



FRONT RANGE

CHRISTIAN SCHOOL

**Junior/Senior High School
Academic Course Catalog
2012-2013**

6637 West Ottawa Avenue
Littleton, Colorado 80128
(303) 979-4582

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Graduation vs. High Education Admission Requirements (HEAR)

Students must earn 26 credits in grades 9-12 to graduate from Front Range Christian School. In order to earn a diploma from FRCS, students must complete all track requirements from FRCS (courses taken outside of Front Range Christian will only be considered for credit if approved by high school administrator).

The Colorado Commission on Higher Education has revised the Admissions Standards Policy for 4-year, in-state, public universities. For additional information on these standards, please consult their website at <http://www.state.co.us/cche/>.

FRCS GRADUATION TRACK REQUIREMENTS Class of 2013

Honors Track Requirements

Subject	Credits
Bible **	4
Math	4
Social Sciences	4
Language Arts	4
Natural Sciences	4
Physical Education	0.5
Foreign Language (through level 3)	2
Fine Arts (Speech required)	1.5
College/Career Planning	0.5
Practicum ***	1
<u>Electives or Work Study</u>	<u>1.5</u>
Total Carnegie Credits	26.0

Student must complete at least 4 Honors/AP/CCP courses; at least 1 must be AP/CCP. The student must graduate with a weighted GPA of 3.5 or higher.

College-Prep Track Requirements

Subject	Credits
Bible **	4
Math	4
Social Sciences	4
Language Arts	4
Natural Sciences	4
Physical Education	0.5
Foreign Language (through Level 3)	2
Fine Arts (Speech required)	1.5
College/Career Planning	0.5
Practicum ***	1
<u>Electives or Work Study</u>	<u>1.5</u>
Total Carnegie Credits	26.0

Standard Track Requirements

Subject	Credits
Bible **	4
Math*	3
Social Science	4
Language Arts	4
Natural Sciences	4
Physical Education	0.5
Foreign Language (through level 2)	1
Fine Arts (Speech required)	1.5
College/Career Planning	.5
Practicum***	1
<u>Electives or Work Study</u>	<u>3.5</u>
Total Carnegie Credits	26.0

** Must complete through Algebra 2. Three math credits will not meet university requirements for any Colorado university. Colorado universities now require 4 math credits.*

*** Students must complete 1.0 credits of Bible for every year they attend FRCS.*

**** Students must complete 0.25 credits of practicum for every year they attend FRCS.*

Valedictorian and Salutatorian Selection

Valedictorian/Salutatorian honors are awarded 2nd semester based on the most current, available course grades. The valedictorian will be the senior student with the highest weighted cumulative grade point average (GPA). The Salutatorian will be the senior student with the second highest weighted GPA. To be eligible for these honors, a student must carry 5 core classes each semester of their senior year (equivalent to 2.5 Carnegie credits per semester).

Transcripts

Official transcripts can be requested from the main office. A request form can be obtained from main office or from the college guidance center.

Transcripts reflect grades on a semester basis, cumulative GPA (weighted and unweighted), ACT and/or SAT test scores (only those scores that you designate will be reflected), and honors and accomplishments. Honors and accomplishments are only reflected if they are reported to the main office staff. An accomplishment form may be picked up from the main office.

Transfer Credits

Once a student begins at FRCS, transfer credits for classes taken outside of FRCS are only available on a very limited basis. For example, sometimes a student transfers in with a history of French, which we do not offer. Because of the difficulty of making up those credits in Spanish, we have allowed students to take French outside of FRCS. There is a \$10 nonrefundable processing fee with this application and the application is due 2 weeks **prior to the start of the fall semester**, or 2 weeks **prior to the end of fall semester** for a spring semester class. Ultimately, it is the responsibility of the student (family) to make sure all necessary information/documentation is turned into FRCS by the required deadlines. The following guidelines must be followed in order for a student to earn credits outside of FRCS.

- A signed FRCS Transfer Credit Application.
- The \$10 nonrefundable processing fee.
- Documentation for enrollment in the class must be presented prior to the start of school. This documentation must include a course description with a breakdown of the number of hours the student is expected to spend in this course and a direct contact person for this course.

All transfer credit courses must be pre-approved by the Leadership Team. Again, this is awarded on a very limited basis and only when the necessary credits cannot be earned with the classes that FRCS offers.

Class Rank

Class rank is a relative standing of a student in their class and is determined by weighted cumulative grade point average (GPA). Only full time students are awarded a ranking.

“Open” Periods

All students in 7th through 11th grades are required to carry a full class load meaning they do not have any “open” periods. 12th grade students alone are allowed to have “open” periods if they have met all their graduation requirements. During “open” periods seniors may leave campus if they sign out at the front desk. Upon return to school, seniors must then sign in.

Credit

Students earn credit for classes by earning a passing grade of “D; 60%” or higher; however some selective colleges do not recognize a grade of “D” as passing. Typically, core day classes (Monday, Tuesday, Thursday, and Friday) are worth 0.5 credits per semester and Wednesday-only classes are worth 0.25 credits per semester. Junior high students can not earn high school credit for taking high school classes. For example, some 8th grade students will take Algebra and Geometry 1, a high school course; however, they will still be required to take 4 credits of math during their high school years. This applies to Spanish 1 as well.

Honors /Advanced Placement (AP)/Concurrent Credit Program (CCP)

All advanced classes are offered on the premise that there are a sufficient number of students interested and qualified to fill the class. In order for a student to be admitted into an Honor, AP, or a CCP class, they must meet the following criteria:

- Attend a FRCS informational meeting in the spring prior to submission of the class.
- Be recommended for the class by their current teacher for that subject
- Consistently hold an A in the subject matter of the requested Honors, AP, or CCP class
- Have a GPA of 3.0 or higher (this does not apply to incoming Freshman)
- Demonstrate the maturity to handle the increased work load that accompanies an Honors, AP, or CCP class.
- Have a steady history of strong attendance without being tardy.

Advanced Placement (AP) vs. Concurrent Credit Program (CCP)

AP courses are courses that afford students an opportunity to earn college credit for a course taken in high school. AP courses follow a very rigorous curriculum and students should expect a greatly increased work load. In May, the student takes a Nationally prepared AP exam. If they score high enough on the exam, they may earn college credit for the exam. A minimum score of 3 and sometimes 4 out of 5 is required by most colleges to grant credit for the course.

CCP courses are similarly very rigorous and demand an increased work load on the student. If the student successfully passes the course, they will receive credit from University or College that the course has been approved through. Students who take a

CCP course must request an official transcript from the University or College that the course was taken through to transfer for official credit to a University or College.

Students will be expected to purchase their own books for both the AP and CCP courses. The approximate fee for the CCP courses range from \$110 to \$200 per college credit hour. These classes usually count for 3 credit hours/per year. Students enrolled for AP exams will be required to pay for the AP Exam fee (approximately \$90) and books (usually around \$90 for books).

Cumulative Grade Point Average (GPA)

GPA is the average obtained by dividing the total number of grade points earned in high school courses by the total number of grade points attempted. Weighted grades for successful completion of Advanced Placement (AP) or Concurrent Credit Program (CCP) courses and Honors classes are factored into this calculation. Front Range Christian School uses a 4.0 scale as follows:

Standard Classes	AP/CCP Classes	Honors Classes
A = 4.0	A = 5.0	A = 4.25
B = 3.0	B = 4.0	B = 3.25
C = 2.0	C = 3.0	C = 2.25
D = 1.0	D = 1.0	D = 1.0
F = 0	F = 0	F = 0

Weighted Grades

Weighted grades are awarded to students in AP or CCP classes and Honors classes. It is a reflection of the additional workload required for these courses beyond the normal level of difficulty for high school courses.

NCAA Eligibility Requirements

Athletes who intend to enroll in a Division I or Division II college and participate in their athletic program must register and be certified by the NCAA Initial Eligibility Clearinghouse. The courses that have been approved by the NCAA have been designated in the course descriptions. More details can be seen at www.ncaaclearinghouse.net.

Core Units for NCAA Athletic Certification	
English	4 credits
Math (Algebra 1 and above)	3 credits
Natural Science (at least 1 lab course)	2 credits

Core Units for NCAA Athletic Certification	
Additional English, Math or Science	1 credit
Social Science	2 credits
Additional (World languages, non-doctrinal religion, philosophy)	4 credits
Total Core Units Required:	16 credits

Standardized Testing

All students will be expected to come to school on their scheduled standardized test day.

7th and 8th Grade Junior High Students will take the Terra Nova Test in the spring of each year.

9th grade: EXPLORE® program is designed to help 8th and 9th graders explore a broad range of options for their future. EXPLORE® prepares students not only for their high school coursework, but for their post-high school choices as well. It marks an important beginning for a student's future academic and career success. EXPLORE® is a predictor of how students will achieve on the ACT college admissions test.

10th grade: As a “pre-ACT” test, PLAN® is a powerful predictor of success on the ACT. At the same time, many schools recognize the importance of PLAN® testing for all students, as it focuses attention on both career preparation and improving academic achievement.

10th and 11th grade: PSAT®; the PSAT® is the annual practice test for the SAT national college entrance exam given in October and is used as the qualifying exam for the National Merit Scholarship program.

Add/Drop Policy

Students may add or drop courses through the second Friday of the semester if they have valid (written) reasons for the proposed change AND Teacher, Counselor, Principal and Parent approvals and signatures. Course fees may not be refundable or transferable. Classes dropped after the add/drop time are designated on Senior High Transcripts as “WP” (withdraw pass) or “WF” (withdraw fail) and student will not earn credit for the course. If new classes are added to student schedules after classes have already begun, students are responsible for making up all missed course work within the deadlines and parameters set by teachers.

Final Exam Policy and Schedule

Final exams are given to senior high students towards the end of each semester. Finals are customarily spread out over 2 days. These are usually half-days for senior high students only. All students are required to take finals in the classes that have finals.

Home School Option Program

Students may enroll part-time at FRCS. These students have the right to participate in sports, practicum, fine arts, and standardized testing with the following conditions:

- The student must be enrolled in at least one class per semester.
- Priority for lead roles in fine arts programs will be given to full-time students before part-time students.
- Priority will be given to full-time students for spots in practicum.
- Opportunities to participate in practicum are only on a “space available” basis.
- Part-time students may participate in our Standardized testing but will have to pay a fee to take the exam (Fees listed on yearly fee sheet).

Excessive Tardy/Absenteeism Policy

Excessive absenteeism may result in a loss of credit for the class, lowered or failing grade, parent/teacher/principal conference or dis-enrollment. Two (2) college visits per year are allowed to be counted as a Student Activity and therefore not count toward the total absences. *See the Parent-Student Handbook for details.*

Preparing for College: It's Never too Soon

Freshmen Year: Plan for the Future

- Register for courses in academic areas (English, Math, Science, Social Studies and Foreign Language) required for college entrance.
- Do well academically. Remember, 9th grade provides the first set of grade the college admission's officer will see.
- Explore your extracurricular opportunities and being to get involved: join clubs, participate in activities and volunteer for service organizations that match your interests.

Sophomore Year: Begin to Broaden your Experience

- Become involved and committed to a community service organization or project - or create your own.
- Deepen your involvement in several extracurricular activities. This will broaden your experience and help you build relationships with other student and faculty.
- Make sure you are on target with the right courses.
- Register for the PLAN test, which will help identify academic career interests. Take practice SAT – PSAT test.

Junior Year: Test and Inquire

- Take on leadership roles in extra curricular and community service activities.
- Enter the PSAT/NMSQT competition. Top scores can qualify for scholarships.
- Attend college fairs and workshops, and review college catalogues and guides.
- Take the spring ACT/SAT tests.
- Take the SAT II tests if required by colleges on your list.
- Visit college campuses during the summer break (or sooner).
- Consider summer jobs and volunteer work.
- Search for scholarships (summer prior to senior year).

Senior Year: Apply, Visit and Confirm

- Continue involvement and leadership in extracurricular activities and community service.
- Take/retake ACT/SAT or SAT II tests.
- Attend college fairs and workshops.
- Narrow college choices to three or four colleges, one of which is a “backup” in case the top choices do not work out.
- Apply for admission and establish relationships with admissions counselors at the schools you apply to.
- During the application process:
 - ▶ Prepare a personal essay.
 - ▶ Contact teacher/counselors about writing letters of recommendation.
 - ▶ Fill out a FAFSA form (January).
 - ▶ Apply for scholarships (each has its own deadline).
 - ▶ Consider admission offers, and confirm your intent to enroll.
 - ▶ Take Advanced Placement Tests.
 - ▶ Request that a final transcript be mailed to your college of choice.

Junior High School Course Descriptions

7th grade

- Old Testament Survey I
- Language Arts – 7th grade
- Saxon Course 2
- Life Science
- World History
- Fine Arts
- Physical Education

8th grade

- Old Testament Survey II
- Language Arts – 8th grade
- Algebra $\frac{1}{2}$ or Algebra 1
- Physical Science
- American History
- Fine Arts
- Physical Education

Bible

7th Grade – Old Testament I

This course surveys the content, message, historical background, critical issues, and key texts found in Genesis to Judges and the poetic and wisdom books. Journey with Israel through the wilderness and experience its conquest and settlement in the land. Listen to the poetry and song of Israel's psalms and consider their place in the ancient world. The goal is that students will become proficient at interpreting biblical texts, capable of engaging in dialogue about the biblical text, and motivated to apply biblical guidance to modern life.

8th Grade – Old Testament II

This course surveys the content, message, historical background, critical issues, and key texts found in the historical books and prophetic literature of the Old Testament. March to war with Israel's kings and mourn as Israel is led into exile. Contemplate the message of the prophets and consider their place in the ancient world. The goal is that students will become proficient at interpreting biblical texts, capable of engaging in dialogue about the biblical text, and motivated to apply biblical guidance to modern life.

Language Arts

Language Arts 7

- Grade Level: 7th
- Prentice Hall Literature: Bronze
- One year
- Core Class

During this course, students will mature in their reading, writing and thinking skills. They will read, analyze, write about and discuss short stories, drama, poetry, and novels by respected authors. Novels will include *The Outsiders*, and *Bearstone or Tom Sawyer* (pending approval). The 6 Traits of Writing will be used by students to evaluate their own writing including paragraphs, essays, and other fiction and non-fiction pieces. Grammar and usage topics will be reviewed through practice exercises and writing assignments. Students will be introduced to MLA guidelines for research and apply them in their comprehension of a major I-search project.

Language Arts 8

- Grade Level: 8th
- Prentice Hall Literature: Silver
- One year
- Core Class

This course will help students become more refined writers and readers by giving them practice in writing paragraphs and essays using the 6 Traits of Writing and analyzing short stories, drama, poetry, and novels. Students will also improve their grammar and spelling skills through practice exercises and writing assignments. Specific novels are

April Morning and The Pearl and the play The Diary of Anne Frank. Several mini-research projects will be assigned, with one major science research project coordinated between the Language Arts and the Natural Sciences departments. Students will review and apply APA and MLA guidelines for research.

Math

Math 87

- Grade Level: 7th grade
- *Math 87*, Saxon Publishers
- One year
- Core Class Status

This course is designed to strengthen a student's ability to accurately solve problems that are dealt with in all areas of general mathematics. Upon completion of this course, students should have moved from having only basic knowledge of primary-grade mathematical concepts to having a readiness for pre-algebra as there is development of reasoning and higher-level thought processes through the less that are taught. This transition is accomplished through incremental instruction (dividing concepts into small, easily understood pieces) and through continual practice (fundamental skills and concepts are practice and reviewed throughout the year).

Algebra 1/2

- Grade Level: 8th grade
- *Algebra 1/2*, Saxon Publishers
- One year
- Core Class Status

This course is designed to automate a student's upper level skills of arithmetic while gently introducing more abstract concepts in order to prepare the student for successful entry into Algebra and Geometry 1. Upon completion of this course, a student will have acquired mathematical problem solving skills that will prove useful in his/her future studies of math and many real-life situation. The use of incremental instruction (the teaching of small, easily understood pieces of a concept) and the use of continual practice (fundamental skills and concepts are practiced and reviewed throughout the year) will assist students to successfully complete this course and transition to Algebra and Geometry 1.

Algebra and Geometry 1

- Grade Level: 8th grade
- *Algebra 1*, Saxon Publishers
- One year
- Core Class Status

This course is an exploration of techniques for simplifying mathematical expressions and solving equations. Problem solving techniques will be utilized based upon linear, quadratic, and exponential equations. Students will explore topics such as probability, direct and inverse variation, and functional notation. Geometry standards including

coordinate geometry plus perimeter, area, surface area, and volume of geometric solids will be covered. Technology will be utilized through daily use of a scientific calculator. Students will be introduced to graphing calculator manipulations to evaluate exponential growth and graphing quadratic equations.

Natural Science

Life Science

- Grade Level: 7th
- *Life's Structure and Function*, Glencoe Science (2002); *From Bacteria to Plants*, Glencoe Science (2002); *Animal Diversity*, Glencoe (2002); *Human Body Systems*, Glencoe Science 2002
- One Year
- Core Class

This course is structured to provide students opportunities to observe and study a wide variety of living things created by God and to understand the nature of living things. Students will also learn about the observations other people have made and documented about living things. They will then be challenged to apply what God has said about life and living things and to use scientific information to guide their decision-making processes about living things.

Physical Science

- Grade Level: 8th
- *Introduction to Physical Science*; Glencoe-McGraw-Hill
- One Year
- Core Class

Physical science is an introductory course for both chemistry and physics. Throughout the course of the year, students will investigate topics such as the atom, periodic table, Newton's Law of Motion, and electricity. Students will be challenged to apply the scientific method to their thought processes as they investigate the topics covered in this class. In addition, students will become familiar with the tools used in the laboratory and will use them to conduct experiments and activities. Students will complete lab reports, interpret data and compose tables, charts, and graphs.

Social Science

American History

- Grade Level: 8th
- *The American Nation*; Prentice Hall
- One year
- Core Class

This course will provide students with information and activities that focus on interesting people, places and events that have shaped our nation. Students will explore

the history of the United States and how it has come about under God's direction and design. Students will be exposed to history and geography topics that will help them connect major and minor events in each time period. In addition, each student will have an opportunity to relate the information studied to current events of today. Christian values will be taught that will help students make the right decisions and become godly example for all people.

World History

- Grade Level: 7th
- World Adventures in Time and Place; Glencoe
- One year
- Approved by: NCAA
- Core Class

This course is a continuation of the world history curriculum that began in sixth grade. Students will examine information and complete activities that focus on interesting people, places, and events that have shaped our world. Students will learn not only world history concepts and facts, but many Christian values and principles that will help them make right decisions and be examples of Jesus Christ. Students will cover history and geography topics beginning with the Middle Ages and ending with the Cold War.

Foreign Language

Spanish 1

- Grade Level: 8th
- Text: *iExprésate!*, Holt, Rinehart and Winston
- No pre-requisite
- One year
- Core Class

This course is designed to give students a comprehensive overview of the Spanish Language. Level 1 introduces the four basic communicative skills, reading, and writing, speaking, and listening. Various cultures are also studied. Students will be able to use the present tense, commands, present progressive, and parts of speech. Students are assessed on mastery of essential skills that coordinate with the state standards for Foreign Languages. There are no prerequisites to taking this course.

Fine Arts

Vocal Music – 7th Grade

This class will give students the opportunity to experience various aspects of music with emphasis on singing and vocal skills. Students will review basic music theory, rhythm, music vocabulary and markings, and practice reading notes through the music they sing. They will participate in singing group choral music of various styles and be given opportunities for solos as desired. Students will be given basic vocal training techniques through instruction in proper

breathing and vocal exercises. Students will work on developing their vocal sight-singing skills and an ear for correct pitch and harmonies as they sing, listen and blend with other students. The course is also designed to encourage music appreciation through listening to music of different genres and exposure to several of the great composers in history. Students will also begin to explore the world of music in the digital realm and inspire students to utilize the tool of technology to unlock musical creativity.

Instrumental Music- 7th Grade

This class will give students the opportunity to explore various aspects of instrumental music in a collaborative band setting. They will participate in music of various styles and genres. Students will review basic music theory, rhythm, music vocabulary and markings, and practice reading notes on the staff through instruction in how to play several instruments including percussion, recorder, guitar and keyboards. Students will be given a opportunity to solo on any instrument of their choice. This class will also develop their ear for music through listening and studying music from different genres and exposure to several of the great composers in history. Students will also begin to explore the world of music in the digital realm and inspire students to utilize the tool of technology to unlock musical creativity.

Vocal Music- 8th Grade

This class will give students the opportunity to experience various aspects of music with emphasis on singing and vocal skills. Students will review basic music theory, rhythm, music vocabulary and markings, and practice reading notes through the music they sing. Students will review basic vocal training techniques through instruction in proper breathing and vocal exercises. Students will continue practicing their vocal sight-singing skills and an ear for correct pitch and harmonies as they sing, listen and blend with other students in a group setting. Students will be given more opportunities for small group ensemble performance of songs of their choice as well as duets and solos in this class. During the 2nd semester, students will also create a group project of their choice which could include a performance, music video, composition, research project/presentation or other creative idea. Students will also begin to explore the world of digital music in the digital realm and inspire students to utilize the tool of technology to unlock musical creativity.

Instrumental Music- 8th Grade

This class will give students the opportunity to explore various aspects of instrumental music in a collaborative band setting. They will participate in music of various styles and genres. Students will review basic music theory, rhythm, music vocabulary and markings, and practice reading notes on the staff. Depending on the instruments ability represented among the students, they will be assigned to an instrument in the band. Students will be given a opportunity for more solos and smaller group practice and performance. This class will also develop their ear for music through listening and understanding of the application music theory including chords, keys and transposing. During the 2nd semester, students will also create a group project of their choice which could include a performance, music video, composition, research project/presentation or other creative idea to showcase their skills. Students will also begin to explore the world of music in the digital realm and inspire students to utilize the tool of technology to unlock musical creativity.

Junior High Art Class

- Grade levels: 7th, 8th
- One semester
- Elective

This course is designed to give students a basic understanding of the 7 elements of design. Various projects will include all or some of these elements. Different mediums and techniques will be introduced to the class. Along with well know artists and their unique styles. They will learn how to take care of the equipment properly and how to handle craftsmanship in order to produce art that will be on display at the end of the year

Drama- 8th Grade

This one semester course is designed to build confidence and provide skills in basic play production both on and off the stage. Drama gives students a sense of responsibility and co-operation as they learn to work together to reach the final goal of a short play. The activities are designed to help each student feel successful while learning the basic techniques of stage performance. Students will perform a play at the end of the semester.

Drama - 7th Grade

Students will learn the basic skills of drama and stage performance including basic acting techniques, stage direction, projection, improv exercises etc. They will also learn the various aspects of theater on and off stage. Students will work together in planning and performing several skits throughout the semester.

Physical Education

Physical Education

- Grade: 7th-8th
- Text: *Total Health: Talking About Life's Changes*; Boe.
- One Year
- Elective

This course is designed to encourage overall fitness among students. The course will also encourage an aspect of team building and working within a group. The scope of this course will include overall health and teamwork through a variety of fitness and team sport activities. It will also teach the students how to live healthier lifestyles.

Senior High School Course Descriptions

Bible

Overview

Our Bible Department's goals are fourfold: to provide Christian students with the "knowledge of the Lord" that is the beginning of Wisdom (Proverbs 1:7), to give students the necessary information for them "to give to every man an answer" in defense of their faith (1 Peter 3:15), to encourage them in sound doctrine (Titus 1:9), and to exhort them to obey the Scriptures. Our curriculum is designed to lay a foundation of the Scriptures by providing an overview of both testaments by the end of a student's sophomore year. This encourages students to collate the breadth of the Bible into a synthesized whole and to help students appreciate the unity and harmony of God's Word. Our Life of Christ and Becoming Like Christ courses examine the ministry and teachings of Christ more in-depth and equips students to follow the Savior and share His life with others. As students become upperclassmen, they will participate in seminar style classes that will prepare them to defend their faith and wrestle with how they will live out their beliefs once graduated.

To meet current graduation requirements, students MUST take 1.0 credits of Bible for every year that they are at FRCS.

Freshmen Year

- Life of Christ

Sophomore Year

- New Testament Epistles

Junior/Senior Years

- 11th Grade Bible Seminars
- 12th Grade Bible Seminars
- Israel in Depth (0.5 credit)
- Becoming Like Christ (0.5 elective credit)

Course Descriptions

Life of Christ

- Grade: 9th
- Text: The Life of Christ; Positive Action
- 1 Credit

This course follows the Life of Jesus Christ, including the geographic and political situation at the time of Christ's ministry, preparation for His ministry, His birth, baptism, adult ministry, teaching, making disciples, crucifixion, resurrection and ascension. As the curriculum foreword indicates, "Of the four Gospels, John's account actually contains fewer actual facts about Jesus' life than the other Gospels. Why, then, use John's account as our text? Because it most clearly presents who Jesus is, whereas the Synoptic Gospels (Matt., Mark, and Luke) tell what He did. John is more concerned

with the person or personality of Jesus Christ.” However, even though the primary focus will be on John’s account of Jesus, the other Gospels will not be excluded. In the end, this course helps students to clearly articulate the compelling case the Bible presents that Jesus of Nazareth is indeed God’s promised Messiah.

New Testament Epistles

- Grade: 10th
- 1 Credit

The New Testaments epistles contain instructions for godly living. These epistles were often written due to hardships or crises for developing Christian communities. This course surveys the epistles in light of their circumstances, background, context, and setting in order to equip students to better understand the instruction found in the New Testament epistles. Using the Book of Acts as a chronological template, students will learn about the early origins of the Christian church, the adverse conditions that it faced, and the political climate of the first century Greco-Roman world. The goal is that students will become proficient at interpreting biblical texts, capable of engaging in dialogue about the biblical text, and motivated to apply biblical guidance to modern life.

Junior Seminar

- Grade: 11th
- 1 Credit

This course is designed to challenge students to know what they believe and then to develop the capacity to defend and explain those beliefs to others. Students will investigate five core areas: veritology, philosophy/ethics, anthropology, theology, and science. Juniors will be required to complete projects during each unit as well as an end of the year project that will focus on writing and defending their theistic worldview. The goal is that the students will be well-equipped to engage the world and culture surrounding them from a biblical worldview and perspective.

Senior Seminar

- Grade: 12th
- 1 Credit

This course is for seniors and will prepare and equip them to defend their Theistic worldview beyond high school. The curriculum is based on The Truth Project (Focus on the Family) DVD-based apologetics course and is team-taught by several Bible Department Faculty. This course is designed to challenge students to integrate their faith. In so doing, students will be given the opportunity in five core areas. The first focus is on how Christianity changed the world. When followers embrace and live out God’s command to be like Christ, the world better reflects him. So then, how can we change the world as believers? The next focal point is on our design to be relational beings. What does it mean that we are called to be in relationship with God and others? Third is the call to live under God’s authority. Why is he the ultimate authority? What does this mean on an international, national, state and individual level? The fourth focus will be on Apocalyptic literature. What is the urgency of the gospel message in these texts? What significance does “the end times” have for us today? How are we to live in light of this literature? Finally, we will focus on what it means to love our neighbors. Who are they? How have you been gifted to make an impact for his kingdom? How will you change the

world for his sake? Upon completion of the class, students will have wrestled collaboratively and individually and be more prepared to make a difference in the world.

Becoming Like Christ

- Grade: 11th & 12th
- Text: *Beginning in Jesus, Connecting in Jesus, Growing in Jesus, Sharing Jesus*; Zondervan
- 0.5 Elective Credit

This course will afford the students the opportunity to be discipled and disciple younger students. The method for this process will be through exploring how Christ loved God and others as seen in the Holy Scriptures. Students will be challenged personally with Christ's teachings and in turn challenge the younger students they are discipling. Students in this class will integrate discipleship in their lives by actually discipling a group of Junior High students.

In order for students to participate in this class, they must be selected and complete/undergo an extensive application/interview process.

Israel In Depth

- Grade: 11th & 12th
- Text: Bible, *The Holy Land: An Oxford Archaeological Guide from Earliest Times to 1700*, *Josephus: The Essential Works* and *Israel In Depth Study Guide*
- 1 semester/ .5 credit

This course follows the Life of Jesus Christ, including the geographic and political situation at the time of Christ's ministry, preparation for His ministry, His birth, baptism, adult ministry, teaching, making disciples, crucifixion, resurrection and ascension. As the curriculum foreword indicates, "Of the four Gospels, John's account actually contains fewer actual facts about Jesus' life than the other Gospels. Why, then, use John's account as our text? Because it most clearly presents who Jesus is, whereas the Synoptic Gospels (Matt., Mark, and Luke) tell what He did. John is more concerned with the person or personality of Jesus Christ." However, even though the primary focus will be on John's account of Jesus, the other Gospels will not be excluded. In the end, this course helps students to clearly articulate the compelling case the Bible presents that Jesus of Nazareth is indeed God's promised Messiah.

Foreign Language

Overview

Our Spanish program begins in 8th grade with Spanish 1. The courses 1, 2, 3, and Honors Spanish 4 build on each other and use continuous review of vocabulary and grammar concepts. The program is designed to give the students a comprehensive overview of the Spanish language. The program gives students insight to Spanish-speaking cultures and people.

8th or 9th

- Spanish 1

10th or 11th

- Spanish 2

11th or 12th

- Spanish 3

11th or 12th

- Spanish 3
- Honors Spanish 4

Spanish 1

- Grade Level: 8th or 9th
- Text: *¡Exprésate!*, Holt, Rinehart and Winston
- No pre-requisite
- 1 year/ 1.0 credits
- Approved by NCAA
- Core Class

This course is designed to give students a good beginning in the Spanish language. Level one introduces the four basic communicative skills, reading, and writing, speaking, and listening. In this year, students will communicate primarily using the present tense. Various cultures are also studied. There are no prerequisites to taking this course.

Spanish 2

- Grade Level: 9th or 10th
- Pre-requisite: Spanish 1
- 1 year/ 1.0 credits
- Approved by NCAA
- Core Class

Spanish 2 reviews the major points learned in Spanish 1. This course will enhance the student's ability to use their skills in speaking, listening, reading, writing, and cultural awareness. In this course, students will reinforce their abilities to communicate in the present tense, as well as begin to use past tenses. Various cultures are also studied.

Spanish 3

- Grade Level: 10th or 11th
- Pre-requisite: Spanish 2
- 1 year/ 1.0 credits
- Approved by NCAA
- Core Class

Spanish 3 reviews the major points learned in Spanish 2. The course will enhance the students' ability to use their skills in speaking, listening, reading, writing and cultural awareness. In this course, students will reinforce their abilities to communicate in the present and past tenses, as well as begin to use future, conditional tenses. Various cultures are also studied.

Honors Spanish 4

- Grade Level: 11th -12th
- Pre-requisite: Spanish 3
- 1 year/ 1.0 credits
- Approved by NCAA
- Core Class

Spanish 4 reviews the major points learned in Spanish 3. The course will enhance the students' ability to use their skills in speaking, listening, reading, writing and cultural awareness. In this course, students will reinforce their abilities to communicate in the present, past, future, and conditional tenses, as well as begin to use formal and informal commands and the subjunctive mood. Various cultures are also studied.

Language Arts

Overview

The 7-12 grade Language Arts program at Front Range Christian School seeks to enable students to evaluate literature from a Christian Worldview and to connect the values of the society to the literature it produces. Through the use of literature, writing and critical thinking skills, students are guided into an understanding that all literature must be filtered through God's Word. All literature is examined for its Biblical value and truth. Critical thinking skills and expository writing skills are used to discern the effect that literary trends have upon revealing the values and beliefs of our society. All literary genres will be studied with specific emphasis placed on specific cultures as the students advance in their ability to discern.

Educational Philosophy

It is our conviction that students are able to discern literature as it is filtered through the word of God. Understanding literature of a culture as it relates to God's truth will enable students to understand the values of that culture and the effects that those values have on its ability to follow God's plan for righteousness.

Course Descriptions

Grammar and Composition

- Grade Level: 9th
- Text: Literature: Gold; Prentice Hall
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

This course will give students practice in four major areas: the 6 Traits of Writing, grammar review, literary analysis, and college preparatory skills (goal setting, time management, study habits, test taking skills, and reading comprehension). Students will read, interpret, analyze, and evaluate short stories, poetry, nonfiction essays, and Shakespeare's Romeo and Juliet. Students will discern biblical truths using critical

thinking and writing skills. Students will develop strong study skills, research skills, as well as fine tune the mechanics of writing through well-developed five-paragraph essays, literary analysis essays, and a MLA-based research paper covering a topic outside of the English content area.

(Honors) Composition

- Grade Level: 9th
- Literature: Gold; Prentice Hall
- Prior Approval Needed
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

This course will give students practice in the areas of writing and literary analysis. Students will learn how to improve their writing style through numerous five-paragraph essays, literary analysis essays, and a literary analysis research paper (MLA-based) over the novel *To Kill A Mockingbird*. Students will read, interpret, analyze, and evaluate short stories, poetry, nonfiction essays, *Romeo and Juliet*, *Hamlet*, and *To Kill a Mockingbird*. Students will discern biblical truths using critical thinking and writing skills. Grammar skills are reviewed and solidified with the goal of mastery

World Literature

- Grade Level: 10th
- Text: Literature Platinum; Prentice Hall
- Grammar and Composition
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

World literature is examined by looking at universal themes, such as but not limited to, Expanding Horizons, Choices & Consequences, Turning Points, Clashing Forces, Striving for Success, and Legacies, as seen in ancient societies through modern day cultures. The focus is on how these universal themes are found in each culture and traceable back to their biblical foundations. This course will afford students the practical tools to facilitate their success in high school and lay the foundation for their success in college. These tools are comprised of various techniques designed to improve students' abilities in reading, writing, verbal communications, and analytical skills. This will take the form of lectures; class discussions and activities; personal journals; and relevant, oral presentations. Students will learn how to improve their writing styles through numerous five-paragraph essays, literary analysis essays, and a MLA-based research paper. Students will read, interpret, analyze, and evaluate short stories, poetry, nonfiction essays, *Animal Farm*, and *Julius Caesar*.

(Honors) World Literature

- Grade Level: 10th
- Text: Literature Platinum; Prentice Hall
- Pre-requisites: Grammar and Composition; Prior Approval Needed
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

World literature is examined by looking at universal themes, such as but not limited to, Expanding Horizons, Choices & Consequences, Turning Points, Clashing Forces, Striving for Success, and Legacies, as seen in ancient societies through modern day cultures. The focus is on how these universal themes are found in each culture and traceable back to their biblical foundations. This course will also afford students the practical tools to facilitate their success in high school and lay the foundation for their success in college. These tools are comprised of various techniques designed to improve students' abilities in reading, writing, verbal communications, and analytical skills. This will take the form of lectures; class discussions and activities; personal journals; relevant, oral presentations; and engaging papers, essays, and a research paper. Student writing is based on mastering the 6 Traits of Writing while focusing on comparison and contrast essays, literary criticism essays, and MLA-based research papers. Examples of texts to be read are but not limited to *Animal Farm*, *Their Eyes Were Watching God*, *Crime and Punishment*, and *Julius Caesar*. This course is intended to prepare students for AP Literature.

American Literature

- Grade Level: 11th
- Text: The American Experience; Prentice Hall
- Pre-requisites: Grammar and Composition; World Literature
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

This course will present a study of American literature from Native Americans to contemporary authors. This course will afford students the practical tools to facilitate their success in high school and lay the foundation for their success in college. These tools are comprised of various techniques designed to improve students' abilities in reading, writing, verbal communications, and analytical skills. This will take the form of lectures; class discussions and activities; personal journals; and relevant, oral presentations. Student writing is based on mastering the 6 Traits of Writing. Students will learn how to improve their writing styles through numerous five-paragraph essays, literary analysis essays, and a MLA-based research paper. Students will read, interpret, analyze, and evaluate short stories, poetry, nonfiction essays, *The Scarlet Letter*, *The Great Gatsby*, and *The Crucible*. Students will discern biblical truths using critical thinking and writing skills.

British Literature

- Grade Level: 12th
- Text: The British Experience; Prentice Hall
- Pre-requisites: Grammar and Composition; World Literature; American Literature
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

This course examines British literature as it relates to its history and culture. Emphasis is placed on the connection between the events of the day and literature produced as a result of those events. There will be frequent opportunities for writing both formally and informally with an emphasis on the six-trait writing process (ideas, organization, voice, word choice, sentence fluency and conventions). Models of published writings will be

used as examples of one or more of the six-traits. Frequent feedback from both teacher and peers for revision will provide opportunities for encouragement and development

AP (Advanced Placement) Literature

- Grade Level: 11th or 12th
- Various Texts Based on College Board Standards
- Pre-requisites: Grammar and Composition; World Literature and/or American Literature; Prior Approval Needed
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class
- Fee: \$90 exam fee plus cost of books

The Advanced Placement Literature and composition class is designed to push students to achieve higher understanding and thinking skills as well as provide them 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. 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 this 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 to 4.0 for comparable courses at the college or university level. A student who earns a grade of 3 or above on the exam may 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 class should be a benefit in and of itself.

Mathematics

Overview

The core courses for curriculum are Algebra and Geometry I, Algebra and Geometry II, Trigonometry and Pre-Calculus I, and Trigonometry and Pre-Calculus II. Geometry, Honors Algebra and Geometry II, and Honors Trigonometry and Pre-Calculus are opportunities available for advanced math students. They may begin Algebra and Geometry I as early as 8th grade and then proceed through the core courses one year ahead of schedule. This allows them the opportunity to take AP Calculus AB in their senior year. Advanced classes are available on an interest-only basis.

To meet current college track graduation requirements, students MUST complete four (4) credits in Math in their high schools years. High schools credit will not be given to 8th grade students who complete Algebra & Geometry 1 during their 8th grade year.

Freshmen Year

- Algebra and Geometry I or
- Algebra and Geometry II

Sophomore Year

- Algebra and Geometry II
- Geometry
- Trigonometry/Pre-Calculus I

Junior Year

- Trigonometry/Pre-Calculus I

Senior Year

- AP Calculus AB
- Statistics (if enough interest)

Course Descriptions

Algebra & Geometry I

- Grade Level: 8th or 9th
- Text: *Algebra 1, Third Edition*; Saxon
- 1 year/ 1.0 Credits
- Approved by NCAA
- Core Class
- Scientific calculator required

This course is an exploration of techniques for simplifying mathematical expressions and solving equations. Problem solving techniques will be utilized based upon linear, quadratic, and exponential equations. Students will explore topics such as probability, direct and inverse variation, and functional notation. Geometry standards including coordinate geometry plus perimeter, area, surface area, and volume of geometric solids will be covered. Technology will be utilized through daily use of a scientific calculator. Students will be introduced to graphing calculator manipulations to evaluate exponential growth and graphing quadratic equations.

Algebra and Geometry II

- Grade Level: 9th or 10th
- Text: *Algebra II 2nd Edition*, Saxon
- Prerequisites: Algebra and Geometry I
- 1 year/ 1.0 credits
- Approved by NCAA
- Core Class
- TI-83 or TI-84 graphing calculator required

This course follows Algebra & Geometry I. This course continues to cover algebra and incorporates more geometry concepts, primarily volume and surface area of solids including cones and pyramids. Trigonometry is also introduced in this class. It utilizes “incremental development” to present the lessons to provide a solid foundation that encourages mastery of all concepts. This class covers approximately 120 lessons over the

course of the year. Homework usually consists of 30 problems per day with testing approximately every two weeks.

Geometry

- Grade Level: 9th/10th
- Text: *Discovering Geometry*, Key Press
- Pre-requisite: Algebra and Geometry 1 and 2
- 1 year/ 1.0 credits
- Approved by NCAA
- Core Class
- TI-83 or TI-84 calculator required

This course is designed for students who have successfully completed a minimum of Algebra I and who desire a more in-depth and hands on study of key geometry concepts. The course will focus on using an investigative approach to geometry utilizing the hands on curriculum of the text *Discovering Geometry* in conjunction with intensive associated labs. The text is designed to be used in conjunction with Geometer's Sketchpad software, and students will use the software as part of the coursework.

Trigonometry/Pre-Calculus 1

- Grade Level: 10th or 11th
- Text: *Advanced Math*: Saxon
- Prerequisites: Algebra and Geometry II or Algebra 2 by teacher recommendation
- 1Year/ 1.0 Credits
- Approved by NCAA
- Core Class
- TI-83 or TI-84 graphing calculator required

This course includes advanced algebra, geometric proofs, and trigonometric functions. Applications of trigonometry will be integrated throughout the course. It includes right triangle trigonometry, inverse trigonometric functions, Pythagorean Theorem, and solving trigonometric equations. This course develops techniques and concepts to prepare students for calculus through the use of exponential, logarithmic and polynomial functions, graphs, and their inverses

CCP Probability and Statistics

- Grade Level: 11th or 12th
- Text: *Bluman*, *Elementary Statistics*
- Prerequisites: Algebra 2 or Instructor permission
- 1Year/ 1.0 Credits
- Approved by NCAA
- CCP Class

An introduction to probability, basic statistics and statistical analysis. Descriptive and inferential statistics and attendant research designs will be investigated. Students will become familiar with statistical formulas in spreadsheet applications, although this is not a course focused on computer generated statistics as much as it is on the underlying assumptions and concepts used in statistical analysis. This course is designed to teach the student how to properly collect, analyze and interpret data for the purposes of research. Students will learn how to evaluate statistically based research studies and

recognize bias when present in print or media. Topics include: Data Presentation and Summarization, Probability, Probability Distributions, Normal Distributions, Estimates and Sample Sizes, Testing Hypotheses, Tests Comparing Two Populations, Correlation and Regression.

AP Calculus AB

- Grade Level: 11th, 12th
- Text: *Calculus*, Saxon
- Prerequisites: Trig/Pre-Calculus II or Honors Trig/Pre-Calculus
- 1 year/ 1.0 Credits
- Approved by NCAA
- Core Course
- TI-83 or TI-84 graphing calculator require
- Fee: \$90 exam fee plus cost of books

This course is designed for students who have successfully completed Pre-Calculus/Trigonometry II or Honors Pre-Calculus/Trigonometry. The course material is designed to introduce a student to the fundamental concepts of calculus while strengthening advanced mathematics principles. Upon successful completion of this course, a student will have acquired a proficiency in basic calculus concepts and will be prepared to successfully complete the Advanced Placement Calculus AB Exam. The course integrates multiple physics and engineering applications with the calculus content, thus providing the student a broad range of experience in both the pure mathematical as well as the applied mathematical aspects of the calculus content. The course utilizes an “incremental development” approach to present the lessons in order to provide a solid foundation that encourages mastery of all concepts. This class covers approximately 100 lessons over the course of the year and follows the material sequence as laid out in the text. Elements from the text that are not covered on the Advanced Placement Calculus BC Exam are eliminated or covered in brief detail. Homework usually consists of 15-20 problems per day with testing approximately twice a quarter.

Natural Sciences

Overview

Science is a specific way of examining nature. From seventh grade to high school, our students learn scientific methodology through inquiry and problem solving, as well as application for practical purposes. A good background in science is essential for an increasing number of professions. It is also helpful for making intelligent choices in an increasingly technological society. The purpose of the Front Range Christian school science program is to provide the student with a foundational knowledge of the sciences, an appreciation of its many benefits to mankind, and a better understanding of the precision and design of the physical world that God has created.

To meet current college track graduation requirements, students MUST earn four (4) Natural Science credits.

Freshman Year

- Biology
- Honors Biology

Sophomore Year

- Earth Science

Junior Year

- Chemistry

Senior Year

- Physics
- Anatomy & Physiology
- AP Biology

Course Descriptions

Biology

- Grade Level: 9
- Text: *Biology*; Holt
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

Biology includes the study of all life forms and is subdivided into cell biology, genetics, classification and diversity of kingdoms, and human biology. This class is designed and taught using both theory/lecture and hands-on laboratory activities. Students will focus on developing a better understanding of the scientific method of problem solving as it relates to living things. Videos and other instructional media are also used to introduce and explore various biological concepts.

Honors Biology

- Grade Level: 9
- Text: *Biology*; Holt
- 1 year/ 1.0 credit
- Approved by: NCAA
- Core Class

Honors Biology will parallel the units offered in our general Biology course, but will be more in-depth and comprehensive, move at a faster pace, will focus on developing a strong knowledge of the scientific method of investigation, and involve more critical thinking on the student's part.

This class includes individual and group research and project work.

The lab exercises are enhanced and designed to stimulate interest in the subject matter and to involve students in the learning process through hands-on activities. Academically motivated students who are interested in the medical or biological fields are encouraged to take this course. Strong reading ability and research skills are expected.

Earth Science

- Text: *Earth Science*; Glencoe
- Grade Level: 10
- 1 year/ 1.0. credit
- Approved by: NCAA
- Core Class

Earth science is the study of earth and space. Topics will include the earth's origin and history (the Genesis account of creation is stressed, but various theories of origin are also discussed), the materials that compose the earth, internal processes (earthquakes, volcanoes, plate tectonics), air and water, environmental issues and astronomy. Throughout the study of earth science, students will apply the scientific method of problem solving, participate in lab activities, review systems of measurement, create and interpret maps, charts and graphs, conduct primary and secondary research, and produce a scientific research paper.

Chemistry

- Grade Level: 11th
- Text: *Chemistry*; Addison-Wesley
- Pre-requisite: Algebra & Geometry I or Algebra 1
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

Chemistry is designed to fit the needs of students who desire a basis in chemistry concepts and laboratory skills. The purpose of the course is to provide the student with a foundational knowledge of chemistry, an appreciation of its many benefits to mankind, and a better understanding of the precision and design of the physical world that God has created. It is designed for students that are interested in science, and may be taking chemistry, or other science courses in college. Laboratory activities are very much a part of this course, so students will often be designing and completing experiments, making observations, and analyzing data.

Physics

- Grade Level: 12th
- Text: *Physics*; Holt
- Pre-requisite: Algebra & Geometry II or Algebra 2
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

Physics is the branch of science that deals with the properties, changes, and interactions of matter and energy. Throughout the course of the year students will investigate a variety of topics including motion, force, energy, light, and electricity. This physics course is designed to give students a broad introduction to the concepts of physics without a heavy emphasis on mathematics. Students will apply the scientific method to their thought processes as they engage in hands on activities designed to investigate the topics covered in this class. Students will become familiar with the tools used in the laboratory and be able to compose technical lab reports including computer generated data tables and graphs.

Anatomy & Physiology

- Text: *Hole's Essentials of Human Anatomy and Physiology – 9th Edition*; Glencoe-McGraw Hill
- Grade Level: 11-12
- 1 semester/ 0.5 credits
- Approved by: NCAA
- Core class

This is a one semester course designed to compliment one semester of earth science. Physiology is a class geared toward students who may have an interest in a career in the allied health professions. The primary focus of the course is to learn physiology of the human organ systems with a smaller emphasis on nomenclature and anatomy as the Honors Anatomy and Physiology course. Students will gain an understanding of organ systems, as well as some of the disease states that each may manifest.

AP Biology

- Grade Level: 11th or 12th
- Text:
- 1 year/1.5 credits
- Approved by: NCAA
- Core Class
- Test and Lab Fee: \$125

The Biology AP course is designed to be taken by students after the successful completion of both high school biology and chemistry. Biology AP includes those topics regularly covered in a college introductory biology course and differs significantly from the standards-based, high school biology course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students. The textbook used by Biology AP is also used by college biology majors and the kinds of labs done by AP students are equivalent to those done by college students. Biology AP is a course that aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This course is designed to prepare students for the Biology College Board Advanced Placement Exam.

Social Sciences

Overview

God has given us the ability to govern ourselves and institute government. His principles and guidelines provide the foundation of a well ordered society. The Social Science department strives to ensure that our students become citizens who follow Jesus Christ as a role model in their interactions with society: individuals, government, and employment. To develop these skills, students will explore and examine the content areas of geography, history, economics, psychology, and government.

To meet current college track graduation requirements, students MUST complete four (4) credits of Social Science.

Freshmen Year

- Geography

Sophomore Year

- World History

Junior Year

- American History
- AP American History

Senior Year

- Modern Civilizations and Civics
- AP American History

Course Descriptions

World Geography

- Grade Level: 9th
- Text: *Geography: The World and Its People*; Glencoe-McGraw Hill
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

Geography is the study of God's creations (solar system, earth, global regions, landforms, water forms, places, plants, and animals) and how God's most previous creation, human beings, interact with them. Students will analyze the physical and human characteristics of places and regions within the world; and examine the physical processes, ecosystems, and human activities that shape the earth's surface. In doing so, students will increase their understanding of the relationships between people, places, and environments in order to interpret the past and understand their future. World Geography is a yearlong course.

World History

- Grade Level: 10th
- Text: *World History Connections to Today*; Prentice Hall
- 1 year/ 1.0 credit
- Approved by: NCAA
- Core Class

This course provides a look at world history from the perspective of God's dealings with mankind. Students will explore the people, events, and developments that form the major eras of history from its origin through the first global conflict. An emphasis will be put on the development and changes in major worldviews that shape human interactions and behaviors as compared and contrasted to a Biblical worldview. Special focus will be on linking the past to the present recognizing the contribution students make to history. The process of historical inquiry, chronological organization, synthesis of information, and critical thinking will be utilized.

American History

- Grade Level: 11
- Text: *America Pathways to the Present*; Prentice Hall
- 1 year/ 1.0 credits
- Approved by: NCAA
- Core Class

Students encounter the major eras in American history from native migration and European exploration to the present. A Christian worldview is the standard by which students view the world and their study of history. Emphasis is placed on key events and lives of individuals whose efforts God used to shape our world. Chronological organization, documents analysis, and historical inquiry will be used to analyze the development of political, religious, intellectual, technological, cultural, social, and economic changes and the influence of these elements on the United States and our neighbors.

Civics

- Grade Level: 12th
- Text: *American Government*
- 1 semester/ 0.5 credits
- Approved by: NCAA
- Core Class

An introduction to the nature and study of politics in American government at all levels, including an examination of the basic concepts of law, government and the state. Attention is also given to the various institutions and processes of government and politics through which law and policy are formulated, decided, implemented, and enforced. The course is designed to help students understand the limited but important place of government and politics within the overall panorama of creation. Students will also develop a critical framework, informed by a Biblical worldview, from which to analyze and evaluate various approaches to the contemporary political scene. Students will also acquire a sense of their responsibilities as citizens and of how this relates to their other responsibilities towards family, church, employment, etc.

Modern Civilizations

- Grade Level: 12th
- World History: *Connections to Today*; Prentice Hall
- 1 semester/ 0.5 credits
- Approved by: NCAA
- Core Class

Modern Civilizations is a semester course and a continuation of the world history class taught in tenth and/or eleventh grade. Students will explore history beginning with World War I to our contemporary global society. This course will focus on the following concepts that have played a large role within our modern civilizations: nationalism, militarism, imperialism, capitalism, democracy, socialism, communism, totalitarianism, and revolutions. These concepts will then be compared and contrasted in light of Scripture. Special focus will be put on linking the past to the present and recognizing the contributions students can make on modern world history. In doing so, the processes of historical inquiry, chronological organization, synthesis of information, and critical thinking will be utilized.

AP (Advanced Placement) United States History

- Grade Level: 11th or 12th
- Various texts based on College Board Standards
- Pre-requisites: Geography, World History, prior approval needed.
- 1 year/1.0 credits
- Approved by: NCAA
- Core Class
- Fee: \$90 exam fee plus cost of books

Advanced Placement United States History will provide students with the opportunity to master history at a level equivalent to a college course, as well as earn college credit. In this two-semester survey, students will learn to assess critically American history from the age of exploration to the present, analyzing chronology in terms of major historical themes. Through this course, students will not only master the historic content at the university level, but will also strengthen their reading and writing, critical thinking, and essay writing skills. This history course allows students to work frequently with primary sources (original documents) and recent historiography (historians' research and perspectives). A willingness to devote ample time to this course and engage seriously in the subject matter is essential to success in AP United States History.

As a culmination of this course, the student will take the nationally-prepared AP United States History Exam in May. If they score high enough on the exam, they may earn college credit for the exam. A minimum score of 3 and sometimes 4 out of 5 is required by most colleges to grant credit for the course. A grade of 4 or 5 on this exam is considered equivalent to a 3.3 to 4.0 for comparable courses at the college or university level. Even if the student does not make a high score on the AP test, this class should be a benefit in and of itself in preparation for higher learning.

Electives

Please note that many of the elective courses have a fee attached. Please keep this in mind when choosing an elective.

Fine Arts Electives

- Instrumental Band
- FRCS Vocal Ensemble
- FRCS Singers
- Drama
- Art Class

General Electives

- C.S. Lewis
- Living Biblical Hebrew
- Introduction to Aeronautics
- Psychology
- History of the American West
- Life Skills
- Video Production 1
- Video Production 2

- iPad Applications
- Photography 1 Digital Photography
- Social Issues
- Misso Dei

Physical Education Electives

- Dance: Hip Hop
- Body Conditioning
- CrossFitness
- Outdoor Adventure

Fine Arts Course Descriptions

Instrumental Band Class

- Grade: 9-12th Wednesday, 3rd block OR Tuesday/Friday 7th hour
- Prerequisite: Ability to play an instrument
- 1 year; 0.5 Fine Arts Credit
- Fee: \$20 to cover cost of music and equipment.

Students will explore instrumental music through instruction, practice and performance in a band setting. They will learn how to accompany vocalists, play instrumental music in modern band style, explore various styles and musical genres, and learn the application of theory in areas such as chord progressions, transposition, and keys as it relates to instrumental music. Students will have the opportunity for both group and one-on-one instruction on instruments of their choice as they collaborate in a band setting. Students will train their ears to be able to listen and play music as well as determine the key and chords involved. Students will also begin to explore the world of digital music and be encouraged to use their creative abilities in composition and arranging as they are given opportunities for music recording, mixing, and creating through the use of the I-pad and various apps including garage band. Students who wish to be in this class should have a basic understanding and ability to play an instrument.

Guitar

- Grades 9-12
- No prerequisite
- Elective: Fine Arts
- 1 year; 0.5 credits
- Fee: \$20

This class will be designed to cover the basic styles (worship, acoustic, rock, classical, jazz, electric etc.) and technique on the guitar while learning basic scales, tunings, chords, notation and tablature in a group setting. Students will receive individual and group instruction and be taught how guitar can be used in worship, solo, ensemble and band setting.

Class requirements: The student is expected to provide their own acoustic guitar for use during class and practice during the week.

FRCS Vocal Ensemble

- Grade Level: 9-12th
- Pre-requisite: Audition required
- 1 year/ 1 Credit
- Elective Class: Fine Arts Credit
- Fee: \$20

This course will give students the opportunity to gain experience in performing in a group and as a soloist and becoming equipped with the tools to do it well. Students will be working on musical selections of their choice from different genres to improve their vocal abilities, ear training, performance technique, sight-reading, and overall artistry that go into performing a song well. Students will be preparing solos, duets, trios, etc. in regular “jam-sessions” necessary for hearing harmonies, blend, tonal quality, dynamics, phrasing, mood and the like. Focus will be on choosing songs that fit vocal range, style, and personality. Because of scheduling issues, this class will be run during several periods throughout the core days depending on off hours, during 3rd block Wednesdays and after school on Tuesday during 8th hour.

FRCS Singers

- Grade Level: 9-12th
- 7th hour Tuesday/Friday OR Wednesday 2nd block
- No pre-requisite or audition required
- 1 year/ 0.50 credit
- Elective Class: Fine Arts Credit
- Fee: \$10 to cover cost of music

This course will give students the opportunity to explore music from a variety of genres in order to develop a deeper appreciation for God’s gift of music. Through rehearsals and performances, students will discover God’s hand throughout the centuries of choral music and experience many of the works first hand. Students will also be able to develop their vocal skills through ear training, vocal techniques, sight-reading and the experience of singing collaboratively with other students in a group setting as well as opportunity for solos as desired. The songs we sing will represent a variety of cultures, genres, backgrounds, styles and content, challenging us as we grow to be skilled, disciplined musicians and worshipers of God through the music we sing.

High School Drama

- Grade Level: 9-12th
- No Pre-requisite
- 1 year/ 0.5 credits
- Elective Class: Fine Arts Credit
- Fee: \$20

This class will be taught by our brand new drama teacher! Calling all actors and theater techies! In this very vocal, hands-on class we will explore all aspects of theater arts including acting (characterization, development of the speaking voice, improvisation, audition techniques), and technical theater (A/V, lighting & set design and construction, stage make-up, costuming), through games, scene-work, performance, and script-development. Students will collaborate in performance in numerous informal and formal presentations including outreach opportunities,

theater scenes, and FRCS events; and explore ways to use drama as a means of evangelism, artistic expression, and worship.

High School Art

- Grade levels: 9-12th
- 1 year/ 0.5 credits
- Elective: Fine Arts Credit
- Fee: \$80
- Cap: 18

This course is designed to teach students the basics of drawing and composition. With the seven elements of design several projects will be introduced to help them further their designs eye. We will do many group projects this may include chalk art, reproductions, murals, painting, and watercolor. All projects will be within a three week time period and will become homework if not completed in the allotted time. Art will be displayed at the end of the year.

General Electives Course Descriptions

Some courses can count as a fine art credit if needed

World & Works of CS Lewis

- Grade 10-12 (Grade 9 with instructor permission)
- No Prerequisite
- Elective: 1 year; 0.5 credit
- Fee: \$15 for book and other expenses.

Students will also need to procure the various books that we'll be reading during the course of the year. They can raid their family's bookshelves, local libraries, or purchase them if need be. Any edition of the following titles will do: *The Chronicles of Narnia* (all 7 books), *Mere Christianity*, *Perelandra*, and *The Great Divorce*.

Living Biblical Hebrew

- Grades 11-12 (Grade 10 with instructor permission)
- No Pre-requisite
- Elective: 1 year; 0.5 credits
- Fee: \$30

This language course is designed to introduce students to Biblical Hebrew. It will cover the basic linguistic features of Hebrew such as grammar, syntax, vocabulary, and verbal systems. This is a "living" course in two aspects. First, the course will be taught using a "living language" approach. Students will speak Hebrew in class, play games in Hebrew, and listen as the text is read and the psalms are sung. Second, this course is "living" in the sense that the Old Testament truly comes alive when read in Hebrew. Students will learn to read the actual Hebrew text, but they will also learn about culture, customs, and geography in the ancient world. The goal is that students will become experts at Hebrew language, familiar with cultural and geographical aspects of the ancient world, and appreciative of the richness that is so present in the Bible.

Aeronautics

- Grades 9-12th
- No Pre-requisite
- Elective: 1 year; 0.5 credits
- Fee: \$75
- Cap: 14 students

Introduction to Aeronautics is a project-based class with an emphasis on hands-on model building and testing. Students who have an interest in flight will enjoy learning about the history of human flight, principles of flight, and the potential future of flight.

Psychology

- Grades 10-12th
- No prerequisite
- Elective: 1 year; 0.5 credits
- Fee: \$0
- Cap: 25

This course is designed to instruct students in the basic concepts and tenets of historical and contemporary psychology. Special emphasis will be given to understand and implementing the practical aspects of psychological science. Man's complex nature will be examined in light of what scripture affirms about mankind as a special creation. The course will examine contemporary careers in the field of psychology with a special look at ministry opportunities.

History of the American West

- Grade Level: 9-12
- Credit: 1 year; 0.5 credits

This course is designed to help students to go in depth into the study of the past by connecting them with a relevant history of the very region that surrounds them: the American West. Explore the tales of the native peoples who dwelt in the Rocky Mountains and Great Plains before the arrival of European-Americans, then trace the paths of the region's first Euro-American adventurers into the frontier, and finally, discover how these groups explored, migrated, fought, and settled to make places like Colorado and surrounding states the way they are today.

The mediums for investigation in this course will range from historic manuscripts written by pioneers and explorers in the West to academic readings by modern historians, online research into library archives and museum websites, and learning through group cooperation. Those who take this class will not only gain unique insight into the fascinating history that surrounds them in Colorado, but will also gain valuable academic skills in primary-source investigation, scholarly online research, and analytical reading and writing, all of which can be transferred to help them excel not only in future social science courses, but many other disciplines as well.

Cooking & Life Skills

- Grades 9-12th
- Elective: 1 year; 0.5 credits
- Fee: \$220
- Cap: 12 students

Cooking will be a one semester class in the fall, followed by life skills course second semester.

Cooking has become a lost art and subsequently our health is suffering with each generation. Come and learn how to make delicious foods while honing your knife skills and learning about kitchen safety. This year we will be studying Dr. Mark Hyman's *Eat Your Medicine: Nutrition Basics for Everyone*. Learn how to eat the right carbs, good fats, flavor with spices from God's Garden of Eden, how to avoid food allergies and sensitivities and more. Nutrition is not solely about WHAT to eat but also learning how and when. Come join the excitement and take a journey into a healthy lifestyle.

Second semester students will be exploring additional life skills. Topics may include foundations in finances, business and other personal life skills.

Video Production 1

- Grades 9-12th
- Elective: 1 year; 0.5 credits
- Fee: \$75
- Cap: 14 students

Intro to Video Production is a course designed to teach the fundamentals of video production in a fun, hands-on environment. Students will learn the production process, including pre-production (scriptwriting and storyboarding), production (shooting, lighting and sound), and post-production (editing, special effects, graphics and audio). Students will use Mac based software to produce school-related, Christ-centered short films.

Video Production 2

- Grades 9-12th
- Elective: 1 year; 0.5 credits
- Fee: \$75
- Cap: 14 students

Students will make high quality videos for chapel or other projects for school. Class should be fun and students will learn about advanced editing techniques such as animation, stop motion, graphics, dvd authoring, post production, special effects, green screen and more.

iPad Applications

- Grades 9-12th
- No Pre-requisite
- Elective: 1 year; 0.5 credits
- Cap: 14 students
- Fee: \$50 for apps (they will be refunded if they already have apps needed)

Students will learn about some of the standard apps such as Pages, Keynote, Numbers, iMovie, Garage Band, Evernote, Dropbox, Noteshelf, My Big Campus and others. The idea of the class will be to become very familiar with the iPad and the way the thousands of apps can benefit them in school and beyond as well as to become technologically fluent.

Students will learn about iPad troubleshooting and netiquette. Students will also learn to create eBooks, iBooks and will also be allowed to design an app using a template based program. In the

culminating project, students will create an eportfolio of their best work to post on My Big Campus. Students will spend one or more weeks learning each app as well as completing a project with the app.

Digital Photography

- Grade Level: 9th-12th
- No Prerequisite
- Elective: 1 year; 0.5 credits
- Fee: \$20
- Cap: 15

Photography 1 is designed to familiarize students with the basic functions of a digital camera. No special cameras required and all digital cameras welcome! This class will focus on how to use a camera properly, how to compose a photograph, use the different elements of art in photography and how to use Photoshop for basic editing. Creativity, innovation, and experimentation will be emphasized as well as technical skills and classroom critique. When students are done with this class they will be transformed from photography novices, into someone who simply takes great pictures! Students will also be required to have the Photoshop App for their iPads.

Social Issues

- Grades 10-12th (9th Grade with Instructor Permission)
- No Pre-requisite
- Elective: 1 year 0.5 credits
- Fee: \$40

This course explores a number of social issues facing our local communities, nation, and world. Course topics may include issues such as poverty, immigration, media and technology, human trafficking, environment and agriculture, multiculturalism, abortion, and the relationship between church and state. Through films, guest speaker visits, field trips, and readings, students are presented with a variety of different voices and perspectives. Emphasis is placed not only on helping students to see the complexity of the issues, but on giving them the opportunity to think through how they might faithfully view and respond to them as followers of Christ.

Missions

- Grades 9-12th
- No Prerequisite
- Elective: 1 year; 0.5
- Text: *Missio Dei* book and journal
- Fee: \$40

“Imagine how different life would be if you recognized that God is calling you to something grand, something larger than yourself - a journey in an epic story that has been going on from the beginning of time until this very day.” Join us for an in-depth look at God's Epic story from the beginning to now and how you fit into the picture. Our journey will include what Scripture tells us about this epic story, how various cultures come into play, how we have seen this epic story played out in history and conclude with practices to help you take full advantage of God's part for you. Our hope is to get this approved for CCP credit. The course will include reading, written assignments and 2 projects. Not for the faint of heart!

Forensic Science

- Grade Level: 9-12
- Text: *Crime Scene Investigations* (The Center for Applied Research in Education)
- Approved by: NCAA
- Elective: 1 year/ 0.5 credits
- Fee: \$75 for consumable supplies

This course is an introduction to the field of forensic science. It will incorporate several branches of science including physics, chemistry, archeology, anthropology, geography, biology, psychology, criminology, and sociology. The course is designed to introduce the scientific strategies of crime scene investigation where students take on the role of investigators by collecting and interpreting evidence and data. Excellent attendance is essential as this is a lab-based course. A field trip to a cadaver lab is offered when available. (This class is offered on a rotating basis.)

P.E. Course Descriptions

Some courses can count as a fine art credit if needed

Dance: Hip Hop

- Grade Level: 9-12th
- No Pre-requisite
- 1 year/0.5 credits
- Elective: Fine Arts/PE
- Fee: \$200 for the year

Taught by our awesome dance teacher Connie Rice! In this class you will learn various dynamics of Hip Hop and Break Dance including: footwork (Top Rocks, Brooklyn Rocks, Triangle Step, Kick Steps, Side Shuffles, Apache, and the Charleston), Glides, Waves, Locking, Popping as well as floor moves including Baby C's, Six Steps, Single Leg Swipes, Double Leg Swipes, the Valdez, and Freezes. In this dance elective we will spend time stretching and strengthening our bodies, practicing technique and learning choreography. We always start class in prayer, listening to each other's needs and the choreography that we learn is honoring to the Lord. Whether you are an experienced dancer or you are a new student, we will teach the technique appropriate for your level!

** We need a minimum of 8 students to offer this class*

Body Conditioning

- Grade Level: 9-12th
- No Pre-requisite
- 1 year; 0.5 credits
- Elective: PE
- Fee: \$200 for whole year

Experience Fitness in Exciting New Ways with the Fitness in Disguise Trainers. Each week your class will vary: Zumba, Bootcamp and Zumba Toning. Zumba is an exhilarating, calorie-burning, Latin inspired dance fitness party which leaves you feeling nothing but joy when you are finished. You are guaranteed to leave with a smile on your face. Zumba Toning combines all the fun of Zumba dance with weight sticks that actually act like instruments incorporating many

different styles of music and dance. Bootcamp is an extreme form of interval training, using mostly your own body weight, combining cardio and strength training. It improves muscle stamina, power, speed and cardio-endurance. You will be amazed at how good you feel after your class is over. We will focus on many different cultures, all-over body fitness and group camaraderie.

Cross Fitness

- Grades 9-12th
- No Prerequisite
- 1 year; 0.5 credits
- Elective: PE
- Course cost: \$199 for the year

Class will Meet at Revolution Martial Arts. This class will be taught by eight-time world champion Kevin Kowalczyk (Mr. K.), owner and operator of Revolution Martial Arts. This fitness class is a perfect blend of cardio conditioning and straight training. Designed and guaranteed to excel you to the next level. Great for athletes looking to improve the speed and agility in the game, or the average teen who wants to be healthy and fit. CrossFitness mixes drills from cardio kickboxing using punching bags and air attack combos, as well as Cross Fit exercises such as kettlebells and medicine balls. This class will not only help students lose weight, tone their bodies, track their progress through fit tests and improve coordination, but will also teach them healthy eating choices.

Gear required: Century Bag Gloves (sold at revolution martial arts \$20); jump rope; running shoes; workout apparel ex: shorts and t-shirt

Lifetime Sports/Adventure Club Sports

- Grades 9-12th
- No Prerequisite
- 1 year; 0.5 credits
- Elective: PE
- Life Sport Course cost: TBD, based on number of students participating estimated at \$50

Adventure Club Sports Cost: Mountain Biking \$350 + \$250 for a season bike rental. Rock Climbing \$250, Skiing/Snowboarding, TBD

If you select this class here are the options for participation within it, which will be discussed later.

- **Track 1:** Is for students who want to only participate in the Lifetime sports during block 3. This will include
- **Track 2:** Is for students who want to participate in at least 1 of the Adventure Club sports. Students will remain be in the Lifetime sports course even while not participating in the additional Adventure sport activities. This will allow students who participate in FRCS team sport to be able to play the sport they choose. Students who participate in an Adventure sports club sport will be required to
- **Track 3:** Is for students who want to participate in ALL of the Adventure sports activities.

Core Day Electives Course Descriptions

Speech

- Grade Level: 9-12th
- Pre-requisite: None
- Speech 1 semester/ 0.5 Credits
- Required Class: Speech is required and counts as a fine arts credit

This course touches on four major areas of public speaking: group discussion, debate, oral interpretation of scripture and literature, and extemporaneous speaking. This course will include group activities on listening and the sharing of ideas in group discussion. It will emphasize the organization of arguments and understanding of fallacies in logic for a debate. Next will be the study of voice and expression while reading Scripture aloud. Finally, attention will be given to the organizing and presenting of extemporaneous speeches.

College and Career Planning

- Grade Level: 11th
- Text: *ACT Victory*, Cambridge
- 1 semester/ 0.5 credits
- Required Elective

This course is designed to prepare students to take the ACT college entrance exam with a small introduction into the SAT as well. In addition, students will be provided with the necessary information to make an informed decision about college and develop the tools necessary to complete college applications, scholarships applications, and financial aid request.

Christian Paths to Health and Wellness

- Grades 9-12th
- No Prerequisite
- Elective: 1 year; 0.5 credits
- Text: *Christian Paths to Health and Wellness*
- Book- \$38 plus shipping
- Course fee - \$20
- CCP fee - 2 units

Health is a very important part of successfully living out God's call on your life. This class will give you the information and skills to develop life long behaviors and strategies to get and stay healthy. We will cover the basics of fitness and nutrition but also look at issues such as stress management, sleep habits and healthy relationships. All will be taught in the light of God's Word! Our hope is to have this taught as a CCP course.

Club Course Descriptions

Praise and Worship

- Grade Level: 9-12th
- Pre-requisite: None
- 1 year
- Outside of School Hours Commitment
- Interview Required for Participation: See Mrs. Sutherland

The purpose of Praise and Worship team is for students to grow in their own worship of God individually and as part of a team that will lead worship during weekly chapels at FRCS. Students will have the opportunity to orchestrate a purposeful musical set that corresponds with the theme of each chapel throughout the year. The students will learn and play a variety of musical styles and selections. Emphasis will be placed on learning to play with sensitivity to the lyrics and variation of the dynamics, tempo and vocal/instrumental arrangements within the music. Technical aspects of praise and worship will also be practiced such as the audio mixing, sound reinforcement and computer presentations. The spiritual component of our team will be a main emphasis and various aspects of worship will be studied throughout the year along with having designated times for prayer. Students who make a commitment to the team will be expected to attend regular rehearsals at a designated time each week. It may vary for each person depending on their role. Students will also be expected to be responsible for their own music, instrument and helping the team with equipment tear down and set up as necessary.

National Honor Society

Students involved in NHS learn how a large organization operates and are provided an opportunity to be involved in a real-life government. They are given the chance to be active in a group of peers, doing service projects for the community, and they learn how to create and run a project on their own. An NHS student must carry a credit load of 5 core class credits, participate in at least 10 hours of personal community service per semester comprised of at least two different projects, and contribute to the group projects each semester, while maintaining a GPA of 3.5, and portraying a Christ-like attitude. The Selection Procedure begins by filling out an application that is available upon request from the NHS advisor late in the spring semester. Applications must be returned by the specified date and time (may change year to year). Late applications will not be accepted. Per National NHS Bylaws, the principal has final say on acceptance or denial of all applicants.

NHS DISCIPLINE AND DISMISSAL PROCEDURES: In accordance with the Discipline and Dismissal Procedures outlined in the National Bylaws, members who fall below the standards which were the basis for their selection shall be promptly warned in writing by the Chapter Adviser and given a reasonable amount of time to correct the deficiency, except that in the case of flagrant violation of school rules or civil laws a member does not necessarily have to be warned. If after a written warning, the member still does not correct the deficiency, they will be requested to appear before the Faculty Council where the appropriate discipline and/or dismissal will be decided. For dismissal, a majority vote is required. A member who is dismissed may appeal the decision of the Faculty Council to the principal. Failure to turn in service hours properly and on time, and after a written warning has been issued, is grounds for dismissal. The Faculty Council shall determine when an individual has exceeded a reasonable number of warnings.