



COURSE CATALOGUE



Accredited by the
Western Association of Schools and Colleges
and the
Association of Christian Schools International

Dear RHCS Students and Families,

At Redwood Christian Schools, we believe education is about far more than completing courses, earning credits, or preparing for college. Our mission is to provide a Christ-centered education that equips students for daily living and eternal life. Everything we teach flows from that purpose. Scripture tells us that we are God's workmanship, created in Christ Jesus for good works that He has prepared for us to do (Ephesians 2:10). It also tells us that God's Word equips us for every good work (2 Timothy 3:16-17). Those truths shape our vision for every RCS student: **Prepare students for every good work by helping them Think Deeply, Live Faithfully, Lead Boldly, and Thrive in God's Calling.**

This Course Catalogue describes one of the primary ways we pursue that vision during the high school years.

- We want our students to **Think Deeply** as they develop knowledge and skills, learn to evaluate ideas through a biblical worldview, solve problems, communicate effectively, and grow in wisdom and discernment.
- We want them to **Live Faithfully** by loving God, walking with Jesus Christ, developing Christlike character, and learning to conduct themselves in a manner worthy of the Gospel.
- We want them to **Lead Boldly** by stewarding the gifts God has given them, serving others, influencing those around them toward Christ, and developing the courage to stand for biblical truth.
- And we want them to **Thrive in God's Calling** by recognizing how God has uniquely designed them, developing their gifts with excellence, and preparing to faithfully pursue whatever work God places before them.

That is why the courses in this catalogue are more than a collection of graduation requirements. From Bible, English, mathematics, science, and history to the arts, athletics, electives, Advanced Placement, and Dual Credit opportunities, each part of the RCHS academic program contributes to preparing students for what comes next.

Students will make important choices as they plan their four years at RCHS. Some will pursue advanced academic pathways. Others will discover interests and abilities through electives they had never previously considered. Their plans may change as they grow and discover more about the gifts God has given them. That is part of the journey.

My hope is that students and families will use this catalogue not simply to ask, "**What classes do I need to take?**" but also, "**How can I make the most of these four years to prepare for what God is calling me to do?**"

Our responsibility is not merely to prepare students to graduate from Redwood Christian High School. It is to prepare them to step confidently into college, career, church, family, community, and wherever else God calls them, equipped to do the good work He has prepared for them.

Think. Live. Lead. Thrive.

In Christ,



Al Hearne II, PhD
Superintendent
Redwood Christian Schools

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GRADUATION REQUIREMENTS

SUBJECT	UNITS
Bible	45
English	45
Mathematics	20
Physical Education	20
Science	20
Social Science	30
Electives	60
Total Units For Graduation	240

REQUIRED CORE COURSES

9th

Bible I
English I
Algebra I
or Geometry
Biology
P.E.
2 Electives

10th

Bible II
English II or AP Language
Algebra II/Trig. or Geometry
World History
or AP World History
P.E.
2 Electives

11th

Bible III
or Christian Min.
English III
or Honors English
U.S. History
or AP U.S. History
4 Electives

12th

Bible IV or Christian Min.
English IV or AP Literature
U.S. Government
Economics
Understanding the Times
Speech
3 Electives

GRADING SCALE

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

IMPORTANT NOTES

- RCS recommends that college-bound students begin taking Spanish or Mandarin in 9th grade.
- In 11th grade students should use their electives to take a 3rd year of language and math, a 2nd year of science, and other courses they have not yet been able to take such as the visual or performing art requirement for college.
- Online classes must be approved by the Principal before the class is started in order for it to be placed on their transcript.
- No more than 30 semester units of summer school and/or correspondence courses may be used toward the 240 units.
- No more than 10 units of adult school or Teacher's Aide count toward the 240 units.
- No academic credit is given for Study Hall.

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 enrollment within a semester if they remain on probation.

CHOOSING WISELY

Think carefully about your gifts, strengths, weaknesses, needs, and long-term goals. 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.

Seek the advice of parents, teachers, administrators, and advisors. Utilize Naviance, a program that supports RCS objectives to educate and equip students for life after high school. Naviance can both track your progress and guide conversations at school and at home so that we can partner to support and advise you.

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.

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.

To make changes, you need permission from your teacher, campus administrator, and parents. A new class may be added within the first three weeks of the semester, and any work missed up to that point will need to be made up. A class may be dropped during the first six weeks of the semester and the class will not be recorded on the transcript. If a course is dropped after six weeks, it will be listed on the transcript with a "W" for withdrawn.

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.

BIBLE COURSES

Bible curriculum begins with a recognition that the Sovereign God of this universe desires that whoever believes in Him will 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 I

This 9th grade Bible course is designed to equip students to engage with the content and central message of the Old Testament. In this course, students will trace the storyline of scripture, from creation to the return of God's people from exile. They will learn how each book of the Old Testament contributes to the whole of the Biblical narrative. They will discover how God's unfolding covenant promises point forward to the reconciliation of all things to God through the life, death, resurrection, and return of Jesus Christ. Over the course of the school year, students will not only learn about God and his word, they engage with personal, promise-keeping God who is the same yesterday, today, and forever.

- Prerequisite: None
- Required for graduation

Bible II

This 10th grade Bible course is designed to equip students to engage with the content and central message of the New Testament. In this course, students will trace the storyline of scripture, from the announcement of the birth of Jesus to our glorious future in the new heavens and the new earth. They will learn how each book of the New Testament contributes to the whole of the Biblical narrative. They will discover how God's ancient covenant promises are completely fulfilled through the life, death, resurrection, and return of Jesus Christ. Over the course of the school year, students will not only learn about God and his word, they will be challenged to take up the call of the disciples, to become witness of the good news of Jesus, proclaiming his grace and glory to the ends of the earth.

- Prerequisite: None
- Required for graduation

Bible III

11th grade Bible is a year-long course emphasizing Decision Making and the will of God. It is designed to equip students with decision-making skills that will facilitate their ability to live spiritually and vocationally productive lives. Students will study how to grow in their faith both in high school and in college as well as develop a perspective of career stewardship, discover their talents, review Biblical perspectives for decision making, and grow in their understanding of God's plan for their lives.

- Prerequisite: None
- Required for graduation

Bible IV

This senior-level Bible course is designed to deepen students’ understanding of the essential message of the Gospel and equip them to confidently articulate and defend their faith in a world that increasingly challenges Biblical truth. With a strong emphasis on Biblical apologetics, students will learn to thoughtfully and respectfully respond to difficult questions about Christianity, both from within the Church and from secular culture. Students will also engage in meaningful discussions and critical analysis of major ethical and moral issues shaping our society. Using Scripture as their foundation, students will be guided in developing thoughtful, compassionate, and Biblically grounded responses to these complex topics. In addition to studying core theological concepts, students will be encouraged to explore their own personal questions and doubts about the Christian faith. This course creates a safe space for honest inquiry, spiritual growth, and the pursuit of truth, helping students move from inherited belief to personal conviction.

- Prerequisite: None
- Required for graduation

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 to bring a message of hope to those who are suffering and also grow in the empathy God expects of Christians. Students will learn the Biblical, historical, cultural and strategic 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.

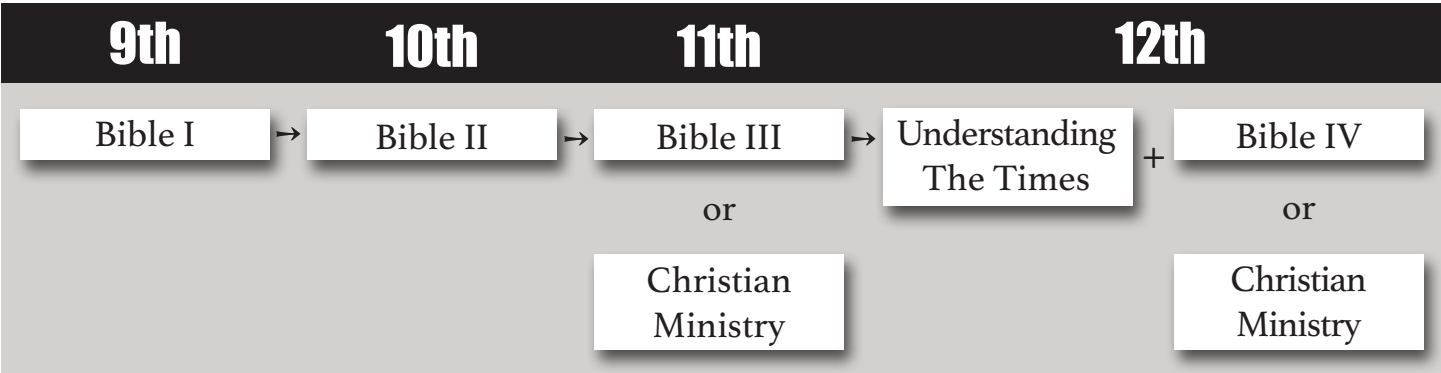
- Prerequisite: Application and Interview
- Elective course option to fulfill the Bible III and/or Bible IV graduation requirement

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: None
- Required for graduation

BIBLE SEQUENCE



ENGLISH COURSES

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 them. Teaching students to think and express themselves in a clear and thoughtful manner is the goal of language arts instruction. This involves teaching students that God has 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 I

In English I, students will build foundational skills in speaking clearly, writing effectively, and reading with understanding. The course emphasizes strong communication, equipping students to accurately interpret and represent others' ideas in both written and spoken form. Students will explore the key elements of literature—such as character, setting, plot, and theme—while analyzing short stories, novels, plays, poetry, and nonfiction texts. They will also examine cultural and ethical issues within literature and learn to respond Biblically. Throughout the course, students will develop proficiency in academic writing, critical thinking, and in language development.

- Prerequisite: None
- Required for graduation

English II

Students in English II increase fluency in reading and writing. Students will analyze academic vs. conversational English and discern the appropriateness of each. Students will practice language skills and be challenged to discuss and explore the foundations of World Literature. Furthermore, students will be exposed to several genres including the short story, essay, biography, poetry, drama, legend, and the novel.

- Prerequisite: None
- Required for graduation

AP English Language and Composition

Students in AP Language and Composition will increase fluency in reading and writing. Students will analyze rhetoric vs. truth and discern the usage of each. 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 World 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: None
- AP Language and Composition is an advanced course option to fulfill the English II graduation requirement.

English III

Students in English III will develop their Biblical worldview by identifying connections between American literature and the changes within our society. The reading in this course will show how literature reflects time, place, and cultural change. Literary terms in novels and elements of poetry will be discussed throughout this course. Vocabulary will include literary terminology as well as general terminology important for high school students to learn. Grammar instruction will be given through various lessons and assignments. Writing assignments will include responses to literature, journal entries, poems, projects, and essays.

- Prerequisite: None
- Required for graduation

Honors English III

Students in Honors English III will receive an overview of American literature from the colonial period through the modern era. Students will develop their Biblical worldview through literary study that is infused with historical applications for a better understanding of the social and historical context of the readings. Students will identify these connections between literature and the changes within society such as how literature reflects time, place, and culture in depth. Students will examine poetry, essays, novels, speeches, and plays throughout American literary history and identify major American literary eras. Students will do this by reading and examining the works of American authors and poets. Further advanced learning outcomes include instructive presentations of chapter books, mastery in the skills of communication (reading, writing, and speaking), grammar, and vocabulary.

- Prerequisite: None
- This Honors English III course is an advanced course option to fulfill the English III graduation requirement.

English IV

For the 12th grade English 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 Advanced Literature. This course gives students the chance to analyze the different worldviews presented from the hero concept to the regular man. Effective communication is practiced through research with the use of appropriate technology, various speeches and/or presentations throughout the year and the type of college-oriented writing assignments given within each unit.

- Prerequisite: None
- Required for graduation

AP Literature and Composition

In AP English Literature and Composition, 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 Biblical truths in literature, 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. 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 manner, 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: None
- AP Literature and Composition is an advanced course option to fulfill the English IV graduation requirement.

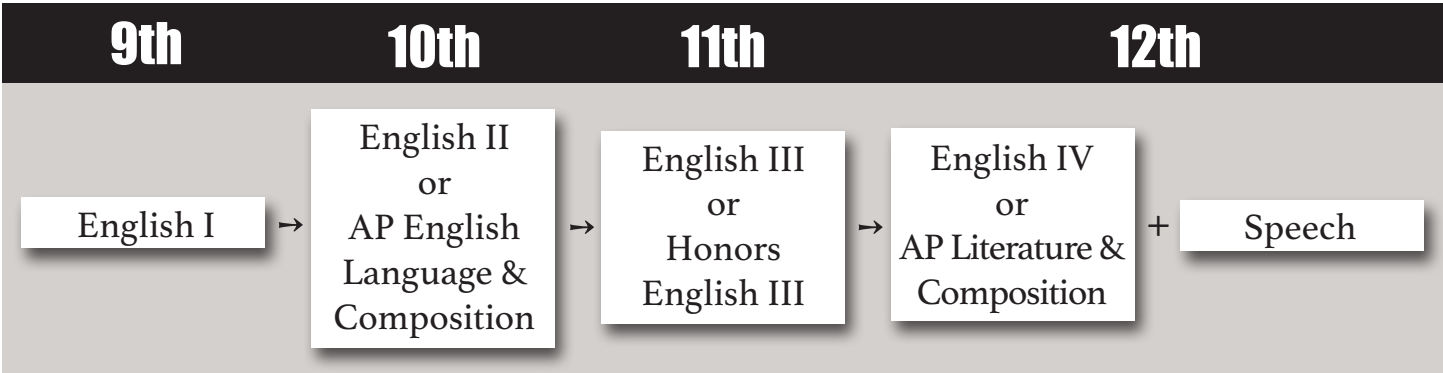
Speech

The purpose of this high school speech course is to help students develop clear, confident, and effective oral communication skills. Students will learn how to adapt their speaking for different audiences and purposes while planning and delivering a variety of speech types, including viewpoint, instructional, demonstration, informative, persuasive, and impromptu. Writing assignments—creative,

analytical, and expository—support the structure and content of their presentations. Students will study effective speech practices, analyze examples from skilled speakers, and receive regular feedback to strengthen their delivery. The course also emphasizes research, organization, and the use of visual tools to enhance communication, along with the development of strong critical listening skills.

- Prerequisite: None
- Required for graduation

ENGLISH SEQUENCE



Algebra I

In Algebra I, 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. 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: Pre-Algebra
- Required for graduation

Geometry

Students in Geometry will study points, lines, planes, angles, polygons, circles, solids, loci of points, and coordinate 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. 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: Algebra I
- Required for graduation

Algebra II

Students in Algebra II receive a review of and then extension upon all major concepts from Algebra I culminating in more thorough applications. Students will understand additional topics such as: 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

MATHEMATICS COURSES

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 displays the same traits which are seen over and over in the universe, and 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.

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 I and Geometry
- Algebra II is an elective mathematics option for 10th and 11th grade students.

Algebra II/Trigonometry

Students in Algebra II/Trigonometry will study both advanced Algebra II concepts and Trigonometry. Students will also understand how functions are used to represent and simulate the world we live in. In addition to Algebra II 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: Algebra I and Geometry with a grade of “B-” or higher.
- Algebra II/Trigonometry is an elective mathematics option for 10th and 11th grade students.

AP Pre-Calculus

Students in AP Pre-Calculus algebraically manipulate functions, equations, and expressions. This is to further develop a mastery of functions, equations, and expressions so students can translate mathematical information between representations, understanding inputs and outputs as these points correlate to graphs. Students study parent functions and the consistency of how these functions behave with transformations, such as a translation, reflection, and both vertical and horizontal compressions and stretches. Students construct and manage the relationships on the unit circle to find reference angles, trigonometric identities, and formulas. Students in AP Pre-Calculus are taught to communicate with precise language and provide rationales for conclusions. In addition, students are

shown how God through creation is the author of mathematical truths, so there are connections between our faith and math. Students connect with mathematical truths created by God through order, precision, accuracy, and relationships found within mathematics. As students learn the universal language of math through AP Pre-Calculus, the course teaches the value of the validity of models which represent real world situations for exact and/or reliable answers, enhancing their problem-solving skills, developing stronger critical thinkers.

- Prerequisite: Algebra II/Trigonometry
- AP Pre-Calculus is an elective mathematics option for 11th and 12th grade students.

AP Calculus AB

Students in AP Calculus, learn 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: AP Pre-Calculus
- AP Calculus AB is an advanced elective mathematics option for 11th and 12th grade students.

Statistics

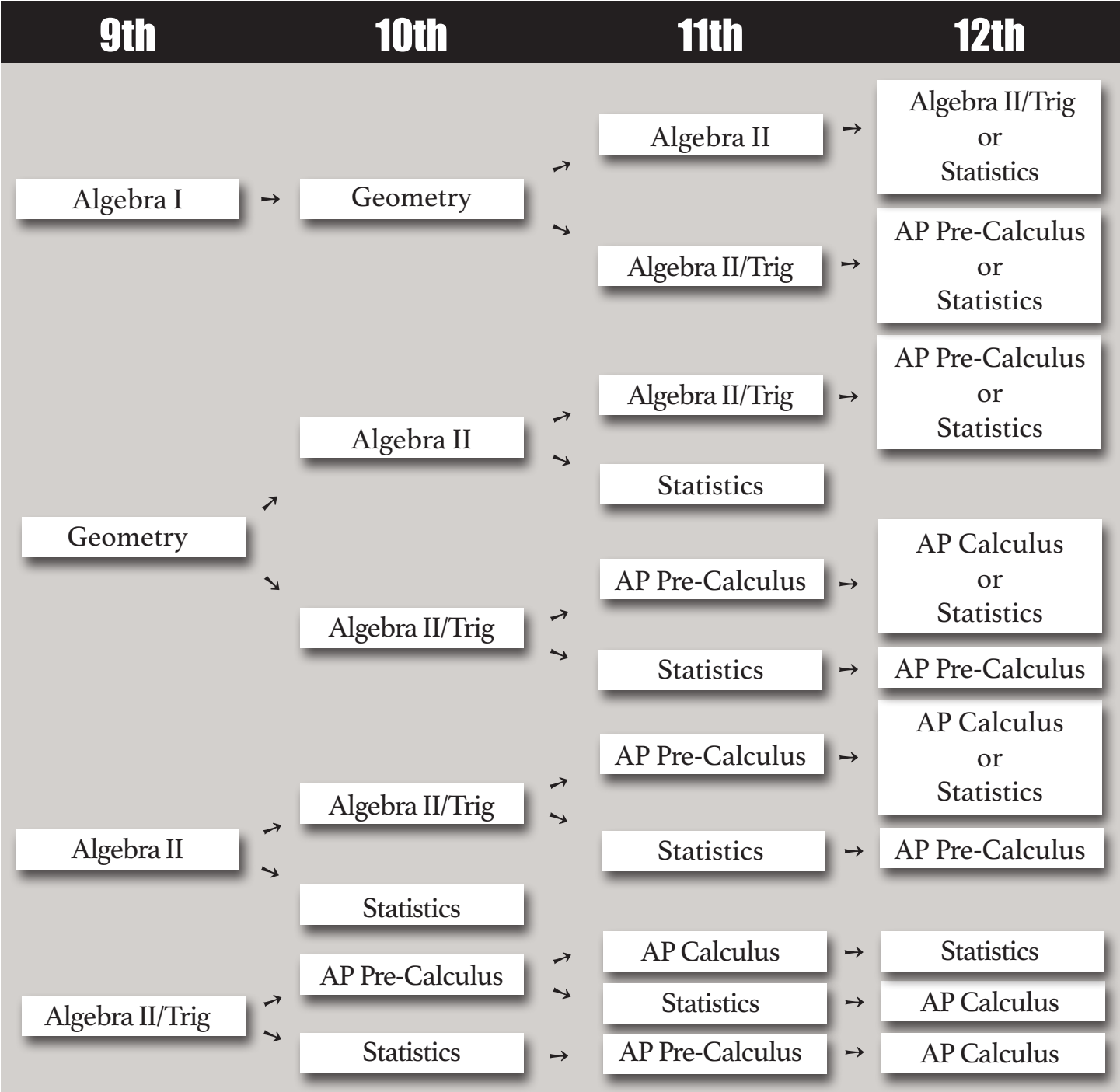
Students in Statistics study how to collect, organize, analyze, and interpret numerical information from data, everywhere in the world today. Students will work with the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students

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. 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: Algebra II or Algebra II/Trig
- Statistics is an elective mathematics option for 12th grade students.

MATHEMATICS SEQUENCE



PHYSICAL EDUCATION COURSES

The Physical Education program introduces students to a Biblical perspective of physical health and the enjoyment that comes from developing athletic skills. An emphasis is placed on caring for our physical bodies in order to be of better service to God (1 Corinthians 6:19-20). While participating in fitness activities and athletic competitions, strong emphasis is placed on participating in a manner that reflects Christ-like character (1 Corinthians 9:24-27).

Physical Education (P.E.)

High School Physical Education (P.E.) is designed to provide students with the opportunities to learn sport-specific skills while involved with a variety of team, dual, and individual sports. Students 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.

- Physical Education (P.E.) for grades 9 and 10 are required for graduation

Biology

This 9th grade Biology course is a study of the many disciplines involved in the Biological Sciences. Major areas of study include cell processes, genetics and heredity, the origins of life, microbiology, bioethics, and the human body. This Biology course is designed to help students come to a better understanding of the nature of God as Creator by examining His creation. Students will use the scientific method in an inquiry-based environment through STEM-styled labs, lessons, activities, and discussions. By means of a Biblical Worldview, students will be challenged to understand how life processes work and their role in our complex world.

- Prerequisite: None
- Required for graduation

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 critical thinkers and to grow spiritually as they learn more about God's creation through STEM-styled labs.

- Prerequisite: None
- Fulfills the second 10 units of science required for graduation

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, STEM-styled labs, and hands-on experience accompany the written coursework 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: Algebra II (or concurrent enrollment in Algebra II)
- Fulfills the second 10 units of science required for graduation

SCIENCE COURSES

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 precision and order. 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.

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 at the college level. Mathematical skills in calculations will be emphasized as well as STEM-styled 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: Algebra II/Trig. (or concurrent enrollment in Algebra II/Trig.)
- Advanced science course that fulfills the second 10 units of science required for graduation

AP Chemistry

The AP chemistry course is a college-level course designed to develop further understanding of matter and its properties. STEM-styled laboratory techniques and hands-on experience makes up 25% of the course, with student inquiry being emphasized and encouraged. Subjects of course study include: Atomic Structure, Periodic Trends, Molecular and Compound Structures, Intermolecular Forces, Gas Laws, Solutions, Spectroscopy, Chemical Reactions, Reaction Kinetics, Thermodynamics and Equilibrium, Acid-Base Chemistry, Redox Chemistry, and Applications of Thermodynamics. Upon completion, students will take the College Board AP Chemistry Exam. AP Chemistry is offered every other year, opposite of AP Physics.

- Prerequisite: Chemistry or Honors Chemistry
- Advanced elective science course option for 12th grade

Physics

This Physics course will introduce the student to the fundamental concepts and unifying principles of physics through STEM-styled labs and projects. 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 and understand how to conduct advanced laboratory activities.

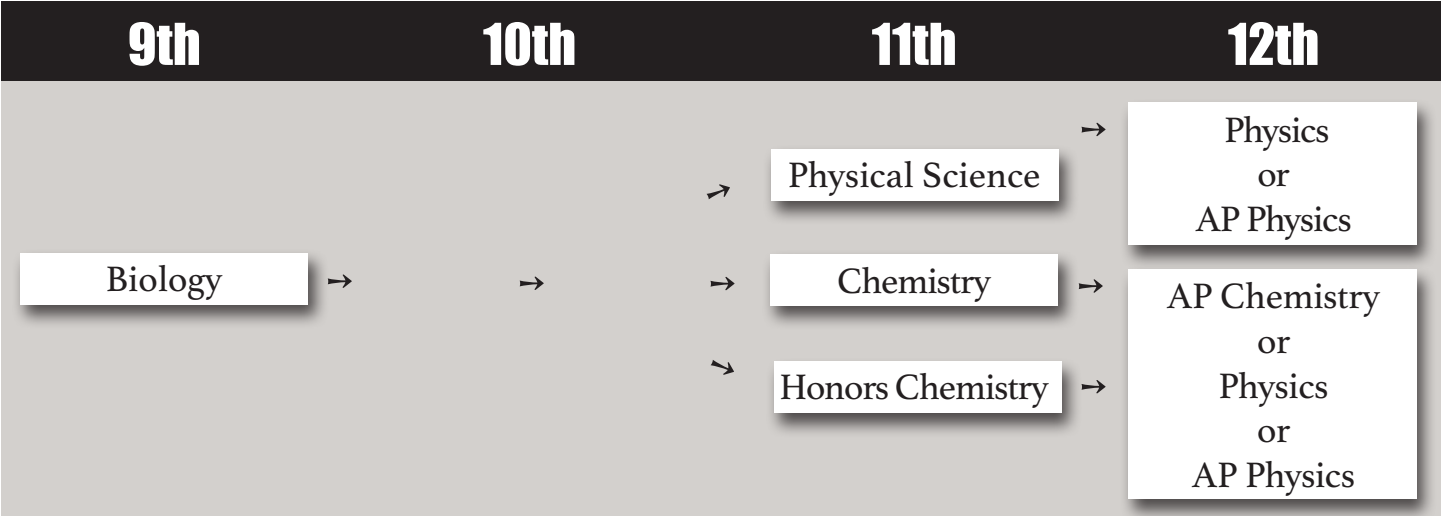
- Prerequisite: Algebra II
- Elective science course option for 12th grade

AP Physics I

The AP Physics I is a full-year course that is the equivalent of a first-semester introductory college course in algebra-based physics. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, and torque and rotational motion. This course requires that twenty-five percent of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to demonstrate the foundational physics principles and apply the science practices. Inquiry-based laboratory experiences support the AP Physics I course by providing opportunities for students to engage in the seven science practices as they design plans for experiments, make predictions, collect and analyze data, apply mathematical routines, develop explanations, and communicate about their work. Upon completion, students should be prepared to take the College Board AP Physics I test. To foster this deeper level of learning, the AP Physics I course defines concepts, science practices, and understandings required by representative colleges and universities for granting college credit and placement. Students will practice reasoning skills used by physicists by discussing and debating, with peers, the physical phenomena investigated in class, as well as by designing and conducting inquiry-based laboratory investigations to solve problems through first-hand observations, data collection, analysis, and interpretation. 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 imaginable size. His glory is demonstrated in the unimaginable complexity of his creation. AP Physics is offered every other year, opposite of AP Chemistry.

- Prerequisite: Concurrent enrollment in AP Pre-Calculus
- Advanced elective science course option for 12th grade

SCIENCE SEQUENCE



SOCIAL SCIENCE COURSES

Social Science curriculum encompasses the study of systems used to organize people to live together and function as a large group. Students will learn that governments, kingdoms, and nations are established by God to bring about His purposes. Recorded history reveals God's sovereignty, justice, and mercy in dealings with individuals, nations, and governing bodies. 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 with Godly wisdom through participation in the political, social, and economic processes.

World History

Tenth 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: None
- Required for graduation

AP World History: Modern

AP World History: Modern explores global developments from 1200 A.D. to the present, examining major civilizations, empires, belief systems, revolutions, and global interactions. Students will study the forces that shaped our modern world, including political shifts, economic systems, cultural changes, and social movements. Through engaging with primary and secondary sources, students will strengthen key academic skills such as analytical reading, historical writing, and evidence-based argumentation. This college-level course also encourages students to reflect on God's sovereignty and the moral and ethical decisions of people and nations throughout history. As they explore the trials, triumphs, and failures of past societies, students will be challenged to consider the value of living with personal discipline, integrity, and purpose. The course prepares students for success on the AP exam and lays a foundation for thoughtful global citizenship and an understanding of God's movement in modern World History.

- Prerequisite: None
- Advanced course option to fulfill the World History graduation requirement

United States History

In this 11th grade United States History course, students will focus on the foundations of democracy that our country was founded upon, 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 decisions as a citizen of the United States.

- Prerequisite: None
- Required for graduation

AP United States History

In AP United States History, students will develop skills to understand God's sovereignty in American History. Using primary sources and research based methods, students will investigate and analyze 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 to facilitate their understanding. Furthermore, students will do analytical reading assignments and demonstrate their developing knowledge through writing comprehensive, thesis-driven essays. Advanced Placement (AP) classes are college level classes.

- Prerequisite: None
- Advanced course option to fulfill the United States History graduation requirement

United States Government

The United States Government course 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 among cultural and political barriers.

- Prerequisite: None
- Required for graduation

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.

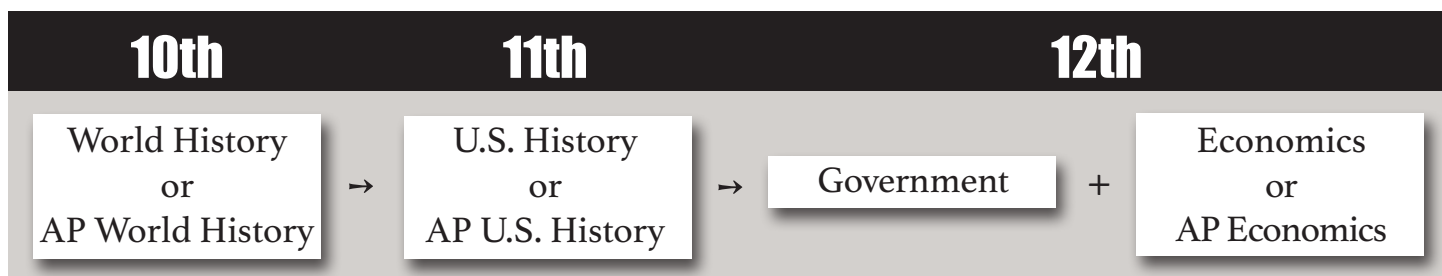
- Prerequisite: None
- Required for graduation

AP Micro and Macro 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 the government influences economies, GDP, various types of monopolies, and the monetary system. Advanced Placement (AP) classes are college-level classes.

- Prerequisite: None
- Advanced course option to fulfill the Economics graduation requirement

SOCIAL SCIENCE SEQUENCE



ELECTIVE COURSES

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, Art, Music, Technology, as well as vocal and instrumental 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*

High School Art courses are designed to glorify God through thinking, creating, and empowering students to become creative citizens. In these art classes, students will learn and create through the study of a variety of artistic techniques. These skills will give students the opportunity to produce meaningful artworks in addition to exploring how to express their spiritual journey. The philosophical aesthetics, art history and art criticism also discussed in these classes will provide a well-rounded exposure to the greater art world and opportunities to use critical thinking and analytical skills. Students will develop skills that will help them analyze their own works of art through the knowledge gained during classroom critiques and other activities that include participation in local art contests and shows.

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: Interview with Chapel Leadership Advisor
- Elective course option for all students

Concert Band

High School Concert Band is designed to glorify God through instrumental worship. Students will do this by becoming a performance-oriented group of active learners who present concerts throughout the academic year in a wide variety of settings that may include school campuses, churches, local and state band festivals, community concerts, and other venues. In order to prepare for these performances, students will cultivate skills with their chosen instruments through proper instrumental techniques and breathing, correct musical interpretation, music theory, music history, and stage deportment.

Concert Choir

High School Concert Choir is designed to glorify God through vocal worship. Students will do this through dedicated practice and concerts on our school campuses, or at churches and other off-campus venues. In order to prepare for these concerts, the student will cultivate vocal music skills through learning proper vocal techniques and breathing, correct musical interpretation, music theory, music history, and stage deportment.

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, III*

The purpose of these Mandarin courses is for students to learn the basic vocabulary and language skills used in everyday conversation and to convey the Gospel of Jesus Christ to the Mandarin speaking world. They will build upon vocabulary development by discussing course topics such as interactions at school, in their daily routines, during special occasions, and talking about their interests. Students will explain how Chinese traditions have influenced Chinese culture in Asia and the rest of the world. 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, and negotiate meaning with their classmates in Spanish to learn and understand the Spanish language and convey the Gospel of Jesus to the Spanish speaking world. Students will discuss far ranging course topics as diverse as fashion trends and fads; environmental, religious, and cultural issues affecting the world. Students 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 global Christian outreach and will also examine equality of opportunity, ethnic and gender diversity, and styles of communication.

Teacher's Aide

Teachers' aides help teachers in all departments to help in organization and preparation of day-to-day classes. This 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.

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.

**Successive courses (courses numbered as I, II, III, etc.) require students to take the courses in order.*

UC & CSU ENTRANCE REQUIREMENTS

English	4 years
Mathematics <i>Algebra I, Geometry, Algebra II</i>	3 years
History <i>World History, U.S. History, or Government</i>	2 years
Labratory Science <i>UC- Biology, Chemistry, or Physics CSU- Life Science & Physical Science</i>	2 years
Foreign Language <i>2 years of the same language</i>	2 years
Visual & Performing Arts	1 year
College Prep. Electives <i>English, Adv. Math, Science, Social Studies, Tech. & Media Arts, Language, or Fine Arts</i>	1 year

COLLEGE PLANNING

UNIVERSITY OF CALIFORNIA'S “A – G” APPROVED COURSES AT REDWOOD CHRISTIAN HIGH SCHOOL

The courses below meet the requirements for admission to the University of California.

HISTORY/SOCIAL SCIENCE “A”

AP United States History	United States	World History
AP World History (Modern)	Government United States History	

ENGLISH “B”

AP English Language & Composition	Composition English I English II	English IV Honors English III
AP Literature &	English III	

MATHEMATICS “C”

Algebra I	AP Calculus AB	Statistics
Algebra II	AP Pre-Calculus	
Algebra II/Trigonometry	Geometry	

LABORATORY SCIENCE “D”

AP Chemistry	Chemistry	Physics
AP Physics I	Honors Chemistry	
Biology	Physical Science	

LANGUAGE OTHER THAN ENGLISH “E”

Mandarin I	Spanish I	Spanish IV
Mandarin II	Spanish II	
Mandarin III	Spanish III	

VISUAL AND PERFORMING ARTS “F”

Art I	Concert Choir	Drama II
Art II	Digital Marketing	Yearbook
Concert Band	Drama I	

ELECTIVE COURSES “G”

Algebra II/Trigonometry	Art II	Spanish III
AP Calculus AB	Drama II	Spanish IV
AP Micro & Macro Econ.	Economics	Statistics
AP Pre-Calculus	Mandarin III	

JESSUP UNIVERSITY DUAL CREDIT COURSE OFFERINGS

In collaboration with Jessup University (JU), RCS offer students the opportunity to enroll in dual credit college courses.

Dual credit allows a student to earn college credit through JU simply by taking approved courses taught by RCS faculty. These Dual Credit courses provide a unique advantage, enabling students to earn both high school and college credits simultaneously. This participation empowers students to make significant strides towards their college goals while in high school.

Dual Credit courses offer a genuine academic experience with university-level semester grades. These grades are reflected on an official Jessup University transcript. In addition, JU credit is transferable to many colleges and universities nationwide, significantly enhancing a student's pursuit of higher education at JU, or other institutions recognizing JU credit. Please check with the colleges and universities you plan to apply to in order to confirm whether they accept credit from Jessup University. Acceptance of transfer credit varies by institution, so it is your responsibility to verify this information.

- **Cost:** Students earn credit through JU at \$70 per credit hour. A 3-credit hour course only costs \$210 for dual credit. The average cost per credit hour nationwide is currently \$456*, so this is a great value, potentially saving RCS families thousands of dollars in college tuition costs.
- **Eligibility:** To qualify, students must maintain a "C" grade (73% or better) each quarter and semester. Please understand that if students earn less than a 73% "C" any quarter or semester, they will NOT earn Dual Credit and all fees paid are not refundable.
- **Credit Recognition:** Dual Credit at RCS directly allows your student to accrue credit at JU, a highly acclaimed, Christian University. In addition, JU credit is widely accepted nationwide. It is the responsibility of the student to confirm credit acceptance with their chosen institution's admissions department.

RCS Course Name	JU Course Equivalency	JU Course Number	JU Credit Hours
AP Calculus AB	Calculus I	MATH140	4
AP Chemistry	Intro to Chemistry & Lab I & II	CHEM110&L/111&L	8
AP Literature & Composition	Topics in Literature	ENGL296	3
AP Language & Composition	English Composition	ENGL101A	3
AP Macroeconomics	Macroeconomics	BUS240	3
AP Microeconomics	Microeconomics	BUS241	3
AP U.S. History	U.S. History	HIST291	3
AP World History	World Civilization II	HIST232	3

*Dual Credit course offerings are subject to change annually based on Jessup University approval and RCS teacher availability.

REDWOOD CHRISTIAN HIGH SCHOOL COURSE LIST

BIBLE (45 Units Required)

Course Name	Grade	Length	Units	UC
Bible I	9	Year	10	
Bible II	10	Year	10	
Bible III	11	Year	10	
Bible IV	12	Year	10	
Christian Ministry	11-12	Year	10	
Understanding The Times	12	Semester	5	

ELECTIVES (60 Units Required)

Course Name	Grade	Length	Units	UC
Art I	9-12	Year	10	F
Art II	10-12	Year	10	F/G
Chapel Leadership	9-12	Year	10	
Concert Band	9-12	Year	10	F
Concert Choir	9-12	Year	10	F
Digital Marketing	9-12	Year	10	F
Drama I	9-12	Year	10	F
Drama II	10-12	Year	10	F/G
Mandarin I	9-12	Year	10	E
Mandarin II	10-12	Year	10	E
Mandarin III	11-12	Year	10	E/G
Spanish I	9-12	Year	10	E
Spanish II	10-12	Year	10	E
Spanish III	11-12	Year	10	E/G
Spanish IV	12	Year	10	E/G
Teacher's Aide	9-12	Year	10	
Yearbook	9-12	Year	10	F

ENGLISH (45 Units Required)

Course Name	Grade	Length	Units	UC
AP English Language & Composition	10	Year	10	B
AP English Literature & Composition	12	Year	10	B
English I	9	Year	10	B
English II	10	Year	10	B
English III	11	Year	10	B
English IV	12	Year	10	B
Honors English III	11	Year	10	B
Speech	12	Semester	5	

MATHEMATICS (20 Units Required)

Course Name	Grade	Length	Units	UC
Alegbra I	9-10	Year	10	C
Algebra II	9-11	Year	10	C
Algebra II/Trigonometry	9-11	Year	10	C/G
AP Calculus	11-12	Year	10	C/G
AP Pre-Calculus	10-12	Year	10	C/G
Geometry	10	Year	10	C
Statistics	12	Year	10	C/G

PHYSICAL EDUCATION (20 Units Required)

Course Name	Grade	Length	Units	UC
Physical Education	9-10	Year	10	

SCIENCE (20 Units Required)

Course Name	Grade	Length	Units	UC
AP Chemistry	12	Year	10	D
AP Physics I	12	Year	10	D
Biology	9	Year	10	D
Chemistry	11	Year	10	D
Honors Chemistry	11	Year	10	D
Physical Science	11	Year	10	D
Physics	12	Year	10	D

SOCIAL SCIENCE (30 Units Required)

Course Name	Grade	Length	Units	UC
AP Micro & Macro Economics	12	Year	10	G
AP United States History	11	Year	10	A
AP World History (Modern)	10	Year	10	A
Economics	12	Year	10	G
United States Government	12	Year	10	A
United States History	10	Year	10	A
World History	11	Year	10	A



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