

# **RCS**

## **Course Description Catalog**

### **High School (9th-12th Grades)** **2018-2019**

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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 credits Social Studies

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

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)

0.5 credit Fine Arts

2 credits Foreign Language (must be same language)

0.5 credit College Prep Class

.5 credit Technology

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

.5 credit Health

0.5 credit Physical Education

(.5 year credit/sport successfully completed at RCS; up to 1 year credit for sports participation at RCS)

1 credit 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

## Old Testament Survey

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: Old Testament Survey

First, this course provides an overview of the life of Christ as seen through a chronological synthesis of the four Gospels that highlights the works and words of Jesus. Second, this course provides a basic overview of the books of the New Testament (Acts – Revelation) and the historical circumstances surrounding these writings.

## World Religions and Hermeneutics

Grade: 11  
Credit: 0.5 (semester)  
Prerequisites: Old and New Testament Survey

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.

## Biblical Ethics

Grade: 11  
Credit: 0.5 (semester)  
Prerequisites: Old and New Testament Survey

To understand the overall ethic of contemporary Western Culture in contrast to the Biblical ethic of Christianity. Students will begin to understand and formulate a Biblical ethic and learn how a Biblical ethic is consistent with and a natural outgrowth of a Biblical worldview. Students will be challenged to think critically and with discernment ethically, while being challenged to live a “pro-active” Christianity, as those who will make a positive and redemptive impact on their culture.

## **Redemption in Scripture**

Grade: 12

Credit: 0.5 (semester)

Prerequisites: Old and New Testament Survey

An intensive study of significant events in the Old and New Testament narrative which reveal God's desire for justice and mercy. A close look will be taken at the Old Testament feasts and prophets and the New Testament book of Acts and how they communicate God's heart for redemption. Students will be able to explain the redemptive meanings of the Old Testament feasts, law and prophets, and how the early church practiced them as seen through the person of Christ.

## **General Theology**

Grade: 12

Credit: 0.5 (semester)

Prerequisites: Old and New Testament Survey

In this course you will survey the major divisions of theology. 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 and why. The student will be able to engage in an informed and respectful discussion about Christian distinctives.

## **Introduction to Systematic Theology (dual credit option)**

Grade: 12

Credit: 0.5 (semester)

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 course will be heavily focused on the student striving to formulate his or her own theological position regarding these divisions of theology.

# **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 – Classical to Modern British Literature**

Grade: 12

Credit: 1.0 (Full Year)

Prerequisites: English 11 or equivalent

This course revolves around discussion and analysis of major movements, genres, authors, and works with their cultural contexts from 700 to present day. This course will examine the developments in British literature by tracking the following major periods; Medieval, Renaissance, Restoration, Romantic, Victorian, and Modern. This course will include, but is not limited to, authors such as Chaucer, Marie de France, Malory, Spenser, Donne, Milton, Marlowe, Shakespeare, Swift, Wollstonecraft, Blake, the Wordsworths, Coleridge, Keats, the Shelleys, Dickens, Shaw, Wilde, Woolf, Heaney, and Lewis.

## **AP Literature**

Grade: 11 or 12

Credit: 1.0 (Full Year)

Prerequisites: English 10 or equivalent; Admin approval and pre-assessment required (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; Admin approval and pre-assessment required.

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 types of public speaking 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, demon-stration, informative, devotional, and persuasive speaking with the intent of improving their own personal public speaking abilities.

## **Speech & Debate – Opportunity for honors credit per instructor approval (\$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.

## College Algebra

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**

Grade: 12

Credit: 1.0 (Full Year)

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**

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**

Grade: 11

Credit: 1.0 (Full Year)

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**

Grade: 12

Credit: 0.5 (2nd Semester)

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.

# **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.

## **Environmental Science**

Grade: 11, 12

Credit: 1.0 (Full Year)

Prerequisites: Biology, Chemistry

This biology-based science course focuses on the study of the relationships of the natural world and relationships between organisms and their environments.

## **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 (1<sup>st</sup> 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 (2<sup>nd</sup> 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 2<sup>nd</sup> semester show. Auditions for the musical and tech crew applications will be available in the fall.

## High School Concert 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. High school ensembles will be created from concert choir.

## **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: 9, 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.

## **Symphonic 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 (based on interest level)**

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 (based on interest level)**

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.

## **Dance**

Grade: 9, 10, 11,12  
Credit: 0.5  
Prerequisites: None

Dance is a semester elective that can be taken for a fine arts, PE, or elective credit. This course will introduce students to ballet and jazz dance forms. Students will learn various technical components of ballet and jazz while gaining awareness of the body, building physical, aesthetic, and performance skills, and gaining an appreciation for dance as an art. Half of the time will be spent mastering beginning ballet movements, positions, vocabulary, and Barre and the other half will be spent mastering the beginning fundamentals of jazz, including floor work and adapting ballet technique to jazz. Students will be introduced to choreography and will be expected to choreograph a short dance as their final project. Students must provide ballet shoes, black t-shirt and leggings. "If you dance with your heart, your body will follow." – Mia Michaels

## **Link Leadership**

Grade: 11, 12  
Credit: 0.5  
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.

# **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.

## **ThoughtShop**

Grade: 9, 10, 11, 12  
Credit: 0.5  
Prerequisite: Intro to Multimedia

The ThoughtShop is a one-semester course designed to allow students to pursue their passions while connecting with one another through collaboration and honing their 21<sup>st</sup>-century skills. Students will discover new ideas and techniques through exploration, tinkering, building, brainstorming and sharing. The class will ask students to identify a project they are passionate about and then ask them to work on completing that project. The class will be graded on a pass/fail basis but all work must be completed and turned in to receive a passing mark.

## **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.

# **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 8<sup>th</sup> graders who successfully complete Spanish I will take Spanish II as a 9<sup>th</sup> 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.

## **Dance**

Grade: 9, 10, 11, 12

Credit: 0.5

Prerequisites: None

Dance is a semester elective that can be taken for a fine arts, PE, or elective credit. This course will introduce students to ballet and jazz dance forms. Students will learn various technical components of ballet and jazz while gaining awareness of the body, building physical, aesthetic, and performance skills, and gaining an appreciation for dance as an art. Half of the time will be spent mastering beginning ballet movements, positions, vocabulary, and Barre and the other half will be spent mastering the beginning fundamentals of jazz, including floor work and adapting ballet technique to jazz. Students will be introduced to choreography and will be expected to choreograph a short dance as their final project. Students must provide ballet shoes, black t-shirt and leggings. "If you dance with your heart, your body will follow." – Mia Michaels

## **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 at RCS. 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**

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**

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.

## **Creative Innovation**

Grade: 9  
Credit: 0.5 (Semester)  
Prerequisites: None

This course poses project-based challenges that require collaboration and teamwork in order to create and design solutions. This is a hands-on, problem-solving course, similar to Destination Imagination.

## **Personal Finance**

Grade: 9, 10, 11  
Credit: 0.5 (Semester)  
Prerequisites: Intro to Multimedia

Through guest speakers and live simulations, students 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.

## **Business Internship (Honors)**

Grade: 12

Credit: 0.5 (Semester)

Prerequisites: None

The business internship 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 21<sup>st</sup> Century foundational workplace skills.

## **Intro to Athletic Training and Sports Medicine**

Grade: 11, 12

Credit: 0.5 (second semester)

Prerequisites: Biology and Health

The introduction to athletic training and sports medicine course is designed to provide students with an understanding of the history and basic concepts related to athletic training and sports medicine from a Christian perspective. The human body is the pinnacle of God's work and thus very complex. This course focuses on introductory information about the athletic trainer's scope of practice: legal and ethical considerations, administrative functions, anatomy and physiology, and common musculoskeletal conditions. This course is intended to help students gain an understanding of sports medicine, various associated disciplines and the role they play in the physically active community. Students enrolled in this class will not provide patient care but will have the opportunity to spend some time in the athletic training room and other health care settings.

## **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: 0.5

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. Students will also begin the process of college and career exploration.

## **ACT/College/Career Prep**

Grade: 11

Credit: 0.5

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: 1 (Full Year)

Prerequisites: None

There are four major focuses in this course: First, the senior capstone 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.

Secondly, this class will prepare them for the senior mission trip. The senior mission trip is a graduation requirement and takes place the week of Spring Break of their senior year. The seniors will learn about missions work 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 classes have served in Guatemala, Belize, and Mexico.

Third, this class is also designed for discovering and pursuing God's purpose and calling. Using the Bible to provide insight, students will learn to use guiding sources to discover overriding purpose in life.

Fourth, students will research and contact campus ministries at colleges they are pursuing. As they prepare to leave home and attend college, RCS believes it is important to know of Christian support services that are available on college campuses.