be following current events – after all, today’s events are tomorrow’s history! It’s important that students have access to Internet or print news sources to facilitate informed discussion in class.

US History 11 and US History 11 Honors (2 semesters, 10 units): This class will study the major turning points in American history in the twentieth century after a review of the nation’s beginnings. We will be thinking a lot about American identity and special attention will be given to the ways in which American ideals have been interpreted and applied throughout our history by various groups of people. ***In all aspects of this course, those students who are doing honors are expected to work to a higher level of excellence.***

Economics 12 (1 semester, 5 units): This class is designed to give students an understanding of the events and processes that shape our global, national and local economy. We will compare different economic systems and examine the relationship between consumers and producers at the micro and macro levels. The best part of this class however, is that you will be doing very practical activities designed to teach you how to handle your own finances in the big world. The goal here is to learn what it means to be a good steward – using wisdom in managing God’s provision in your life!

Civics 12 (1 semester, 5 units): This class is designed to give students an understanding of the foundations and functions of our government institutions with the purpose of preparing them to assume the responsibilities of citizenship. We will compare different systems of government, look at changing interpretations of the Constitution and the Bill of Rights, and analyze the roles of the executive, legislative and judiciary branches of the United States Government, both yesterday and today. Furthermore, students will examine the relationship between federal, state and local government as they discover ways in which to demonstrate Christian leadership at the local, national, and international levels.

Department of Foreign Language

Spanish I (2 semesters, 10 units): In order to become proficient in a foreign language, students must not only learn the vocabulary and structures of the language, but also apply what they have learned. Emphasis is on communication. The communicative functions, grammar, and vocabulary, are presented in culturally authentic situations that appeal to students.

Spanish II (2 semesters, 10 units): Spanish II is the continuation of Spanish I. Students will focus on developing proficiency in listening, speaking, reading, and writing in Spanish. Communication with vocabulary in everyday situations will be practiced, while also learning about and appreciating other cultures in Spanish-speaking countries.

Spanish III (2 semesters, 10 units): In order to become proficient in a foreign language, students must not only learn the vocabulary and structures of the language, but also apply what they have learned. Emphasis is on communication. The text includes letters, tips, cultural facts, Scripture, and stories from missionaries in Spanish-speaking countries. Lessons develop grammar concepts, vocabulary, and oral communication.

Spanish IV (2 semesters, 10 units): Expanded development of grammar, cultural understanding, conversation skills, writing, and reading through the study of literature. Students are expected to attain a strong *intermediate-high or advanced – low* proficiency level.

Department of Visual and Performing Arts

Art (2 semesters, 10 units): Fundamentals of drawing and painting will be taught that include: sketch-book techniques, value drawing, drawing shadow and shade in still life and outdoor sketching. A variety of materials will be used such as: graphite pencil, conte crayon, colored pencils, ink, ink wash, chalks, pastels, water color and acrylic painting. Students have the experience of working with clay modeling, sculpture, and throwing on the wheel. Master painters will be taught to encourage art appreciation.

Beginning Theater (2 semesters, 10 units): Theater Arts is designed to communicate more fully the different roles of actor, director, stage manager, make-up artist, stage designer and costumer. Students will learn a more in depth use of acting skills with a higher level of performance in class and out of class. The fine art of critique and evaluation will be taught and implemented.

Department of Christian Worldview

Current Issues 9 (2 semesters, 10 units): This course is designed to equip high school students to study the Bible as a means in forming their own personal Biblical Worldview. A variety of Bible study methods, scholarship methods for deeper study and use of research skills will assist students to explore the relevance of the Bible to daily life and larger issues. Students will also be given multiple opportunities to apply the Wesleyan Quadrilateral method to explore a variety of topics from a scholar's perspective. This course will also integrate topics being studied in other subject areas the student is currently studying in ninth grade. Dialogue with the instructor and Socratic Seminars will also be used as a means for students to interact with the material being taught.

Applied Christianity 10 (2 semesters, 10 units): This course is designed to cover contemporary social, political, and theological community issues from a Christian Worldview perspective. Students will be encouraged to articulate and apply their values to help solve current community issues (teen pregnancy, welfare, gangs, drugs, media/cultural indoctrination, etc.) In addition, students will read and discuss the content of, "The Purpose Driven Life," by Rick Warren, as a supplementary work backed by over one

thousand Scripture verses. This book will aid in the student coming to terms with their uniqueness in Christ Jesus and His purpose in their being. Students will also review Biblical spheres of authority (self, family, politics, church, free-will associations). Students will also study Christ as “Servant Lord.” Students will also apply Scripture to community involvement.

Apologetics 11 (2 semesters, 10 units): This course is designed to instruct and prepare students to examine and/or defend the theological and historical tenets of the Christian faith. They will understand the purpose of Apologetics: to glorify and magnify Christ, not to win an argument. It is not for proving the Word of God, but for providing a basis for faith. Students will learn the basis for the Canon of Scripture. They will learn how truth and logic apply to Christian faith, assisted by our text, “Evidence that Demands a Verdict,” by Josh McDowell. They will learn the history of logic as a means to faith. They will learn how to apply the principles of Scripture within the five spheres of Biblical authority (Individual, Family, Church, Political, Free-Will Assoc.). They will gain a basic understanding of inferential logic and inductive/deductive reasoning in studying Scripture. They will be able to apply Judeo-Christian values to ten disciplines of study (Biology, Economics, Ethics, History, Law, Philosophy, Politics, Psychology, Sociology and Theology.)

World Philosophies 12 (2 semesters, 10 units): This course is designed to instruct and prepare students to examine and contrast/compare the four major worldviews of Western Civilization: Secular Humanism, Marxist/Leninism, Cosmic Humanism and Biblical Christianity as they are reflected in twelve of the major religions in the world today. This course is designed to train students to recognize and confront the “worldview bias” around them from a biblical perspective, and learn to appreciate and understand where other points of view are coming from. The students are taught to respect other opinions and to find the basic truths based upon absolute values.

Electives

Yearbook (2 semesters, 10 units): Students will design and create a comprehensive K-12 yearbook publication. Students are involved in all aspects from conception to business, marketing and sales. Students will work with online publishing program and become familiar with Adobe Photoshop and work extensively with digital and film photography.

Computers (2 semesters, 10 units): High School Technology is designed to give students a basic knowledge of several computer applications that are useful in high school and college, as well as in the business world. The programs and concepts covered in this class give the students various tools to express themselves artistically through technology, as well as communicate information effectively. The programs Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Microsoft Publisher, and Google Sites will be covered. Students are also instructed in the basics of graphic design in order to produce work that is aesthetically pleasing, and effective in communicating an idea or message.

Department of Physical Education

Physical Education (2 semesters, 10 units): Students can expect that with the right attitude they will: Have fun, learn the basic skills of many sports, participate in a wide variety of sports and recreational

activities, learn many life skills that will encourage wise choices in life and develop lifelong habits for leading a healthy lifestyle that incorporates a love of sports and recreational activities.