

2019 – 2020 High School Course Catalog

Equipping students for daily living and eternal life.



Redwood Christian Schools Course Catalog
2019 – 2020

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MISSION STATEMENT

The mission of Redwood Christian Schools is to provide a Christ-centered education which is able to equip students for daily living and eternal life.

CORE VALUES

The objectives of the school are centered around five basic character builders:

- To Establish Christian Truth as a Guide for Life**
- To Maintain a High Academic Standard**
- To Instill Pure Morals in the Heart of the Student**
- To Generate a Spirit of Patriotism**
- To Live a Disciplined Life**

EXPECTED SCHOOL-WIDE LEARNING RESULTS (ESLR's)

RCS graduates will meet the required curriculum standards and be:

- Active Learners**
- Critical and Creative Thinkers**
- Effective Communicators**
- Responsible and Respectful Citizens**
- Spiritually Growing**

GRADUATE PROFILE

Graduates of Redwood Christian Schools are purpose-driven individuals who look beyond themselves to pursue a life and career that centers on the calling God has placed on them. Their character will be directed to live out RCS Core Values for which they can claim ownership, thoughtfully defend, and be true to our Creator in a world of competing moral and spiritual visions. RCS graduates have been taught through the lens of a Biblical worldview and shown an appreciation of high academic standards and spiritual formation that exceed what can be acquired at a secular educational institution.

Graduates will possess academic-content knowledge and skills that allow for expert writing, verbal, and thinking skills necessary for career and vocational success. Furthermore, they will be active learners who approach life-long learning thoughtfully. They will be responsible and respectful citizens who treat others as they, themselves, wish to be treated including demonstrating respect for authority and accepting personal, social, and civic responsibility. Graduates will be critical and creative thinkers who approach the world with intellectual curiosity and solve problems using a Biblical Worldview. They will be spiritually growing including the continuing development of spiritual gifts and the demonstration of God's love, will, and authority in their lives. Graduates will be effective communicators who are able to express themselves through various media, characterized by a clear sense of meaning, purpose, and audience. Finally, an RCS graduate will have the skills necessary for daily living and eternal life including the knowledge and motivation to be effective participants in spiritual, civic, charitable, and cultural roles in their communities.

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PURPOSE

The purpose of this guide is to provide a comprehensive listing of the required and elective courses offered. Students, with the assistance of parents, teachers, deans, and their guidance counselor, should choose a program of courses that will adequately prepare them to meet their future goals.

All students are required to complete basic course work that prepares them to enter college, technical/vocational schools, the military, or the workforce. Students with strong academic skills, a high interest in schoolwork, a willingness to take on demanding assignments, and who wish to apply to competitive college programs should choose a more challenging academic course load.

BIBLICAL WORLDVIEW

There is a common thread that weaves throughout all of RCS programs. RCS provides a Christ-centered education equipping students for daily living and eternal life. The faculty teach through the lens of Scripture so that students will have a transformed worldview. Daily instruction has, at its core, the gospel message of Jesus Christ. Students are taught all subjects with the principles of salvation, spiritual growth, Biblical theology, Scriptural content, books of the Bible, Biblical historiography, Christian worldview, and a continuity of mission mindedness that creates the common goals of promoting the glory of God and knowing Him personally. RCS uses the ACSI Bible curriculum for our elementary program that allows teachers to use the Biblical model to inform and infuse the instructional program.

REDWOOD CHRISTIAN HIGH SCHOOL FOUNDATIONAL PROGRAMS

In addition to the college preparatory curriculum standards, these foundational programs are used to support the academic program in order to guide students to mastery in writing and advanced reading comprehension, integrate a Biblical worldview throughout the curriculum, and ultimately equip students with 21st century learning skills that will enable their success at their next level after high school:

Aligned Bible Curriculum

In addition to an integrated Biblical worldview in course lessons, the Redwood Christian Elementary curriculum includes dedicated Bible instruction which is aligned TK through 5th grade.

SAT Math Program

Math teachers discuss mathematical vocabulary, work through SAT styled problems each day, and use Khan Academy as a resource when students are struggling. A test-taking strategy is also introduced and demonstrated to show students what to do when faced with certain types of question. A quiz at the end of the week is given on the problems reviewed in class that week.

SAT Vocabulary Program

The MSHS SAT Vocabulary program is designed to increase vocabulary mastery and word-choice usage for classroom content and standardized testing. The SAT Vocabulary program is designed so that grade-level vocabulary words are studied, taught, and assessed by all core curricular classes within the first five minutes of all academic classes with the exception of Math. Each grade level has a set of vocabulary words that are recursively taught and formatively checked throughout the week. At the end of each week, students are assessed on their understanding of the word list by each core subject instructor.

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STEM-style Labwork

RCS STEM-Styled labs explore a variety of approaches and activities to delve into the laboratory process and scientific method. Teachers use inquiry-based teaching methodologies where students actively seek answers in pursuit of scientific understanding found throughout the Science Department in grades 9-12.

Jane Schaffer Writing System

This is a writing system that begins in early elementary with basic sentences structure. By upper elementary, students are writing multiple paragraphs. The program includes a structured, logical, and systematic way of writing.

Writing Assessment Program (WrAP)

WrAP is a test that directly measures student writing achievement and serves as a tool to help classroom teachers pinpoint specific strengths and weaknesses of their students' written expression. Students in grades 3-12 are tested to help examine student writing and compare the results to similar schools. The WrAP test is scored both holistically and analytically, to provide more detailed feedback with reports that leverage technology to add meaning to results.

Academic Assistance Program

This is a Redwood Christian Schools program designed to assist students in grades 6 – 12 with specific learning disabilities and other challenges that prevent them from being successful in our standard program.

Advanced Placement Classes

AP courses are rigorous, college-level classes in a variety of subjects that give students an opportunity to gain the skills and experience colleges recognize. AP Calculus, AP Language and Composition, AP Literature, AP Macroeconomics, AP Microeconomics, AP U.S. History, and AP World History.

Electives

Students in grades 9-12 have the choice of elective classes (as described below).

GRADUATION REQUIREMENTS

Subject Requirements

Units	40	Bible I, II, III, IV
	40	English I, II, III, IV
	20	Physical Education
	20	Math
	30	Social Studies (World History, U.S. History, U.S. Government, Economics)
	20	Science (Biology is required)
	5	Understanding the Times
	5	Speech
	60	Electives
	240	Total Units for graduation

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SCHOLASTIC REQUIREMENTS

In addition to the above subject requirements, students must earn 240 credits and earn a minimum GPA of 2.0. Any student earning less than a cumulative GPA of 2.0 will receive a Certificate of Completion instead of a diploma (if all subject requirements have been met). Students earning a semester GPA less than needed for graduation will be placed on academic probation. One must earn a GPA of at least 2.0 to be taken off the probation list. Students who are on both academic and behavior probation will be dropped from Redwood within a semester if they remain on probation.

The required core courses:

<u>9th Grade</u> ¹	<u>10th Grade</u>	<u>11th Grade</u> ²	<u>12th Grade</u>
Bible I	Bible II	Bible III	Bible IV
English I	English II (or AP)	English III (or Honors)	English IV (or AP)
Math	Math	U.S. History (or AP)	U.S. Government (1 semester)
World History	Biology (or Honors)	4 Electives	Economics (1 semester) (or AP)
P.E.	P.E.		Understanding the Times (1 semester)
2 Electives	2 Electives		Speech (1 semester)
			3 Electives

Important Notes:

- Online classes must be approved by the Principal before the class is started in order for it to be placed on the RCS transcript.
- No more than 30 semester units of summer school and/or correspondence courses may be used toward the 240 units required.
- No more than 10 units of adult school or Teacher’s Aide may be used to satisfy the 240 units required.
- No academic credit is given for Study Hall.

GRADING SCALE

A+	-	97-100%	C+	-	77-79%
A	-	93-96%	C	-	73-76%
A-	-	90-92%	C-	-	70-72%
B+	-	87-89%	D+	-	67-69%
B	-	83-86%	D	-	63-66%
B-	-	80-82%	D-	-	60-62%
			F	-	0-59%

¹ It is recommended that college-bound students begin foreign language in 9th grade.

² There are 4 electives in 11th grade because the PE requirement should have been completed in 9th and 10th grade. Students should take a third year of language and math, a second year of science, and other courses they have not yet been able to take. If the visual or performing art requirement for college has not been met, it should be taken care of now. Bible III may be replaced with *Christian Ministry*.

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PATHWAYS AND COURSE SEQUENCES

	Subject	Academic	College Prep	Advanced
9	English	English	English	English
	Mathematics	Algebra 1	Geometry	Geometry or Algebra 2/Trig
	History	World History	World History	AP World History
	PE	PE	PE	PE
	Bible	Bible	Bible	Bible
Other	Elective – 2	Spanish I/Mandarin I	Spanish I/Mandarin I	
	Total Credits	60	60	60
10	English	English	English	AP Language
	Mathematics	Geometry	Algebra 2 or Algebra 2/Trig	Algebra 2/Trig or Advanced Math
	Science	Biology	Biology or Honors Biology	Honors Biology
	PE	PE	PE	PE
	Bible	Bible	Bible	Bible
Other	Elective – 2	Span II/Mandarin II	Span/ Mandarin II	
	Total Credits	60	60	60
11	English	English	English or Honors English	Honors English
	Mathematics	Algebra 2	Algebra 2/Trig or Advanced Math	Advanced Math or Calculus AB
	Science	Physical Science	Chemistry	Honors Chemistry
	History	US History	US History	AP US History
	Bible	Bible	Bible	Bible
Other	Elective – 2	Span III/Mandarin III	Span III/Mandarin III	
	Total Credits	60	60	60
12	English	English	English or AP Literature	AP Literature
	Mathematics		Advanced Math or Statistics	Calculus AB
	Science			Physics
	History	Government/Speech	Government/Speech	Government/Speech
		Economics/U.T.T.	Economics or AP Economics/U.T.T	AP Economics/ U.T.T
Bible	Bible.	Bible	Bible	
Other	Elective – 3	Elective – 2	Spanish IV	
	Total Credits	60	60	60

Electives

Art 1	Band Exploration	Drama 2	Spanish 3
Art 2	Concert Band	Mandarin 1	Spanish 4
Art 3	Chapel Leadership	Mandarin 2	Spirit Ministry
Art 4	Chemistry	Physics	Statistics
Audio/Visual	Concert Choir	Spanish 1	Study Hall
Algebra 2	Christian Ministry	Spanish 2	Yearbook
Algebra 2/Trig	Drama 1		

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COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS PROGRAM

40 units of English are required for graduation.

English Language Arts are the process and the product of effective communication. God is the creator of this; therefore, spiritual growth takes place when we actively learn to conform our minds to mastering these arts. How can we demonstrate spiritual growth and mastery in these arts? This is achieved by critically and creatively crafting our ideas and by responsibly and respectfully expressing these ideas. Central to the study of the language arts is the study of ideas that active learners are encouraged to explore. Teaching students to think and express themselves in an orderly manner is the goal of language arts instruction. This involves teaching students that God has clearly revealed Himself in His creation and in the Incarnation, in His actions and through written and oral communication. These events have been recorded in written form with the purpose of revealing God. It is to this Person and His ideas that our minds must conform. It is to these ideas that all other ideas must be compared. As students are exposed to a variety of literature in grades TK-12, they will be challenged to compare man's expressions to God's expressed view. By filtering literary ideas through the grid of a Biblical worldview, students are given the opportunity to grow in spiritual maturity as they grow in academic skill.

English 9

English 9 students will develop the skills necessary to speak clearly, write effectively, and read accurately. Students will be able to identify the basic elements of a short story, demonstrate understanding of morality in stories, understand and represent someone else's ideas accurately and clearly through the art of speaking, write a thesis-oriented and research-driven research paper in MLA format, read for understanding plays, short stories, novels, and analyze different styles of poetry.

Prerequisite for this course: None

This English 9 course is required for all 9th grade students.

English 10

English 10 is designed to increase fluency in reading and writing. Students will analyze academic vs. conversational English and discern the appropriateness of each. Students will be challenged to discuss and discern issues of morality and explore the foundations of literature. Furthermore, student will be exposed to several genres including the short story, essay, biography, poetry, drama, legend, and the novel.

Prerequisite for this course: None

This English 10 course is required for 10th grade students.

AP Language

AP Language is designed to increase fluency in reading and writing. Students will analyze rhetoric vs. truth and discern the usage of each. Students will study the influence of mythology on modern culture. Furthermore, student will be exposed to several genres including the short

story, essay, biography, poetry, drama, legend, and the novel. This course will emphasize style analysis, analytical writing and critical thinking. Composition skills will be refined as students develop an awareness of style and rhetoric. Students are expected to have mastered basic oral and written communication skills so that they can focus on extended reading assignments, research, and group presentations. College preparatory vocabulary and American Literature will be studied. This course is considered preparation for the AP English Language and Composition exam to be taken in May. Advanced Placement (AP) classes are college-level classes.

Prerequisite for this course: None

This AP Language course is an advanced elective course option for 10th grade students.

English 11

Students in English 11 will identify connections between literature and the changes within society such as how literature reflects time and place. Students will examine poetry, essays, novels, speeches, and plays throughout American literature history and identify major literary eras in American history as well as important American authors and poets.

Prerequisite for this course: None

This English 11 course is required for all 11th grade students.

Honors English

Students in Honors English will identify connections between literature and the changes within society such as how literature reflects time and place in depth. Students will examine poetry, essays, novels, speeches, and plays throughout American literature history and identify major literary eras in American history as well as important American authors and poets. Further advanced learning outcomes include instructive presentations of chapter books, mastery in the skills of communication (reading, writing, and speaking), and student ownership in the class and in their success.

Prerequisite for this course: None

This Honors English class is an advanced elective course option for 10th grade students.

English 12

For the 12th grade student, the main goal of this course reflects the skill of communication through the writer's or speaker's point of view and ultimately their worldview as it compares with God's truth. Students will show active learning as they assess, from various sources, the overview and development of literature and thought of England and Europe. This course gives students the chance to be critical and creative thinkers as they analyze the different worldviews presented from the hero concept to the regular man. Being effective communicators is created through research with the use of appropriate technology, various speeches and/or presentations throughout the year and even within the type of college-oriented writing assignments given within each unit.

Prerequisite for this course: None

This English 12 class is required for 12th grade students

AP Literature

In Advanced Placement English Literature, students will learn to analyze an author's purpose, point of view, writing style, and literary era including the author's point of view in both fictional and non-fictional selections, and furthermore, the author's worldview. Students will identify the attributes of the epic, tragic, medieval, and modern heroes, and through this ability, be able to identify ways in which man's nature and consequences of choices are foundational parts of literary works. Further, they will see how Christ also meets the code without the fatal flaw. Students will hone skills in analysis, using the terminology appropriate to the short story and novel, and use analytical tools to arrive at a thematic statement for a narrative by a thorough exploration of its conflict. For poetic literature, students will practice and apply the necessary terminology to poetic selections and interpret the poet's purpose as can best be determined. In order to communicate their understanding effectively in a written modality, students will write both process papers and timed essays as practice in studied analysis of content and quick organization of argumentation. Students will understand the creative process necessary in epic and medieval writings, and they will develop supporting evidence for a textual, analytical paper on a poetic selection. Advanced Placement (AP) classes are college-level classes.

Prerequisite for this course: None

This AP Literature class is an advanced elective course option for 12th grade students.

MATHEMATICS PROGRAM

20 units of Mathematics are required for graduation.

Mathematics curriculum reveals God's structure and design whether studied in a simple or complex form. Creation, itself, reflects the purpose and design of the creator God. The orderliness, precision, and accuracy in math reflects the same which are seen over and over in the universe point one towards the immutable reality of His existence and His character. Man has been created with the capacity to think, to observe and to explore reality, and therefore it enables us, with all confidence, to look at and formulate relationships and consequences that explain and predict, as in the area of mathematics. Students need to be thoroughly skilled in mathematics so that they are not hindered from acquiring further knowledge in subsequent and related areas.

Algebra 1

In Algebra 1, students will study how to solve for an unknown and be introduced to functions, with an emphasis on linear and quadratic functions. Students will learn how to solve for a variable by undoing the basic math operation with the opposite operation. Functions will be studied in multiple ways such as verbal descriptions, equations, and tables. Technology skills to build spreadsheets of functions and graph charts, linear functions, and parabolas will be developed. Students will be able to use variable and appropriate operations to write expressions, equations, and inequalities. Students will be able to understand that a function is a rule that assigns to each input exactly one output. They will be able to articulate a function is a set of ordered pairs. Finally, students will be able to solve real-world scenarios using algebraic concepts.

Prerequisite for this course: Pre-Algebra

Algebra is required for all high school students.

Geometry

Geometry includes the study of points, lines, planes, angles, polygons, circles, solids, loci of points, and co-ordinate geometry. Students will be able to test a conjecture while supporting their reasoning with evidence or a counterexample. They will learn about the relationship between angles and lines and investigate the ratios formed by right triangles. Students will use ratios, proportions, and geometric means to solve similar polygons (SSS, SAS, ASA, AAS, HL) and they will use technology to build spreadsheets of formulas for area and volume of shapes and solids will be utilized. Students will be able to use formal and informal proofs to describe patterns, make logical arguments, and apply theorems. Students will use the Pythagorean Theorem to find the length of a third side in a right triangle. In addition, students will be able to relate the trigonometric ratios (Sine, Cosine, and Tangent) to find side lengths and angle measurements of any triangle. Finally, they will be able to articulate the difference of area in two-dimensional shapes and volume in three-dimensional shapes.

Prerequisite for the course: the completion of Algebra 1 with a grade of “C” or higher. Geometry is required for all high school students.

Algebra 2

Algebra 2 is an extension of Algebra 1 in which all major concepts are re-evaluated and then expanded to include more thorough applications. Students will understand additional topics to include: functions and relations, polynomials, rational and irrational numbers, exponential functions and logs, and the complex number system. Cooperative learning will be developed around the core components of cooperative learning-positive interdependence, group processing, and appropriate use of social skills, face-to-face interaction, and individual and group accountability. Students who have successfully completed this course will be adept at using a system of rules and order to solve problems and analyze the world around them.

Prerequisite for this course: The completion of Algebra 1 and Geometry with a grade of “C” or higher.

This Algebra 2 course is recommended elective option for 10th and 11th grade students.

Algebra 2/Trigonometry

In Algebra 2/Trigonometry students will study both advanced Algebra 2 concepts and Trigonometry. Students will also understand how functions are used to represent/simulate the world we live in. In addition to Algebra 2 concepts, students will learn topics of Trigonometry to include: trig functions, acute angles and right triangles, radian measure and circular functions, graphs of the circular functions, trig identities, inverse circular functions, and trig equations. Facility with these functions as well as the ability to prove basic identities regarding them is especially important for students intending to study Calculus, Advanced Mathematics, Physics and other Engineering-based sciences.

Prerequisite for this course: The completion of Algebra 1, as well as the completion of Geometry with a grade of “B” or higher and Algebra 2 with a grade of “C” or higher.

This Algebra 2/Trigonometry course is a recommended elective option for 10th and 11th grade students.

Advanced Math

Advanced Math students will further learn about parent functions to understand the effects on the period and amplitude with both vertical and horizontal shrinking and stretching. Students will manage the unit circle to find reference angles, trigonometric identities and addition formulas. They will use technology to build graphs of these translations and solve for the algebraic answer. Finally, students will be able to articulate the unknowns of angles and side lengths because of their understanding of relationships within the unit circle. They will be able to further apply these formulas and identities in a coordinate plane with navigation.

Prerequisite for this course: The completion of Algebra 2/Trigonometry with a grade of “B-” or higher.

This course is a recommended elective option for 11th and 12th grade students.

AP Calculus A & B

In AP Calculus, students will be shown how to determine the exact solution to a system of linear equations, as well as define and model quadratic functions. They will learn about parent functions to understand the effects on the period and amplitude with both vertical and horizontal shrinking and stretching. Students will manage the unit circle to find reference angles, trigonometric identities and addition formulas. They will use technology to build graphs of these translations and solve for the algebraic answer. Students will be able to use a quadratic model to maximize the area of an enclosure. They will have visual pictures to understand the movement of functions and be able to describe the change. As well, students will be able to articulate the unknowns of angles and side lengths because of their understanding of relationships within the unit circle. They will be able to further apply these formulas and identities in a coordinate plane with navigation. Most importantly, as students are introduced to the order, precision and accuracy found in math, they can trust Christian truth as a reliable and consistent guide for life. Advanced Placement (AP) classes are college-level classes.

Prerequisite for this course: The completion of Advanced Math with a grade of “A-” or higher.

This AP Calculus course is an advanced elective option for 11th and 12th grade students.

Statistics

Statistics is the study of how to collect, organize, analyze, and interpret numerical information from data, and is everywhere in the world today. Students will work with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will further investigate four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference. Students will understand additional topics such as data analysis, correlation, and regression; sampling and experimental design, basic probability (random variables, expected values, normal and binomial distributions); hypothesis testing and confidence intervals for means, proportions, and regression parameters; and the use of spreadsheet software. Students who have successfully completed this course will be prepared to conduct research, analyze data, present data in a meaningful way, and make truth-based conclusions about the world around them.

Prerequisite for this course: The completion of Algebra 2 (or a more advanced math course) with a grade of “B” or higher.

This elective course is recommended for all 12th grade students.

SOCIAL SCIENCE PROGRAM

40 units of Social Studies are required for graduation.

Social Science curriculum encompasses the study of systems used to organize people to live together and function as a large group. Governments are established by God. Recorded history reveals God's sovereignty, justice, and mercy in dealings with individuals and nations. To understand these ideas, Social Science students at Redwood Christian are developing cohesive ideals to critically think through the integration of faith, politics and society. The skills learned in Social Science become tools for "building bridges" across cultural and political barriers. Furthermore, students will understand the importance of effective communication to discuss Social Science issues orally and in writing. They are encouraged to pray for our government and its leaders, to maintain personal integrity, and to support our country through the paying of taxes and political participation.

World History

Ninth grade World History focuses on the time frame from the eighteenth-century to the present. Students will learn about the rise of nationalism, the development of the industrial revolution, and 20th century success and failures while acquiring a variety of skills such as improved reading comprehension and research-based writing. The students will be taught the benefits of living a disciplined life with pure morals as they study the trials and tribulations of people and nations throughout modern world history.

Prerequisite for this course: None

This World History course is required for all 9th grade students.

AP World History

AP World History focuses on the time frame from the creation of man to the present. Students will learn about the various empires, the rise of world religions, global trade and social change in the modern era while acquiring a variety of skills such as improved reading comprehension and research-based writing. The students will be taught the benefits of living a disciplined life with pure morals as they study the trials and tribulations of people and nations throughout world history. Advanced Placement (AP) classes are college-level classes.

Prerequisite for this course: None

This AP World History course is an advanced elective option for 9th grade students.

U.S. History

In this 11th grade United States History course, students will focus on the foundations of democracy that our country was founded on, roles the United States has played in the world over time, and the advances that have changed American culture. Students will also study the trials and tribulations our country has withstood to get to where it is today. The information gained will help students make more informed (or better) decisions as a citizen of the United States.

Prerequisite for this course: None

This United States History course is required for all 11th grade students.

AP U.S. History

In AP United States History, students will develop skills to understand God's sovereignty in American History. Students will investigate seven recurring themes in American History: American Identity, Work Exchange and Technology, Peopling, Politics in Power, America in the World, Environment and Geography, and Ideas, Belief, and Culture. In doing this, students will learn strategies that facilitate understanding. Furthermore, students will demonstrate knowledge by writing comprehensive, thesis-driven essays. Advanced Placement (AP) classes are college level classes.

Prerequisite for this course: None

This AP U.S. History course is an advanced elective option for 11th grade students.

U.S. Government

U.S. Government studies the foundational ideas that were the beginnings of America, including the founding fathers' worldviews when they formed the Declaration of Independence and the Constitution. Students will learn how the U.S. Government works within the three branches and how they interact together. Students will analyze and evaluate seminal U.S. texts such as the Declaration of Independence, Constitution, Federalist Papers, etc., and identify the premises, purpose, and arguments of each. Furthermore, students will learn about citizenship, including interacting amongst cultural and political barriers.

Prerequisite for this course: None

This U.S. Government course is required for all 12th grade students.

Economics

In this 12th grade Economics course, students will investigate macro and micro Economic principles like Supply and Demand, Scarcity, Economic Equilibrium, and Resource management. Students will participate in varied projects throughout the year to demonstrate their knowledge of relating their own lives to larger economic principles.

Prerequisite for this course: None

This Economics course is an elective option for 12th grade students.

AP Macro & Micro Economics

AP Economics is a college-level course in which students learn the principles of microeconomics to apply to the functions of individual decision making of both consumers and producers within the larger economic system. In addition, students will analyze and evaluate the macroeconomic principles such as national income and price determination that apply to an economic system as a whole. Students will learn about how government influences the economy, GDP, various types of monopolies, and the monetary system. Advanced Placement (AP) classes are college-level classes.

Prerequisite for this course: The completion of U.S. History, or AP U.S. History.

This AP Macro and AP Micro Economics course is an advanced elective option for 12th grade students.

SCIENCE PROGRAM

20 units of Science are required for graduation.

Science curriculum is based on the truth that God is the Creator and Sustainer of the world in which we live. Because God is central and has made Himself known through revelation, education must create an awareness of God's manifestations. We believe that education is learning to see things as God sees them and to think God's thoughts after Him. The physical world consists of matter and energy. Both of these quantities behave or follow physical and biological laws established by God during the Creation process. These laws (of physics, chemistry, biology and mathematics) have been "discovered" by men and women as they have observed patterns and order in the world. As we discover more laws that sustain Creation, we can also understand and rejoice in the wisdom, power, providence and sovereignty of our Holy God.

Biology

In Biology, students will study the foundations of the scientific process, cellular anatomy, cell processes and metabolisms, genetics, the origins of life, zoology, the wonders of the human body, and bioethics. Students will also know that, as a result of the coordinated structures and functions of organ systems, the internal environment of the human body remains relatively stable (homeostatic) despite changes in the outside environment. Biology students will learn how prokaryotic cells, eukaryotic cells (including those from plants and animals), and viruses differ in complexity and general structure as well. By the end of the course, students will be able to debate specific claims in a text.

Prerequisite for this course: None.

This Biology course is required for all 10th grade students.

Honors Biology

In Honors Biology, students will evaluate the foundations of the scientific process, cellular anatomy, cell processes and metabolisms, genetics, the origins of life, zoology, the wonders of the human body, and bioethics. They will also be able to explain in depth that, as a result of the coordinated structures and functions of organ systems, the internal environment of the human body remains relatively stable (homeostatic) despite changes in the outside environment. Biology students will display in advanced methods how prokaryotic cells, eukaryotic cells (including those from plants and animals), and viruses differ in complexity and general structure as well. By the end of the course, students will be able to delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is valid and the evidence is relevant and sufficient, identifying false statements and fallacious reasoning.

Prerequisite for this course: None.

This Honors Biology course is an advanced elective option for 10th grade students.

Physical Science

The purpose of this Physical Science course is to introduce students to the world of various sciences such as Chemistry, Physics, Astronomy, and other scientific disciplines. This course will develop Active Learners who will approach the study of science through the biography of scientists and their major contribution to scientific thought. Students will be challenged to

become active thinkers and to grow spiritually as they learn more about God's creation. Students will also consider intake responsibility as they become the next generation of consumers of energy and other natural resources.

Prerequisite for this course: None

This Physical Science course is an elective for 11th grade students.

Chemistry

This Chemistry course is designed as a study of material substances. Although individual atoms are too small to see and count, indirect study is accomplished through experimentation and evaluation of results. The chemistry course is designed to develop understanding of what matter is made of, how people discovered it, and what scientists do with the information they have discovered. Study of laboratory techniques and hands-on experience accompany the written course work to add depth of understanding. Throughout the course, students are challenged to think about how God created the world by establishing the laws of material substance. God's faithfulness is shown in the constancy of physical laws even at the smallest known size. His glory is demonstrated in the unimaginable complexity of atoms.

Prerequisite for this course: Biology and Algebra 2.

This Chemistry course is required for 11th grade students who need two lab sciences to graduate.

Honors Chemistry

This course provides an intensive study in the major concepts of chemistry and is designed for those students interested in pursuing an advanced study of chemistry in the future on the college level. Mathematical skills in calculations will be emphasized as well as laboratory experimentation to coincide with the lecture portion of the class. Topics will include atomic theory, the nature of matter, chemical periodicity, the mole concept, and characteristics of chemical reactions such as acid-base behavior, oxidation and reduction reactions, and chemical bonding.

Prerequisite for this course: Biology and Algebra 2/Trigonometry.

This Honors Chemistry course is an advanced elective option for 11th grade students.

Physics

This Physics course will introduce the student to the fundamental concepts and unifying principles of physics. Students will study mechanics, kinetic theory, heat, sound, light, magnetism, and electricity. Upon successful completion of the course, students will be able to accurately collect and report data related to all science areas, understand how to work in lab groups and individually, stay organized, and pass a Physics benchmark exam.

Prerequisite for this course: Biology and Algebra 2/Trigonometry.

This Physics course is an elective option for 12th grade students.

BIBLE PROGRAM

40 units of Bible are required for graduation.

Bible curriculum begins with a recognition that the Sovereign God of this universe desires that none perish but have eternal life (John 3:16). In order to be truly educated students must know God (Proverbs 1:7a). The net result of man's efforts falls short of the glory of God, but thanks be to God for His unfathomable gift of eternal life through Jesus Christ (Romans 6:23). Once students become new creations in Christ, the Bible must be their sole authority for faith and practice (2 Timothy 3:16-17). While the Bible is the primary source of Biblical instruction at all grade levels, by systematically studying the Bible itself and practicing the disciplines of prayer, Bible reading, meditation, and memorization of Scriptures, students will be built up in the faith. Students should be able to defend their faith against humanism and other religions and sects by taking every thought captive to make it obedient to Christ (2 Corinthians 10:5).

We recognize that the home and church have a vital role in a student's Biblical training and spiritual growth. To avoid conflict the school does not take a position on certain doctrinal and denominational issues.

Bible 9

This course is designed to enable students to “correctly handle the Word of truth,” experience authentic Christianity through first-hand acquaintance with the word of God, and become agents of transformation in the world around them. Students will be equipped for a lifetime of Bible study as they learn guidelines for studying the Bible to include: 1) the three basic steps of the inductive Bible study method, 2) comprehensive reading strategies, and 3) an attitude of approaching the Bible with personal passion, commitment, engagement, and submission. Students will discover core values that will guide and form the development of their character through biographical studies of Biblical and contemporary leaders.

Prerequisite for this course: None.

This Bible 9 course is required for all 9th grade students.

Bible 10

The first semester of this Bible 10 course will be a survey of the Old Testament's major characters' encounters with God. We will see how these men and women interacted with His plan for them and how they made decisions that affected themselves and those around them. The second semester will be a study of the book of Acts, with a particular emphasis upon the reason for Luke writing a sequel to his Gospel and the life and letters of the Apostle Paul. We will endeavor to understand this narrative of the life of the early church within its own first century setting and in relationship with the New Testament as a whole. Students will discover what was behind the growth of the church and see the implications of Acts to us, as 21st century Christians. Students will be using their iPads to do research and interact with online Biblical maps learning various locations throughout Palestine and the Mediterranean World of the First Century.

Prerequisite for this course: None.

This Bible 10 course is required for all 10th grade students.

Bible 11

Bible 11 is a year-long course emphasizing Decision Making and is designed to equip students with decision-making skills that will facilitate their ability to live spiritually and vocationally productive lives. The course includes studies of Garry Friesen's book, *Decision Making and the Will of God*, biographies, career research, preparing to enter the job market, and a Career Project. Students will develop a perspective of career stewardship, discover their talents, review Biblical perspectives for decision making, create a Career Stewardship profile and outline a post-high school plan of action

Prerequisite for this course: None.

This Bible 11 course is required for all 11th grade students.

Bible 12

This Bible 12 "Apologetics & Ethics" is a one-semester course that will review and emphasize a basic understanding of the essential Gospel message as well as examine arguments for and against the existence of God. Students will be challenged in the completion of their own "Doubt Project," in which they will research, wrestle with, and respond to a personal doubt of the Christian faith. Throughout the course, students will engage and discuss current ethical issues and discover how to develop a Biblical response to these issues. Students will also have the opportunity to pursue answers to their personal questions/concerns about the Christian faith as they prepare for life after high school.

Prerequisite for this course: None.

This Bible 12 course is required for all 12th grade students.

Understanding the Times

This 12th grade Understanding the Times course is designed for students to understand how to know if what I think I know is actually true. Students will investigate the ideas that construct their worldviews. Furthermore, everyone's worldview helps them interpret the reality happening around them. Christianity has an explanation for reality, but so does Islam, Secularism, Marxism, New Spirituality, and Postmodernism. Each of these worldviews is founded upon a pattern of aligned and interconnected ideas. Students will be taught to understand their differences and engage the various philosophies from a Christian perspective. Students will learn that because all humans are sinners, the worldviews developed apart from God are false. However, with the Christian worldview, students will see God's perspective on the challenges we face and how best to deal with them.

Prerequisite for this course: None.

This Understanding the Times course is required for all 12th grade students.

Christian Ministry

Christian Ministry is designed to introduce students to the fundamentals of fulfilling the Great Commission (Matthew 28:18) and provide opportunities to be spiritually growing as they become involved in ministry. Students will be given the opportunity to participate as a member of a short-term mission's project and lead a chapel service at the elementary, middle school, and high school levels. Students will learn the Biblical, historical, cultural and strategical aspects of ministry using a variety of resources. Students will study the history of Biblical manuscripts and how to interpret passages of Scripture. Students will be trained in many aspects of ministry,

with an emphasis placed upon sharing the gospel, both at home and abroad. They will learn how to be effective communicators as they share their faith in the 21st century.

Prerequisite for this course: Application and interview by teacher.

This Christian Ministry course is an elective option for 11th and 12th grade students.

Chapel Leadership

This High School Chapel Leadership course starts with the premise that all students have the capacity to become authentic Christian leaders and rise to the challenges the emerging generation will face. Students in Chapel Leadership will develop critical leadership skills to promote campus spiritual unity, organize and lead chapels, work with small-group Bible studies and break-out sessions, and become student ambassadors for their classmates.

Prerequisite for this course: None.

This Chapel Leadership course is an elective option for all students. Student interviews and an application process may also be required.

PHYSICAL EDUCATION

20 units of Physical Education are required for graduation.

The Physical Education program uses Biblical perspectives of physical education. An emphasis is placed on caring for physical bodies in order to be of better service to God (1 Corinthians 6:19-20). While participating in fitness activities and athletic competitions, emphasis is placed on participating in a manner that reflects Christ-like character (1 Corinthians 9:24-27).

High School PE

High School PE is designed to provide students with the opportunities to learn sport-specific skills while involved with a variety of team, dual, and individual sports. Student will practice new skills and participate in tournament play and fitness activities. Through tournament games students will become responsible and respectful citizens as they learn how to cooperate and work together on teams. Students will be challenged to consider and participate in various strategies and game situations. The class provides many opportunities for students to learn to take care of their bodies (as God's temple), and as they learn to respond to each other with God honoring words and actions in the heat of competition. Physical, social, emotional, mental, and spiritual health characteristics are emphasized throughout instruction.

ELECTIVES

60 units of Electives are required for graduation.

Redwood Christian High School students have the opportunity to add specific elective courses to their schedules that suit their interests. The elective curriculum at RCS reveals the beauty in God's creation and the Christian's responsibility to both enjoy and participate in exploring the world around us. Language, Linguistics, Art, Music, and performance-driven worship all

allow for the expression of students' talents to glorify God. Man has been created with the capacity to explore reality, and delve into the beauty of the world around us to share and demonstrate the power and majesty of God through the Arts.

Art I, II, III, IV

The Visual Arts program is designed as a sequential, experiential journey through the world of line, matter, color, proportion, form and function, texture, and spatial relationships. Students are encouraged to experiment as they increasingly learn technique in the use of graphite pencil, colored pencil, drawing, watercolor painting, calligraphy, and printmaking to create subject matter such as still life, imaginary renderings, animal life, human figure, and portraits. Three-dimension projects involve the making of hand-built functional and non-functional sculptures. The students develop skills that will help them analyze their own works of art through the knowledge that is gained during classroom critiques and other activities, including participation in local art contests. As students progress to each level of Art class, the curriculum becomes less teacher-led and more student-led based on the talents and interests of the individual.

Audio/Visual

The Audio/Visual (AV) elective is an in-depth look at the art and science of audio engineering. The goal of the class is to develop the skills necessary to run audio for a variety of productions from drama to worship. By the end of this class students should be able to design, build and run a sound system. Audio engineering is a ministry opportunity in almost every church. Students are encouraged to use their new found skills to bless their local church community. Students will participate in the AV needs for: Chapels, Drama performances, RCS Explore night, Choir and Band performances, Graduations, and Award ceremonies.

Band Exploration

Band Exploration is an introductory band course designed to offer students avenues of exploration of different types of bands, music, instruments, and music genres. Students will be able to explore making music on various instruments, as well as performing, creating, and making music on the iPad. Students will explore various percussion groups and performances from the "trash can" percussion ensemble, to the "winter drumline" ensemble, to the marching band percussion section, to the Color Guard with its use of flags, rifles, swords, shields, and banner.

Concert Band

High School Concert Band is a performance-oriented group of active learners who present concerts throughout the academic year in a wide variety of settings including school campuses, churches, local and state band festivals, community concerts, as well as off-campus community service performances, festivals, and other venues. In order to prepare for these performances, students will cultivate higher thinking skills and creativity while learning and using proper instrumental techniques, proper breathing, correct musical interpretation, music theory, music history, and stage deportment. Students will be exposed to various styles and periods of music.

Concert Choir

High School Concert Choir is a performance-oriented group who present concerts on the school campuses, church, and community concerts, as well as, some off-campus festivals or venues. In order to prepare for these concerts, the student will cultivate higher thinking skills, as well as, creativity, while learning and using proper vocal techniques, proper breathing, correct musical interpretation, music theory, music history, and stage deportment. Furthermore, students will be exposed to lyrics of various styles of choral music.

Drama I, II

Studies will focus on the fundamentals of drama, ranging from basic dramatic knowledge and skills to the role of the theater in society. Drama is a unique method to reach the world for Christ. Therefore, students will be challenged on a regular basis to use their gifts to share the truth of the gospel. Students will take an active role in developing their craft through rehearsal with the director, performances for a live audience both inside and outside the classroom, and evaluations of those performances. This may include participation as an actor or actress and serving on a tech crew (sets, props, costumes, makeup, sound, lights, marketing). Students will be taught to think critically about the scripts they encounter and evaluate the content through a Biblical worldview. Furthermore, students will learn how to be respectful audience members and responsible cast members.

Mandarin I, II

The purpose of this course is for students by learn the basic vocabulary used in everyday conversation. They will build upon vocabulary development by discussing course topics such as interactions in school, daily routines, special occasions, and talking about likes and dislikes. Students will explain how Chinese traditions have influenced the Chinese culture and most all of Asia. Students will use a variety of learning strategies such as audio input, visual input, graphic organizers, think pair share, discussion, role playing, and Chinese writing.

Spanish I, II, III, IV

Students will engage in conversation, exchange ideas, or negotiate meaning with another person in Spanish. Students will discuss course topics such as; fashion trends and fads, environmental issues affecting the world, 21st century advances and challenges, and how life will be in the future. They will identify pastimes in Spanish-speaking countries and how they are similar or different from those in America. Students will learn what it is like growing up in a Spanish-speaking country and explain how Spanish traditions have influenced the English-speaking world. They will investigate foreign policy and the work of charitable organizations. In addition, they will touch on the equality of opportunity, ethnic and gender diversity and styles of communication.

Teacher's Aide

Teacher's aides help teachers in all department to help in organization and preparation of day-to-day classes. This course is designed to provide students with opportunities to grow as people and to learn to work with people. Research has shown that students who are involved at their school do well academically as their motivation and time-management skills improve. Tasks may include organizing and preparing materials, helping during group work, performing clerical duties, and running on-campus errands.

Spirit Ministry

Spirit Ministry is a class that encourages spirit within the campus culture. Research shows that high school students with “school spirit” perform better academically and are more engaged in social and civic matters. Examples of tasks include planning activities, learning time management, poster-making, and supporting campus-wide events.

Yearbook

Teacher approval is required for this year long course. Students are responsible for the design and publication of the High School Yearbook. Students should have a background or interest in at least one of the following areas: photography, desktop publishing, art, design, or written language. Those enrolled must research the need and the market for this product. They must design a new or improved product that meets the need and review the success of this product. Students must produce quality work, work together in groups, and they must be able to handle deadline pressure. Additional time outside the classroom will be required.

CHOOSING WISELY

As you decide which courses to take, you should plan carefully and wisely. Here is our advice based on past experience.

1. **Think carefully about your gifts, strengths, weaknesses, needs, and your long-term goals.** You are planning for your future. Though being with your friends is desirable, don't let your social wishes interfere with your decision about what kinds of classes you enroll in to attain the future for which you believe God is calling you.
2. **Seek the advice of parents, teachers, administrators, your dean, and the guidance counselor.** In the college and career office you can:
 - a. Utilize Naviance. Naviance is a program that supports RCS objectives to educate and equip students for life after high school. The benefits to using Naviance are to both track your progress and to guide conversations at school and at home so that we can partner to support and advise you. You complete tasks on Naviance, the program keeps track of your data and sets up your next step based on the responses. This is done in order to provide to you an individualized experience.
 - b. Find information about occupations and colleges. This often includes information about prerequisite courses or appropriate training programs to adequately prepare you for your desired career path. In addition, RCS college tours are available at least twice per year to provide exposure to different types, size, and locations of colleges.
3. **Your education should stretch you in new ways so you can find out what gifts God has given you and where He may be leading you to serve Him.** There is room in everyone's schedule to take courses beyond those that we require. We encourage students who are able to take a full course load.
4. **To make changes, you need permission from your teacher, dean, and parents.** If a class is dropped within two weeks of the beginning of the semester, there will be no indication of the dropped class on the transcript. However, upon joining the new class, you would be required to complete the work missed up to that point. A course dropped after two weeks would be indicated on your transcript as a withdrawal. A course dropped between two to five weeks may only be dropped to add a study hall and the transcript will show the dropped course. After five weeks, you may no longer drop a course.
5. **If you fail a required course, you must repeat it or retake the course in an accredited, RCS-approved credit recovery program.** Core graduation requirements should be completed before the start of the next academic year. Failures are recorded on the transcript and are reflected in the GPA.



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