

RCS

Course Description Catalog

High School (9th-12th Grades) **2017-2018**

RCS Graduation Requirements	2
Bible	3
English.....	4
Math	6
Social Studies	8
Science.....	10
Fine Arts.....	11
Technology.....	17
Foreign Language.....	19
Physical Education	20
Electives.....	21
Student Success & College/Career Prep.....	23

All high school courses offer the appropriate graduation semester credit hours after successful completion only (grade of 60% or better).
Specific questions should be directed to the school office.

RCS

Graduation Requirements

4 credits Bible (or one credit per year of RCS enrollment)

4 credits English

3.5 credits Social Studies

(.5 credit Geography, 1 credit American History or AP US History, 1 credit World History, .5 credit Government, and .5 credit Economics required)

4 credits Math

(must include Geometry & Algebra 2)

3 credits Science

(4 years recommended for college bound students; Biology and Chemistry required for all students)

1 credit Fine Arts

2 credits Foreign Language (must be same language)

1 credit College Prep Class

.5 credit Technology

.5 credit Speech (or 1 credit of Competitive Speech & Debate)

.5 credit Health

1.5 credits PE

(.5 year credit/sport successfully completed at RCS; up to 1.5 years credit for sports participation at RCS)

.5 Senior Capstone & Mission Trip

26 credits minimum to graduate

All 9th, 10th, 11th grade students must be enrolled in 8 classes

All seniors must be enrolled in 7 classes

Seniors are required to successfully complete Senior Capstone & senior mission trip in order to graduate.

Bible

Progress of Redemption in the Old Testament

Grade: 9
Credit: 1.0 (Full Year)
Prerequisites: None

In this course you will explore God's plan of redemption as it progressively unfolds in the Old Testament. You will trace the basic historical revelation in the Old Testament to see what God is doing and by what method. You will consider the spoken revelations as you observe the progress of doctrine as it foretells the coming of the Messiah in the person of Jesus Christ

New Testament Survey

Grade: 10
Credit: 1.0 (Full Year)
Prerequisites: None

This course presents the questions: *Why did God send His Son? What is the plan of salvation? What is redemption? Who was Jesus?* In this course, students will survey the New Testament Gospels and study the life, mission and ministry of Jesus. Focus is placed on lifestyle discipleship and what it means to follow Jesus in today's world.

World Religions and Hermeneutics

Grade: 11
Credit: 1.0
Prerequisites: None

This course will cover a survey of Hinduism, Islam, Buddhism, Nihilism and Atheism. We will read source texts from many world religions and learn to dialogue with them. We will discuss how each worldview answers the four big questions of – origin, meaning, morality, and destiny. We will then make the case that only the Christian worldview answers each one in a way that corresponds to reality. The second part will cover the five key steps to interpreting scripture. We will also discuss how the Bible came to us, and why it is authoritative. They will cover several literary genres from the scriptures.

Missions & Evangelism

Grade: 12 (Fall semester) Required
Credit: 0.5
Prerequisites: None

In this class we will be exploring God's heart for Missions, our role as believers in God's plan of Missions, as well as preparing our hearts and our teams for the senior class mission trip over spring break.

Bible in Life

Grade: 11 (Fall semester)

Credit: 0.5

Prerequisites: None

In this course we will learn to study and apply the Bible to everyday life alongside studying aspects of Faith and Christ. We will explore topics, issues, modern day news stories and current events happening in our world today. We will address these topics and issues from a Biblical stand point, teaching students to search the scriptures for solutions to deal with the very real life challenges they face.

Christian Life Applications

Grade: 11, 12 (Spring semester)

Credit: 0.5

Prerequisites: None

In this course we will learn to study and apply the Bible to everyday life alongside studying aspects of Faith and Christ. We will explore topics, issues, modern day news stories and current events happening in our world today. We will address these topics and issues from a Biblical stand point, teaching students to search the scriptures for solutions to deal with the very real life challenges they face.

Apologetics

Grade: 12 (Spring semester)

Credit: 0.5

Prerequisites: None

The overall question that this course will explore is: “Why do I believe in what Christianity teaches and not in the other belief systems of the world?” The hope would be that when students depart from this class they feel confident in their faith. The goal will certainly not be to try and rationalize or prove Christianity (since this isn’t possible), but instead to give students a solid foundation for their faith. We will do this by looking at why Christianity is reliable through the lens of scripture and history. We will also explore the other religions and prevalent belief systems present in society today. And finally, we will discuss what our role in culture should be, and how to relate to those who believe differently than we do.

Introduction to Systematic Theology (dual credit option)

Grade: 11, 12

Credit: 0.5

Prerequisites: None

In this course you will explore the major divisions of theology, the doctrine of the Bible (Bibliology), the doctrine of God (Theology Proper), the doctrine of Christ (Christology), the doctrine of the Holy Spirit (Pneumatology) and the doctrine end times (Eschatology). There will be a brief overview of the doctrine of Man (Anthropology), the doctrine of sin (Hamartiology) and the doctrine of salvation (Soteriology). The focus of the course will be aimed at providing a Biblical perspective on reality, grasping the main theological differences within orthodox Christianity and encouraging the student to begin thinking about what they believe about the Bible and why.

English/Communications

English 9 – Introduction to Classic Literature

Grade: 9

Credit: 1.0 (Full Year)

Prerequisites: None

This course is an introduction to literature and writing for ninth grade students and includes a research paper. Students study and practice the 6+1 traits of writing in order to facilitate written communication for the purpose of higher education, real-world employment, and the advancement of the Gospel. Students also read both fiction and non-fiction texts, using non-fiction texts for research and support in writing. Literature studies focus on biblical themes and morality and include the works of famous authors such as *To Kill a Mockingbird* by Harper Lee, *Lord of the Flies* by William Golding, and *Julius Caesar* by William Shakespeare.

English 10 - World Literature

Grade: 10

Credit: 1.0 (Full Year) Prerequisites:

English 9 or equivalent

In this course students will study literature from around the world to gain an appreciation for all of God's children and develop empathy with their experiences and will include a research paper. Literature studies focus on commonality of the human experience, as well as cultural and social context of each piece. Included are contemporary and classic works of famous authors such as *The Joy Luck Club* by Amy Tan, *Macbeth* by William Shakespeare, and *Cry, the Beloved Country* by Alan Paton. Writing instruction focuses on the 6+1 traits of writing in order to facilitate written communication for the purpose of higher education, literary analysis, and the advancement of the Gospel. Students also use non-fiction texts for research and support in writing.

English 11 - American Literature

Grade: 11

Credit: 1.0 (Full Year)

Prerequisites: English 10 or equivalent

This course combines famous literary works in American history with a continued study of advanced formal and academic writing and includes a research paper. Students study and practice the 6+1 traits of writing in order to facilitate written communication for the purpose of higher education, real-world employment, and the advancement of the Gospel. Students also read both fiction and non-fiction texts, using non-fiction texts for research and support in writing. Literature studies focus on the development of American Literature including the works of great American preachers, musicians, statesmen, and scholars. All literature is read through a biblical lens and Christian worldview and will include such classics as *The Crucible* by Arthur Miller, *The Great Gatsby* by F. Scott Fitzgerald, and *The Red Badge of Courage* by Stephen Crane.

English 12 -

Grade: 12

Credit: 1.0 (Full Year)

Prerequisites: English 11 or equivalent

English 12 for the 21st Century is a dual credit course that is designed to prepare students for the introductory year in college English and for the workplace. Writing, reading, critical thinking, and discussion are the key components of this class.

The class engages students in the reading of a nonfiction text. The selections in this text will be the springboard for responding to text, analyzing the author's style, and writing original essays using various patterns of organization. Fiction will also be woven into the class, as students will read and respond to three novels, two of which will be selections from British Literature. Exception the Brit lit selections, the fiction and non-fiction selections are contemporary and were chosen with our current generation of students in mind.

AP Literature

Grade: 11 or 12

Credit: 1.0 (Full Year)

Prerequisites: English 10 or equivalent; Admin approval (May be taken in place of English 11 or English 12)

The Advanced Placement Literature & Composition course is designed to push students to achieve higher understanding and thinking skills as well as provide them with the intellectual challenges and workload consistent with a typical undergraduate university English literature/Humanities course. By selecting a variety of texts from a variety of time periods, the student will be able to identify and apply not only the components of literature but be able to critically view each piece in an educated light. Students will also be required to write a research paper. Above and beyond preparing the students for college, it is the teacher's desire to provide an environment where the student begins to love literature and learning.

As a culmination of the course, the student will take the AP English Literature and Composition Exam given in May. A grade of 4 or 5 on this exam is considered equivalent to a 3.3–4.0 for comparable courses at the college or university level. A student who earns a grade of 3 or above on the exam will be granted college credit at most colleges and universities throughout the United States. Even if the student does not make a high score on the AP test, this course should be a benefit in and of itself. *Students must take AP Exam and cover cost of exam. *Not offered every year.*

AP Language and Composition

Grade: 11 or 12

Credit: 1.0 (Full Year)

Prerequisites: English 10 or equivalent

This is a one year course that engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Students will also be required to write a research paper. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. *Students must take AP Exam and cover cost of exam.*

Speech

Grade: 9, 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: None (required for graduation)

This one semester course includes speaking studies and projects in communication process, audience analysis, message, and public speaking in order to prepare students for public speaking beyond high school. Students will practice introduction, interview, demonstration, informative, devotional, and persuasive speaking with the intent of improving their own personal public speaking abilities.

Speech & Debate – Honors (\$100 class fee)

Grade: 9, 10, 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Speech or Theater/Drama or permission of instructor

In this course students will be introduced to the following competitive speech events: original oratory, duo acting, dramatic, humorous, and poetry interpretations. Students will select one or more areas for intensive study and practice. Once students are ready for competition performance with other schools, they will automatically become part of the RCS Forensics competitive speech team, recognized by the Colorado High School Activities Association, and attend at least four Saturday tournaments during the competition season. Because this is a CHASSA recognized activity, academic eligibility must be maintained in order to participate in tournament competition.

NOTE: After school practices and some Saturdays are required from October through April.

Math

Algebra I

Grade: 9

Credit: 1.0 (Full Year)

Prerequisites: Pre-Algebra or equivalent

This course includes graphing, solving equations, solving systems of equations, operations with polynomials and radicals, factoring polynomials, and quadratic equations. Units on statistics, probability, and biographies of mathematicians are also included.

Geometry

Grade: 9, 10

Credit: 1.0 (Full Year)

Prerequisites: Algebra I

This course includes the study of proofs, theorems, and real-life geometry. Units of study include area, volume, congruence, similarity, space, transformations, constructions, and trigonometry.

Algebra II

Grade: 10, 11

Credit: 1.0 (Full Year)

Prerequisites: Algebra I and Geometry

This course includes the study of graphing, solving equations, exponential functions, logarithms, trigonometry, complex numbers, rational expressions, conic sections, probability, and statistics.

Discrete Math

Grade: 12 only

Credit: 1.0 (Full Year)

Prerequisites: Algebra I, Geometry, and Algebra II

In this course students will learn different problem solving techniques and will apply basic math, algebra and geometry skills to creative problem solving in math. This course will provide an excellent review for college entrance exams (the ACT and the SAT.) There is also a unit on finances.

Pre-Calculus

Grade: 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Algebra I, Geometry, and Algebra II

This course is designed as a preparation for college with focus upon functions, graphing, trigonometry, and differential calculus.

AP Calculus AB (Option of Dual Credit through Colorado Christian University)

Grade: 12

Credit: 1.0 (Full Year); College credit: 3 hours (\$200 fee required for college credit)

Prerequisites: Pre-Calculus at RCS or approved alternative; Admin approval

A rigorous college-level calculus course, equivalent to the first semester of calculus in most four-year universities. Topics covered in this course include Limits and Continuity, Derivatives, Applications of Derivatives, The Definite Integral, Differential Equations, Mathematical Modeling, and Applications of the Integral. April and May will be set aside to prepare to take the AP exam. Students scoring at a proficiency level on the AP exam may receive college credit, depending on the requirements set forth by the particular college. *Students must take AP Exam and cover cost of exam.*

AP Calculus BC (pending level of interest)

Grade: 12

Credit: 1.0 (Full Year)

Prerequisites: AP Calculus AB; Admin approval

A rigorous, college-level, calculus course, equivalent to the first year of calculus in most four-year universities. Topics covered in this course include Limits and Continuity, Derivatives, Applications of Derivatives, The Definite Integral, Differential Equations, Mathematical Modeling, Applications of the Integral, Polar and Parametric Graphing, Infinite Series, and Vectors. April and May will be set aside to prepare to take the AP exam. Students scoring at a proficiency level on the AP exam may receive college credit, depending on the requirements set forth by the particular college. *Students must take AP Exam and cover cost of exam.*

Statistics

Grade: 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Algebra I, Geometry, and Algebra II

This course meets the common core standards for statistics and probability. Students will learn to interpret data, make inferences, justify conclusions, and apply the Rules of Probability.

Social Studies

Geography

Grade: 9

Credit: 0.5 (Semester)

Prerequisites: None (usually taken freshman year)

This one semester course is an introduction to the study of geography and an overview of the Western Hemisphere. A study of the earth, its people, and its resources as God created them. Extensive map studies are utilized.

World History

Grade: 10

Credit: 1.0 (Full Year)

Prerequisites: None (usually taken sophomore year)

This course is a study of historical events and regions from creation to modern times in light of God's Word. The ministry and expansion of the church is included along with the politics, economics, arts, and sciences of the time period under examination.

American History

Grade: 11

Credit: 1.0 (Full Year)

Prerequisites: None (usually taken junior year)

This course is a survey of America's story from exploration through the present day. Special attention is placed upon the Christian foundations of our nation as well as God's hand in America's developing influence.

AP US History (Option of Dual Credit through Colorado Christian University)

Grade: 11

Credit: 1.0 (Full Year); College credit: 3 hours (\$200 fee required for college credit)

Prerequisites: Must be in 11th or 12th grade. Admin approval; Students must have good reading skills and a strong work ethic

The AP program in US History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and materials in US history. The class will consist primarily of discussion of issues with an emphasis on writing comprehensive essays. Homework will be approximately 3 to 6 hours per week. ***Students must take AP Exam and cover cost of exam.***

U.S. Government (Option of Dual Credit through Colorado Christian University)

Grade: 12

Credit: 0.5 (1st Semester); College credit: 3 hours (\$200 fee required for college credit)

Prerequisites: None

This one-semester college level course is a comprehensive and detailed look at the critical institutions and documents of our democracy. Emphasis is placed on current events and political analysis. Students explore topics with a variety of methods including lectures, critical reading, panel discussions, Socratic seminars, and free-response essay writing. Successful completion of the course will result in 3 hours of college credit through Colorado Christian University.

Economics (Option of Dual Credit through Colorado Christian University)

Grade: 12

Credit: 0.5 (2nd Semester); College credit: 3 hours (\$200 fee required for college credit)

Prerequisites: None

This one-semester college level course is a comprehensive and detailed look at the critical institutions and documents of our democracy. This one semester college level course will be an overview of both Microeconomic and Macroeconomic theory. Students will explore and learn to analyze economic policy in the United States, and how that policy relates to the global economy. Successful completion of the course will result in 3 hours of college credit through our partner university, Colorado Christian University.

Science

Biology

Grade: 9, 10

Credit: 1.0 (Full Year)

Prerequisites: None (usually taken freshman year)

This course is an introduction to the science of life and the God of creation. Topics covered are cellular biology, genetics, taxonomy, microbiology, botany, zoology, and human anatomy. Special attention is given to the Biblical perspective on related issues like evolution, genetic engineering, etc.

Physical Science

Grade: 9, 10

Credit: 1.0 (Full Year)

Prerequisites: None (usually taken sophomore year)

This world is big, it is beautiful, and it is complex. In this course students will explore the mechanics and dynamics of natural phenomena that occur in this world God has created. An introduction to chemistry will include an in-depth look at the periodic table, matter, and radioactivity. By realizing the mechanics and dynamics of fluids, students will apply the processes to a variety of earth science concepts such as meteorology, hydrology, plate tectonics, and flight. An examination of major physics concepts will allow students to investigate Newton's law of motion and apply the laws by designing and describing simple machines.

Chemistry

Grade: 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Physical Science or equivalent

This course is a one year survey of general chemistry. The purpose of the class is to show students that the created world in which we live is governed by the patterns and rules which point to our Creator. Topics will include atomic structure, states of matter, chemical reactions, thermodynamics, kinetics, equilibrium, electrochemistry, and acid-base chemistry.

Physics - Honors

Grade: 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Physical Science, Algebra I and II, or equivalents and/or permission of instructor.

This course will discuss the basics of Mechanics, Thermodynamics, Electricity and Magnetism, Optics, and Relativity. The course can simply be used as a high school science credit or as a precursor to AP Physics. Students will have the chance to learn through activities, labs, and hands-on experiments.

Anatomy and Physiology

(Option of Dual Credit through Colorado Christian University)

Grade: 12

Credit: 1.0 (Full Year); College Credit: 4 hours (\$200 fee required for college credit)

Prerequisites: Biology, Physical Science, and Chemistry or equivalents, and/or permission of instructor.

The human body is a beautiful showcase of God's design and organization. Its many parts operate in a carefully orchestrated manner with the primary goal of maintaining the body's health in an oftentimes unhealthy world. Throughout this course the students will learn the following: how the body is organized and its components operate; the three systems that cover, support, and move the body; the two systems that control body activities by way of communication; the generalized system that provides transportation and protection; the circulatory, cardiovascular, and lymphatic system; the systems of the body that are involved in metabolic processing – respiratory, digestive (nutrition), and urinary systems; and human development from the actual birth process through changes that occur in the body throughout life. Dissections, lab work, and field trips are required.

Advanced Biology (Option of Dual Credit through Colorado Christian University)

Grade: 12

Credit: 1.0 (Full Year); College Credit: 4 hours (\$200 fee required for college credit)

Prerequisites: Physical Science, Algebra I and II, or equivalents

This is a college level course.

The study of life is rooted in the human spirit through God's design. Biology is the scientific extension of this human tendency to feel connected to and curious about all forms of life. Students will examine closely how living things (organisms) work, the microscopic world of the fundamental units of organisms (cells), and into the submicroscopic realm of the molecules that make up those cells. This is an intensive study of Biology and a strong overview of the study of life. ***Offered on a rotational business.**

Fine Arts

*All classes are subject to level of interest.

Theater/Drama

Grade: 9, 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

This course introduces the fundamental skills of acting and play production. Students will learn the art of acting using a variety of scenes, acting styles, and genres of theater. This class will introduce skills for auditioning, stage movement, characterization, and script analysis. This class is performance class. Students will apply these skills through peer performances and critiques and then in a full scale production up to two times a semester. They will also learn to crew their performances. **NOTE: After school and some Saturdays rehearsals are required leading up to each performance. Dates are given at the beginning of each quarter.**

Technical Theater

Grade:
Credit: .5 (1st semester only)
Prerequisites: None

Students can also take this course if they are interested in the technical aspects of the theater. Students who want to pursue this avenue will learn lighting, sound, set construction, props, scene painting, publicity, costumes and make up. Students will be assigned technical duties for each production of the semester. This is a hands-on course. **NOTE: After school and some Saturdays are required leading up to each production. Dates are given at the beginning of each quarter.**

Musical Production

Grade: 9, 10, 11, 12
Credit: .5 (2nd semester only)
Prerequisites: For students who have auditioned and have been selected for a part in the play.

This class is for any student who has been selected to be a part of the Spring Musical. This includes those who are acting or are part of the technical crew for the musical. We will be using this time as rehearsal and preparation time for the 2nd semester show. Auditions for the musical and tech crew applications will be available in the fall.

High School Choir

Grade: 9, 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

This one semester course is a non-auditioned high school choir that consists of anyone who loves to sing and wants to be in a choir. Students will continue to develop their musicianship and performance skills. This choir will perform at concerts and select festivals. High School Choir will perform repertoire that consists of an array of musical styles. Students should be committed to working hard to advance their musicality.

Avenue North

Grade: 10, 11, 12 (9th by invitation)

Credit: Full Year

Prerequisites: High School Choir; audition required

Auditions:

This elective course is an auditioned ensemble consisting of sophomores, juniors and seniors. This elite group is derived from singers who are/were already involved in one or more high school choir classes. Strong musicality, ability to improvise, and contemporary style singing are all attributes necessary to be involved with this unique group. This is an advanced vocal ensemble and students will exhibit a high level of commitment. Students will develop excellence in vocal technique, as well as a broad knowledge and skill in music. There will be multiple individual and group performances throughout the year.

Worship Leadership

Grade: 9, 10, 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Solid vocal, instrumental or sound technology skills required; also requires a heart to lead worship.

A “worshipper’s heart” is required for students desiring to serve on the RCS worship team. This course is designed to train young people in how to use their gifts and talents in music or sound technology to lead their peers in worship. Students will participate in rehearsing music sets for chapel and will also learn more about Biblical leadership and the importance of worship.

Yearbook

Grade: 10, 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Permission of instructor

This student-led course focuses on the development and mastery of excellence in photography and journalistic writing and includes the tasks of planning, creating, selling, and distributing the school yearbook. This is a fantastic course for students interested in photography, journalism, business, or graphic design. Students will study professional photographic techniques as well as photo editing and manipulation. They will work to plan and design the book using an online software program and will write engaging journalistic copy to accompany photos. Finally, students will develop business skills in photographing events, interviewing participants, selling and recording ads and books, and working with advanced design software. This course is a two semester commitment.

Creative Writing

Grade: 9, 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: None

Creative Writing is a one-semester English elective. Throughout the semester, students will explore Six-Trait writing, the writing process, and various literary genres including personal narratives, short stories, description, and scripts. Students will produce their own interpretations of each genre and compile their work into a professional portfolio at the end of the semester. In addition to the portfolio, students will keep a daily journal. Additional products may include a literary magazine and a school newspaper, which will include news, features articles, sports, opinion editorials, and blogs.

Band

Grade: 9, 10, 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Experience on an instrument and instructor approval

This course is for experienced musicians who have a desire to continue their learning experience by exploring classical and contemporary band literature. The students will have opportunities to perform in school programs and in public venues.

Jazz Band

Grade: 9, 10, 11, 12

Credit: 0 (0 hour)

Prerequisites: Experience on an instrument and instructor approval

This course is for experienced musicians who have a desire to continue their learning experience by exploring classical and contemporary band literature. The students will have opportunities to perform in school programs and in public venues.

AP Music Theory

Grade: 11, 12

Credit: 1.0

Prerequisites: None

This course will correspond with two semesters of a college introductory music theory course. Students will focus upon the development and study of compositions, music analysis, and aural and sight singing skills. Students will use their performance medium (instrument or voice) to understand the topics covered. AP Music Theory will emphasize important aspects of music essential to students interested in college level music, music composition/learning to write music, music analysis and the ability to understand the inner workings of music.

Basic Design

Grade: 9

Credit: 0.5

Prerequisites: None

This course is designed for freshmen as a prerequisite introduction and foundation for further studies in high school art. Students will explore the elements and Principles of Design in 2D and 3D media: drawing, painting, printmaking, collage, cardboard, and clay. This course will expose students to a variety of artists, art styles, and art vocabulary building dialogue to critically analyze their work and the work of others. Students will keep a sketchbook and be required to complete about one hour of homework each week. Each student will also complete and present one power point on an artist or art movement to the class.

2D Art I & II

Grade: 9, 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: Basic Design

These two classes will explore different drawing and painting mediums along with some printmaking. Our approach will be academic with an emphasis on understanding and implementing the Elements and Principles of Design. Teaching the foundations of realistic

drawing and painting will be a priority. For Art History each student will do a power point presentation on a different artist or art movement. Over a two year cycle we will cover the history of art from Medieval to Modern Art. Assignments will vary in emphasis on skill development and creativity. Encouraging creative expression and processing art, life, and culture through the lens of a Biblical worldview will be woven into the fabric of all art classes at RCS.

3D Art I & II

Grade: 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: Basic Design or 2D Art I

These two classes will allow the student to explore the world of three-dimensional art, i.e. sculpture. Different approaches and mediums will be experienced through class assignments and presentations. The students will use both traditional and uncommon (found objects, trash, recyclable) materials (found objects, trash, recyclable) to create sculptural art work. The objective of understanding and implementing the Elements and Principles of Design will be emphasized. Wheel thrown and hand building will be used to create functional, non-functional, and abstract sculptural forms. Encouraging creative expression and processing art, life, and culture through the lens of a Biblical worldview will be woven into the fabric of all art classes at RCS.

Advanced Drawing I & II

Grade: 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: 2D Art I & II

These semester classes will engage the serious art student on a rigorous advanced level of using various drawing mediums and techniques; pencil, pen, charcoal, conte, and ink wash. The student will become familiar with the historical and cultural significance of different drawing mediums. The student will learn the professional method of presenting drawing art for display. The class will include the following: Studies and papers on important artists and art movements, a power point presentation of an important artist, one on one instructor critique, visiting museum and/or gallery shows and exhibitions and entering art work in state, regional or national level juried exhibition. Encouraging creative expression and processing art, life, and culture through the lens of a Biblical worldview will be woven into the fabric of all art classes at RCS.

Fall Semester: Help in planning, preparation and hanging of “Art for Water” Art Show and Sale. (November)

Spring Semester: Help in planning, preparation and hanging of ACSI Regional Art Festival (April)

Advanced Painting I & II

Grade: 11, 12

Credit: 0.5 (Semester)

Prerequisites: 2D Art I & II

These semester classes will engage the serious art student on a rigorous advanced level of using various drawing mediums and techniques; pencil, pen, charcoal, conte, and ink wash. The student will become familiar with the historical and cultural significance of different drawing mediums. The student will learn the professional method of presenting drawing art for display. The class will include the following: Studies and

papers on important artists and art movements, a power point presentation of an important artist, one on one instructor critique, visiting museum and/or gallery shows and exhibitions and entering art work in state, regional or national level juried exhibition. Encouraging creative expression and processing art, life and culture through the lens of a Biblical worldview will be woven into the fabric of all art classes at RCS.

Fall Semester: Help in planning, preparation and hanging of “Art for Water” Art Show and Sale. (November)

Spring Semester: Help in planning, preparation and hanging of ACSI Regional Art Festival (April)

Advanced Sculptural Art I & II

Grade: 11, 12

Credit: 0.5 (Semester)

Prerequisites: 3D Art I & II

These semester classes will engage the serious art student on a rigorous advanced level of using various sculpture mediums and techniques; clay, paper, cardboard, plaster, found objects and recyclable materials. In clay the students will work on the wheel and use hand building techniques to create both functional and non-functional or abstract sculptural pieces. The student will become familiar with the historical and cultural significance of different sculptural mediums. The student will learn the professional method of presenting sculptural art for display. The class will include the following: Studies and papers on important artists and art movements, a power point presentation of an important artist, after school personal critique, visiting museum and/or gallery shows and exhibitions and entering art work in state, regional or national level juried exhibition. Encouraging creative expression and processing art, life, and culture through the lens of a Biblical worldview will be woven into the fabric of all art classes at RCS.

Fall Semester: Help in planning, preparation and hanging of “Art for Water” Art Show and Sale. (November)

Spring Semester: Help in planning, preparation and hanging of ACSI Regional Art Festival (April)

The Art of Photography

Grade: 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: Basic Design or 2D Art I

In this course students will explore photography from an artistic point of view with the objective of being able to take better photographs with whatever camera or phone camera they have. Students will learn and understand how to use the elements and principles of design when planning and taking photographs. Students will also become familiar with the history of photography and how it has evolved into what it is today. Students will have weekly photo assignments and will keep a daily “photo journal”. Each student will also complete and present one Power Point on an artist photographer to the class.

Creativity

Grade: 10, 11, 12

Credit: 0.5

Prerequisites: Basic Design or one other art class

In this course students will explore the experience and process of creativity with the objective of becoming more creative in all of their artistic endeavors. Students will use various mediums both 2D and 3D to create art that is personal and original. Students will be

encouraged through class assignments to break out of their artistic “comfort zone”. They will learn and understand how to think and create “outside the box” of what is normal or expected. Students will practice “lateral creative thinking” to solve artistic problems and produce work beyond what they thought possible. Every student will be required to keep a “creative journal” during the semester. Each student will also complete and present one power point about a creative person to the class.

Link Crew (Peer Mentor-ship and Discipleship Training)

Grade: 11, 12

Credit: 1.0

Prerequisites: By invitation through interview

Link Crew Class will equip upperclassmen in the area of small group leadership and peer mentoring in order to prepare them not only to work with the incoming freshmen class but also to be involved in small groups and discipleship relationships beyond the classroom. We will examine Jesus' model for discipleship, as well as discuss practical strategies for leadership in this area.

French Culture

Grade: 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: None

The French Culture course will introduce students to the francophone world through cultural icons such as the baguette, the Eiffel Tower, and Chanel no. 5; through hands-on activities such as preparation of French cuisine and analysis of French art; and through the interpretation of world history and philosophy through a French lens.

Technology

Basic Video Production

Grade: 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: Introduction to Multimedia or instructor approval

This semester course launches students into the world of video production. Students will learn how to edit video through various programs, adding exciting introductions, subtitles and audio.

Video Production II

Grade: 10, 11, 12

Credit: 0.5 (Semester)

Prerequisite: Intro to Multimedia; Basic Video Production

In this class, students will not only work to produce RCS news programs, but will also get the chance to write their own compelling feature and news stories. Students will also create Podcasts to hone their audio editing skills.

Introduction to Multimedia

Grade: 9, 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

This one-semester course is designed to prepare students for success as they journey through high school and beyond. Utilizing many of the project-based learning philosophies, this course introduces students to basic video editing, simple Flash 3.0 animation, audio recording and storytelling, and advanced use of Microsoft PowerPoint, as students conclude the class with a presentation of their multimedia portfolio. Coursework also integrates the use of databases, such as Microsoft Access, and introduces students to desktop publishing through open-source Scribus. Students will be required to reflect on their success through a weekly blog.

Mastery of HTML

Grade: 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: Introduction to Multimedia or instructor approval

This one-semester course opens the door of opportunity for any blossoming web designer as students dive into the realm of HTML5. Students will gain a basic to advanced knowledge of the primary DNA for the worldwide Web including photo manipulation, and programming skills through coding HTML. Students will be required to create engaging and eye-popping pages using only Notepad and relying on their newfound knowledge of Hyper Text Markup Language.

Pre-AP Computer Science

Grade: 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: HTML

Pre-AP Computer Science is an introductory course that will help students acclimate to the world of AP Computer Science. Students will be introduced to basic Java programming principles, write sample programs, and begin a successful journey towards gathering college credit for AP Computer Science. Students will learn key concepts needed for the AP CS course.

AP Computer Science (Foundations of Java)

Grade: 10, 11, 12
Credit: 1.0 (Full Year)
Prerequisites: Introduction to Multimedia, HTML, or instructor approval

The Advanced Placement Program offers a course and exam in introductory computer science. The course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development, and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design, and abstraction.

Robotics I

Grade: 10, 11, 12
Credit: 1.0 (Full Year)
Prerequisites: Introduction to Multimedia

Robotics I will introduce students to the basic concepts of engineering and robotics through the use of Vex Robotics. Students will be introduced to AutoDesk Inventor while learning mechatronic principles, and will be able to use the VEX robotics kits to construct robots in small teams.

Robotics II

Grade: 10, 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Robotics I

Robotics II offers students who are interested in furthering their engineering and robotics knowledge a chance to add the RobotC programming language to their toolbox. Through the RobotC language, students will build more in-depth and advanced robots and use RobotC to make their inventions perform various tasks.

Personal Finance

Grade: 9, 10, 11

Credit: .5 (Semester)

Prerequisites: Advanced Computer

Through guest speakers and live simulations, learn to master the art of money management and the secret to wealth. This is an award winning program that turns learning into action as you learn to create your own budget, financial, saving and investments plans. The stock market program includes the Stock Market Game sponsored by the Colorado Council for Economic Education where teams throughout Colorado compete against one another to achieve the highest net worth. Teams are issued \$500,000. In mock stock to invest in 26 fictitious companies. Each trading day lasts sixty seconds – two months of trading are condensed into one exciting afternoon. On-site traders with PDA's make buying and selling instantaneous, so trading is fast, furious and fun. Winners are awarded cash prizes.

Work-Study

Grade: 12

Credit: .5 (Semester)

Prerequisites: None

The Work-Study program offers eligible seniors at RCS an opportunity to earn high school credit and gain experience in a chosen profession or industry. These students will represent the high standards of RCS, maintain a quality relationship with the participating business, plan to pursue post-secondary education or a career in the assigned setting, and are able to log a minimum number of hours in an unpaid internship with the employer during one semester. Students selected for the program will be placed in an internship related to their career goal and will submit weekly update and time reports to the Course Instructor. The course will support students as they develop 21st Century foundational workplace skills.

Foreign Language

Spanish I

Grade: 9, 10, 11

Credit: 1.0 (Full Year)

Prerequisites: None (highly recommended to take during freshman year)

This beginning Spanish course explores a wide range of vocabulary and basic grammar structures. Students are encouraged to use

descriptive adjectives, express likes and dislikes, and learn to ask and answer questions. Students will also be introduced to cultural perspectives on topics relevant to Spanish-speaking countries. RCS 8th graders who successfully complete Spanish I will take Spanish II as a 9th grader; however the high school transcript will not show Spanish I credit. These students will take Spanish II and III in high school.

Spanish II

Grade: 10, 11, 12
Credit: 1.0 (Full Year)
Prerequisites: Spanish I

This intermediate Spanish course adds to the vocabulary learned in Spanish I and incorporates the use of past verb tenses, allowing students to express information about past experiences. Students will continue to explore cultural perspectives on Spain and Latin America.

Spanish III

Grade: 11, 12
Credit: 1.0 (Full Year)
Prerequisites: Spanish II

This course explores a variety of more advanced grammar structures such as irregular verbs and giving commands. Students are encouraged to express opinions, critique works of art, and give suggestions using the subjunctive mood. Students will continue to explore cultural perspectives on Spain and Latin America.

Spanish IV (Advanced/Dual Credit through Colorado Christian University)

Grade: 11, 12
Credit: 1.0 (Full Year) College Credit: 3 (\$200 fee required for college credit)
Prerequisites: Spanish III

Spanish IV is conducted entirely in the target language. Students will work on improving their fluency in speaking, reading, writing, and listening comprehension. This course will explore advanced use of grammar and will emphasize student expression and communication in the Spanish language. Students will be introduced to Spanish and Latin American literature and will learn to analyze literature in written and spoken form. Students will continue to explore cultural perspectives on Spain and Latin America.

Physical Education

Weight Training

Grade: 9, 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

This course is for students that want to increase and maintain strength conditioning and will also allow students to participate in

various team sports. Individual training sessions will be assigned for all students. Therefore the class will involve beginning lifting and sports that may include, but are not limited to, soccer, softball, flag football, lacrosse, volleyball, basketball, and team handball. Cooperative learning, participation, and sportsmanship must be demonstrated by all students.

Advanced Weight Training

Grade: 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: Previous experience in weights.

Advanced Weight Training offers students a highly accelerated training system that will incorporate all facets: speed, lateral quickness, explosive power, and strength. This class will challenge even the most gifted students. It is suggested that participants have a background in training prior to taking this class. Grades will be determined by advanced standards.

Women's Fitness

Grade: 9, 10, 11, 12

Credit: 0.5 (P.E. credit)

Prerequisites: None

In this course we will explore yoga, self-defense, and differing styles of dance including Zumba. We will also study nutrition and wellness. Students will lead workouts for their classmates and have an opportunity for fellowship with other ladies.

Athletics

Grade: 9, 10, 11, 12

Credit: 0.5 (P.E. credit)

Prerequisites: None

One semester credit (.5) is given for each sport successfully completed. Student must letter and/or receive a certificate of participation from the RCS Athletic Department

Health

Grade: 10, 11, 12

Credit: 0.5 (Semester)

Prerequisites: Biology

In this course you will prepare for your future by learning how to make good choices on those critical health issues that you will face in college and your near future. Explore the principles of W.A.I.T. training: a Bible based curriculum, meaningful relationships, what God's word says about sexuality, friendships, abstinence, steps of intimacy, etc. Other topics covered in this course include identifying your strengths and needs, substance use and abuse, tobacco, alcohol, and drugs, and Red Cross CPR/AED/First Aid training with the option of earning a Red Cross certificate.

Electives

*All electives are on a rotation basis and subject to level of interest

Introduction to Psychology (on a rotational basis)

Grade: 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

Human behavior and its connection to brain function is consistently one of the most fascinating and complicated topics within Social Science. This one-semester course is designed to give students an overview of major theories and practices in the various psychological fields including abnormal, developmental, intelligence theory, neuroscience, personality theory, and social psychology. By integrating a Christian focus, students will be able to examine morals and ethics involved in this science; while incorporating Christian methodology into the study of the mind and behavior.

Introduction to Sociology (on a rotational basis)

Grade: 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

This one semester course is a basic introduction to the theory and methods of sociology, including culture and interactions, group organization, urbanization, and social movements.

Street Law

Grade: 9, 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

This one semester course will cover topics in the theory and practice of the American legal system in contemporary America. Students will explore the components of American law, commonly used legal terms, civil rights, and the trial process, and participate in mock trials.

Fly Fishing in Colorado

Grade: 9, 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

We are blessed in Colorado to have an abundance of fishable water all around us and a variety of species of fish that offer a year round sport to all. In this class we will cover a variety of topics regarding fly fishing, casting, entomology (aquatic insects), fly tying and types of water around Colorado that offer fishing. Students will work both inside and outside the classroom to learn about different species of fish, insects and aquatic food sources of fish, river and lake structure, and how to cast and fish the waters of Colorado. Open to all levels of skill from beginner to advance.

Outdoor Life

Grade: 9, 10, 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

This class is designed to help students better understand, enjoy, utilize, and care for God's creation. Using a variety of in and out of classroom experiences, students will learn concepts such as; Creation care, basic plant and animal identification, outdoor safety, basic survival techniques, etc...

Woodworking

Grade: 11, 12
Credit: 0.5 (Semester)
Prerequisites: None

This will be an exploratory course in the field of woodworking. The course will cover tools, techniques, projects and skills to help any level of woodworker be more successful or build a passion. Students will cover a variety of techniques, projects and skills over a series of projects done throughout the class. They should have a basic set of hand tools for the class along with a desire to learn, explore and build. This will be a fun, yet focused class.

Teacher Assistant (TA)

Grade: 11, 12
Credit: 0.5 (Semester)
Prerequisites: Permission of instructor and administration

Student is assigned for one semester to a teacher(s) or staff member to specifically assist in a number of possible ways: lesson preparation, bulletin boards, tutoring, arts and crafts, office needs (copying, cutting, compiling, etc.), etc. Students who want to be teacher assistant will have a mandatory interview with a high school administrator before final approval is given.

Student Success & College Prep

Freshman Seminar

Grade: 9
Credit: 1.0
Prerequisites: None

This class is designed to assist Freshman level students with their transition into high school, to alleviate the anxiety that naturally occurs at this time, and to provide an academic and emotional support system. With a team of teachers from every core department, students will be instructed on the skills necessary to experience a successful first year of high school. In addition, students will have a support team in place to help them navigate any challenges they experience in their Freshman year from tutoring of academic subjects to emotional support. Topics of instruction will include various note-taking techniques, time management, organization, identifying learning styles, identifying temperaments, learning to advocate for one's self, conflict resolution, and various reading comprehension techniques. This course will also introduce students to the various social activities of high school including the CCR (Crooked Creek Ranch) retreat, Spirit Week, and the Homecoming dance to alleviate any anxieties and correct any misconceptions they may have.

ACT/College/Career Prep

Grade: 11

Credit: 1.0

Prerequisites: None

The College Prep course prepares students for those all-important steps as they leave the RCS hallways by dividing the curriculum into four focused areas: applying to college, career planning, ACT and SAT test preparation, and college writing. During this year long course, students will assemble a cumulative portfolio, prepare professional-quality cover letters and resumes, participate in simulated employment interviews, strengthen ACT and SAT test-taking skills, and develop college-level writing techniques.

Senior Capstone

Grade: 12

Credit: .5 (per year)

Prerequisites: None

The Senior Capstone and Missions class is designed to walk our seniors and parents through the college application process with the least amount of stress possible. This includes completing the Common Application together, writing their college application essays, applying for scholarships, and writing their scholarship essays.

The senior mission trip is a graduation requirement and takes place the week of Spring Break of senior year. The seniors will learn about missions work in “Missions and Evangelism” Bible class and during “Senior Capstone”, so that they are prepared to serve & share their faith in an impoverished environment. Each year, the destination for the next mission trip is determined. Previous senior class served in Guatemala, Belize, and Mexico.