

**Front Range Christian
Junior/Senior
High School**

**Academic Course Catalog
2009-2010**

**6637 West Coal Mine 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 graduate from FRCS, a student must not only meet the course requirements outlined below, but must be enrolled full-time for at least the entire senior year.

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 2011

HONORS TRACK Requirements:

Subject	Credits
Bible ***	4
Math	4
Social Sciences	4
Language Arts	4
Natural Sciences	4
Computer Technology* *	0.5
Physical Education	0.5
Foreign Language (through level 3)	2
Fine Arts (Speech required)	1.5
College/Career Planning	0.5
Practicum ****	1
Total Carnegie Credits	26.0

Student must complete at least 4 Honors/AP/CCP courses; at least 2 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
Computer Technology*	0.5
Physical Education	0.5
Foreign Language (through Level 3)	2
Fine Arts (Speech required)	1.5
College/Career Planning	0.5
Practicum ****	1
Total Carnegie Credits	26.0

STANDARD TRACK Requirements

Subject	Credits
Bible ***	4
Math*	3
Social Science	4
Language Arts	4
Natural Sciences	3
Computer Technology* *	0.5
Physical Education	0.5
Foreign Language (through level 2)	2
Fine Arts (Speech required)	1
Practicum****	1
<u>(Work Study included)</u>	<u>1</u>
Total Carnegie Credits	24.0

* Must complete through Algebra 2

**Microsoft Applications I is a Pre-Requisite to this requirement. If MS I has not been completed, 1.0 credits including MS 1 are required.

*** Students must complete 1.0 credits of Bible for every year they attend FRCS with other electives filling the gap.

**** Students must complete 0.25 credits or practicum for every year they attend FRCS with other electives filling the gap.

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.

Transcripts

Official transcripts can be requested from the main office or the Guidance Counseling Office. A request form can be obtained from the student lounge at any time or from Guidance Counseling Office.

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 Educational Committee. Again, this is awarded on a very limited basis and only when the necessary credits cannot be earned with the classes that FRCS offers.

Test Out Credits

On occasion, a student may already possess a proficiency in a subject area normally required for graduation, for example technology. Under these circumstances, a student may “Test Out” of the class. If the student can score an 80% or higher on a given “Test Out”, they may receive credit for the course, but may not earn a grade. For a student to “Test Out” of any particular subject requires prior approval by the principal and the department chair for the given subject. The test must be administered by staff personnel in the given department.

Class Rank

Class rank is a relative standing of a student in their class and is determined by cumulative grade point average (GPA).

“Off” Periods

All students in 7th through 11th grades are required to carry a full class load meaning they do not have any “off” periods. 12th grade students alone are allowed to have “off” periods if they have met all their graduation requirements. During “off” periods seniors may leave campus if they sign out at the front desk. Upon return to school, seniors must then sign in. If 12th grade students wish to remain at school during off periods, they must confine themselves to the commons or the **Senior Lounge** located in the library.

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, daily classes are worth 0.5 credits per semester and Wednesday only classes are worth 0.25 credits per semester. Beginning with the 2009-2010 school year, junior high students will **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 MS 1 and Spanish 1 as well.

Honors Class/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 Honors, AP, or a CCP class, they must meet the following criteria:

- Be recommended for the class by their current teacher for that subject
- Be ranked in the top 1/3 of their graduating class

- 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 an 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 Northwest Nazarene University (NNU). The NNU CCP program received accreditation through the National Alliance of Concurrent Enrollment Partnerships and the classes have an excellent rate of transferring the credits to other major colleges and universities.

Students will be expected to purchase their own books for both the AP and CCP courses. The approximate fee for the CCP courses beginning the fall of 2010 is \$100 per college credit hour. These classes usually count for 4, 6 or even 8 college credit hours/per year; Ex. \$100 x 6 college credits= \$600; \$100 x 8 college credits = \$800.

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 credits 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:

Grade Points for Most Classes	AP or CCP Classes	Honors
Classes		
A= 4.0 points	A= 5.0 points	A=4.25 points
B= 3.0 points	B= 4.0 points	B=3.25 points
C=2.0 points	C=3.0 points	C=2.25 points
D=1.0 points	D=1.0 points	D=1.0 points
F= 0 points	F= 0 point	F=0 points

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
Additional English, Math or Science	1 credit
Social Science	2 credits
Additional (World languages, non-doctrinal religion, philosophy)	<u>4 credits</u>

TOTAL CORE UNITS REQUIRED 16 credits

Standardized Testing

All students will be expected to come to school on their scheduled standardized test day. Students who are absent on these days, may be required to make up the exam on a Saturday and pay a fee of \$35 to the teacher who comes in on that Saturday to proctor the exam.

Students who obviously fail to perform to their expected ability (i.e.; who obviously do not take the exam seriously), may be expected to come in on that Saturday and re-take the exam, although no credit can be given for this re-take. The \$35 fee will be assessed.

7th Grade Junior High Students will take **the Otis-Lennon School Ability Test** and the **Stanford Achievement Test** in the spring of each year.

8th Grades Junior High Students and Senior High Students will take standardized testing in the fall of each year as follows:

8th and 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.

11th grade – **PSAT**[®]; the **PSAT**[®] is the annual practice test for the **SAT** national college entrance exam and is used as the qualifying exam for the **National Merit Scholarship** program.

Add/Drop Policy

Students may add or drop courses *within the first week that classes meet* if they have valid (written) reasons for the proposed change **AND** Teacher, Advisor, Principal and Parent approvals and signatures. Changes in Wednesday classes must be made before the second week. 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). 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 to 3 days. These are usually half-days for senior high students only. Individual teachers may elect to allow individual students (10th through 12th only) to opt out of the final only if the student has earned a semester grade of 93% (calculated as the average grade between the 2 quarters of that semester) or higher and does not have more than 4 combined absences/tardies during the semester for core day classes. All freshman are required to take all freshman level 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 core class.
- 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.
- ***FRCS will consider lifting the “Core” class requirement for sports if the student attends another school and this presents a scheduling conflict.***

- 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. The school reserves the right to call local authorities for students with unexcused absences. 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.

Sample National Colleges & Universities **Minimum Recommended High School Coursework & National Test Scores**

Most Competitive

Class Rank: Top 10% **Acceptance:** Accept fewer than 20% of applicants.
Test Scores: ACT 30-36 and SAT 1300-1600

Recommended Course Work

Language Arts*	4 years
Math*	3-4 years
Social Studies *	3-4 years
Science *	3-4 years
Foreign Language	3-4 years

Highly Competitive

Class Rank: Top 10-35% **Acceptance:** Accept 20- 40% of applicants.
Test Scores: ACT 27-32 and SAT 1150-1450

Recommended Course Work

Language Arts*	4 years
Math*	3-4 years
Social Studies *	3-4 years
Science *	3-4 years
Foreign Language	3-4 years

Very Competitive

Class Rank: Top 35-50% **Acceptance:** Accept 30-75% of applicants.

Test Scores: ACT 24-30 and SAT 1100-1300

Recommended Course Work

Language Arts	4 years
Math	3-4 years
Social Studies	3 years
Science	3 years
Foreign Language	2-3 years

Competitive

Class Rank: Top 50-65% **Acceptance:** Accept 50-85% of applicants.

Test Scores: ACT 22-27 and SAT 1000-1200

Recommended Course Work

Language Arts	4 years
Math	3-4 years
Social Studies	2-3 years
Science	2-3 years
Foreign Language	2 years

Less Competitive

Acceptance: Accept 75% or more of applicants.

Test Scores: ACT 21 and below and SAT 1000 and below

Recommended Course Work

Language Arts	4 years
Math	3-4 years
Social Studies	2-3 years
Science	2 years
Foreign Language	2 years

* Advanced Placement strongly encouraged

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 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. Each member of the Council reviews the application and places a vote (yes or no); majority rules. 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.

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 Pet. 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 examine the lives of those who lived out their faith before them through an overview of the church's 2000 years of history, beginning at Pentecost. A survey course of world religions is also offered to upper-classmen as they prepare to enter a post-high school world of religious pluralism and "tolerance". Apologetics helps students wrestle with some of the most popular challenges to the Christian worldview. In their senior year students may take Marriage and Family in order to ground them in the principles that God established for healthy marriages.

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 Year - (2 of the following)

- Biblical Apocalyptic Literature
- Church History
- Bible in Context
- Theology or World Religions
- Becoming Like Christ

Senior Year - (2 of the following)

- Marriage and Family
- Apologetics
- Bible in Context
- Becoming Like Christ

COURSE DESCRIPTIONS

Apologetics

Grade Level: 11th and 12 Grade

The Case for Faith and The Case for Christ, Lee Strobel, Zondervan

One Semester/0.5 Credits

Approved by ACSI

Core Class

In a pluralistic setting where many religions and ideologies aggressively compete for attention and allegiance, Christians are challenged to *understand* Christian truth and its relevance to all of life, to *declare* Christian truth with integrity and clarity, and to *defend* Christian truth with intellectual vigor and courage. Apologetics will orient students to fulfill these urgent tasks through the disciplines of lectures, discussions, media presentations, prayer, contemplation, and written assignments. Students will be challenged to explore and defend their faith in Christ. Using Lee Stroebel's Student Version of The Case for Faith and The Case for Christ students will read, study, research, and discuss Scriptures with the overriding goal of acquiring necessary tools for defending their faith in a fallen world. Specific topics addressed include: How Can a Good God Allow Suffering?; Is It Intolerant to Claim That Jesus Is The Only Way to God?; How Reliable Is The New Testament?; Are Miracles Possible?; Is Man The Result of Intelligent Design or Naturalistic Mechanisms?

Becoming Like Christ

Grade Level: 11th & 12th

Text: *Beginning in Jesus, Connecting in Jesus, Growing in Jesus, Sharing Jesus*;
Zondervan

1 year/ 0.5 credit

Approved by ACSI

Elective Class/Bible Credit

Students may only earn Bible credit for this class one time. If they choose to take the class again, it will be counted elective credit the second time.

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.

Bible in Context

Grade Level: 11th-12th

Text: Bible and Study Guide

Pre-requisites: None

1 semester/ 0.5 credits

Approved by ACSI

Elective/Core class

The Bible was originally written by people and to people who lived a long time ago in places far away, and whose cultures and worldviews were often very different from ours in 21st-century America. This class will seek to narrow that cultural, contextual “gap” to help enable students to appreciate a deeper understanding of God’s Word and its application to our lives today. The class will focus in particular on Biblical textual studies in Exodus, Matthew, Acts and certain Pauline Epistles, studying these Scriptures in their contemporary, surrounding contexts of Egyptian, Jewish and Greco-Roman cultures, religions, worldviews and practices – respectively. Each textual and cultural study will compare and contrast these ancient cultures to American culture and practice to better enable students to appreciate where the Bible intersects with their lives and witness today. The American media and entertainment industry – including scenes from popular movies – will be a significant window used in examining American culture today. This class is designed and intended to create and/or nurture a hunger for God’s Word; an eagerness to apply its principles into every day, personal practice; and to better equip students to make a real impact – a real difference – in the world today in Jesus’ name.

Biblical Apocalyptic Literature

Grade Level: 11th and 12 Grade

Bible

One Semester/0.5 Credits

Approved by ACSI

Core Class

This one semester course is designed to introduce upperclassmen to the major Biblical texts, terms and interpretive styles that are of an apocalyptic nature. Students will explore methods for interpreting apocalyptic passages that reveal both past and future events in the world and the church as well as the principles for living drawn from these.

Church History

Grade Level: 11th and 12th

Text: *Christian History Made Easy*, Rose Publishing

1 semester/0.5 credits

Approved by ACSI

Students encounter the major topics and events from the inception of the Church to today. Students examine how the Church hammered out orthodox doctrines in the fire of heretical challenges to Biblical Christianity. Attention will also be given to the Church's role in world history and its relation to secular states. Students will understand how the Church split into Protestant, Catholic, and Orthodox expressions and further fractured into the denominations that exist today.

Scripture is the standard by which students view the world and their study of history. Emphasis is placed on key events and lives of significant individuals whose efforts God used to shape Christianity in our world. Course structure will include lectures, class discussions, media presentations, student-led sessions, and readings designed to give students a grasp of the broad sweep of Christianity. It will also provide each student the opportunity for in-depth research on a narrow topic of interest to him or her.

Israel In Depth

Grade Level: 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

Pre-requisites: None

1 semester/ .5 credit

Approved by ACSI

Bible Credit/Elective Class

Seniors may not count on this course to fulfill their necessary Bible graduation credits since the trip will not take place until after graduation takes place.

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.

Life of Christ

Grade Level: 9th

Text: *The Life of Christ*; Positive Action

Pre-requisites: None

1 year/ 1.0 credits

Approved by ACSI

Core Class

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.

Marriage and Family

Grade Level: 11th & 12th

Wednesdays 2 semesters/ 0.5 credits or

Core days 1 semester/ 0.5 credits

Approved by ACSI

Elective/Core class

This course is designed to provide students with a Biblical view of marriage and the family presented in a positive manner. The course will focus on the journey from awareness through family as an ongoing relationship based on the solid foundation of God's word. Emphasis will be placed on discovering God's principles and guidelines for achieving and sustaining a Christian marriage and family. The course will emphasize student participation in the instructional process. The course is designed to challenge and provide opportunities for students to minister God's grace to those hurt by a breakdown of marriage and the family.

New Testament Epistles

Grade Level: 10th

Text: *Bible, Understanding the Epistles & Revelation*, Blomberg.

1 semester/ 0.5 Credits

Approved by ACSI

Core Class

The New Testament epistles contain God's inspired guidelines for Christian living and Christian witness. This course surveys the epistles in order to help encourage and equip students to apply God's guidelines to their own lives and witness. Using the Book of Acts as a chronological template, students will also learn about the new beginning and expansion of God's Church, from "Judea, Galilee, Samaria" to the "ends of the earth."

Theology

Grade Level: 11th and 12th

Text: *Decide for Yourself*, Dr. Gordon Lewis

1 semester/ 0.5 credits

Approved by ACSI

Elective/Core class

Students are guided through a survey of the great Christian doctrines. They will encounter the major doctrinal areas covered in systematic theology courses. Students will be challenged to put ideas and assumptions to the test of Scripture, trained to eschew name calling and denigrating others with differing orthodox ideas, consider doctrines carefully and face theological issues honestly and biblically. **This class may be offered on a rotational basis.**

World Religions

Grade Level: 11th – 12th

Text: *So What's The Difference*; Regal Publishing

Pre-requisites: None

1 year/ 1.0 credits

Approved by ACSI

Core Class

This course provides the student with a general overview of the major religions that exist in the world today as well as an understanding of their origins, development, and adaptation to present day social and political situations. World Religions is the study of Biblical Christianity and how it compares to major world religions and belief systems. Students will study and analyze other belief systems and compare them to Biblical standards of truth. World Religions will also delve into the challenges to Biblical Christianity in a culture that increasingly promotes diversity, pluralism and a “new tolerance”. In addition to the study of major religions this course will provide insight into various alternate spiritualities of our day and how they influence contemporary religious thought.

This class may be offered on a rotational basis.

FOREIGN LANGUAGE

Overview

Our Spanish program begins in 8th grade with Spanish 1. The courses 1, 2, 3, and CCP 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

To meet current College Prep track graduation requirements, students MUST complete through Spanish 3

8th grade or Freshmen Year

- Spanish 1

Freshman or Sophomore Year

- Spanish 2

Sophomore or Junior Year

- Spanish 3

Junior or Senior Year

- Spanish 3
- CCP Spanish 101-102

Senior Year

- CCP Spanish 201-202

COURSE DESCRIPTIONS

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 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.

Spanish 2

Grade Level: 9th or 10th

Text: ¡Exprésate!, Holt, Rinehart and Winston

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. The course also focuses on the "5 C's" of the National Foreign Language Standards which consist of communication, culture, connections, comparisons, and communities.

Spanish 3

Grade Level: 10th or 11th

Text: ¡Exprésate!, Holt, Rinehart and Winston

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. The course also focuses on the "5 C's" of the National Foreign Language Standards which consist of communication, culture, connections, comparisons, and communities. Students will be able to use the tenses from Spanish 2 along with subjunctive mood, future, conditional, create formal and informal commands.

CCP Spanish 101-102

Grade Level: 11th-12th

Text: Vistas: Introducción a la lengua española, 3 Vista Higher Learning, 2008.

Pre-requisite: Spanish 3 or approval

1 Year/ 1.0 credits by FRCS

8.0 credits by NNU

Approved by NCAA

Core Class

Fee: Approximately \$800

Beginning Spanish is designed to establish strong speaking, reading, listening, and writing skills in Spanish. Throughout the course, conversation and practice are emphasized, along with grammar and mechanics. Culture and cultural themes are also integrated into classes. Towards the end of the course, you will write a short essay, and workbook activities will reinforce concepts learned and practice in class. During semester one, you will focus on the first eight chapters of the Vistas text and utilize the

workbook and additional materials. Supplementary materials included with the text, including online access to the VISTAS SuperSite course shell. **This class will offered on an interest only basis.**

CCP Spanish 201-202

Grade Level: 11th-12th

Text: Triangulo. Wayside Publishing. Una Vez Mas, Longman. Abriendo Paso Lectura, Prentice Hall

Pre-requisite: Spanish 3 or approval

1 Year/ 1.0 credits by FRCS

8.0 credit by NNU

Approved by NCAA

Core Class

Fee: \$520

This course is designed to give students practice at an advanced level Spanish. Students will focus on improving skills in the areas of reading, writing, listening, and speaking in Spanish. The course will review grammar in depth and grammar in context. The course will expand vocabulary and give students ways to use it in context. As a result, the course will broaden students' knowledge of culture in the Spanish speaking world. **This class will offered on an interest only basis.**

LANGUAGE ARTS

OVERVIEW

Front Range Christian Junior/Senior High School Instructional Guide for 7-12 Grade Language Arts

Course Description:

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.

Grade Overview:

- 7th Grade **Language Arts 7:** The main aim at this level is for students to become better 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 grammar workbook exercises and writing assignments. Specific novels are *The Outsiders* and *Bearstone*. Several mini-research projects will be assigned, with one major I-search research project. Students will be introduced to APA and MLA guidelines for research.
- 8th Grade **Language Arts 8:** The main aim at this level is to 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.
- 9th Grade **Grammar and Composition:** The main aim at this level is to 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: The main aim at this level is to 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.

10th Grade

World Literature: 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: 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 the AP Literature class.

11th Grade **Honors American Literature:** The Honors American Literature course examines American literature as it relates mainly to United States history. Emphasis is placed on the connection between the events of the day and literature produced as a result of those events. Literature is also examined for its biblical value and truth. This course challenges students with rigorous writing and editing instruction, higher work expectations, and numerous and in-depth literature selections. The class includes novels assigned over summer and winter breaks, extra enrichment activities, advanced writing and vocabulary exercises, and increased course load and classroom participation. The course is designed to prepare students for AP or college coursework. The 6 Traits of Writing method will be implemented in all major written assignments. Writing instruction will include narrative, descriptive, persuasive, and expository modes of discourse, focusing on effective communication and language skills. Some of the texts to be read include *The Scarlet Letter*, *The Great Gatsby*, *The Crucible*, and approved outside reading.

12th Grade **British Literature:** The main aim at this level is to examine British literature as it relates to its history and culture. The following time periods are covered: Medieval, Renaissance, Industrial Revolution, Romantic, Victorian, and Modern. There will be opportunities to write critical literary analysis essays, one to two research papers using the MLA format, apply the elements of the 6 Traits of Writing, and write poems, essays, and short stories. Students will also learn to evaluate their writing and that of other students through peer-editing skills, creativity, and credibility. Examples of texts to be read are *Macbeth*, an approved mystery novel, *Lord of the Flies*, and selected readings from the text.

AP Literature: The main aim at this level is to engage students in an intensive study of representative works from various periods and genres, concentrating on works of recognized literary merit. Writing focuses on the critical analysis of literature and includes expository, analytical, and argumentative essays. Summer reading and writing are required, and extensive homework should be expected.

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.

The Academic Standards integrated into the Language Arts courses are outlined below:

Freshmen Year:

Upon completion, students will:

- Identify, define, discuss & apply the “6 Traits of Writing”
- Identify, implement & apply proper use of grammar & editing skills
- Develop & write a thesis statement
- Write multi-paragraph essays that demonstrate an understanding of the writing process
- Write a five paragraph expository essay
- Write a five-paragraph personal experience essay
- Write a five paragraph persuasive essay
- Write a five-paragraph comparison/contrast essay
- Write a timed response to a prompt
- Write two literary analysis essays
- Write a research paper using the MLA format
- Write an English sonnet, short story & poem
- Recognize & implement life applications of biblical truths through writing assignments, discussions/presentations and/or projects
- Implement college preparatory skills & research skills into their day-to-day activities
- Memorize & recite Shakespearean text

Sophomore Year:

Upon completion, students will:

- Paper using the MLA format
- Identify & discuss the universal themes in literature & how they trace back to the biblical foundations of the world
- Identify & explain various types of literature through writing assignments
- Identify & implement proper use of grammar & editing skills & apply them in written activities, assignments & in a research paper
- Refine the process of writing a thesis statement
- Write a five paragraph expository essay
- Write a five-paragraph personal experience essay
- Write a multi-paragraph essay
- Write a timed response to a prompt
- Write a world, author research
- Write an original poem & short story
- Recognize & implement life applications of biblical truths through writing assignments, discussions/presentations and/or projects
- Memorize & recite Shakespearean text
- Identify & apply the “6 Traits of Writing” in all assignments

Junior Year:

Upon completion, students will:

- Analyze & discuss American literature from Native American folklore to contemporary authors & playwrights
- Display abstract & critical thinking skills through writing assignments, group activities, oral presentations & projects.
- Develop & apply pre-college strategies
- Write multiple research papers using MLA format
- Expand the basic essay format to more sophisticated essays
- Engage in extensive reading assignments to become skilled interpreters of more difficult prose
- Compare, contrast, write on & discuss major elements of fiction.
- Define, acquire & use new vocabulary words
- Write original stories & feature articles
- Memorize & recite selected poems & passages of literature
- Write a timed response to a prompt
- Write extensively on the lives, influences, & philosophies of various authors
- Present ideas & interpretations for evaluation and debate
- Identify & apply the “6 Traits of Writing” in all assignments

Senior Year:

Upon completion, students will:

- Write several critical literary analysis essays
- Identify & apply the “6 Traits of Writing” in all assignments.
- Write 1-2 research papers using MLA format
- Review & reinforce methods of writing development
- Write original poems, essays & short stories
- Master sentence & paragraph writing Preserve unity of character, plot & setting
- Select language appropriate to tone, mood, point of view, etc
- Evaluate his/her writing & the writing of other students by judging style, creativity & believability.
- Read from the following genres in British Literature: drama, epic poem, satire, novel & poetry.
- Analyze & discuss themes from classic pieces of literature from a historical & biblical context.
- Recreate a scene from a play
- Demonstrate meaning of literature through oral reading & presentation

COURSE DESCRIPTIONS

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.

(Honors) American Literature

Grade Level: 11th

Text: *The American Experience*; Prentice Hall

Pre-requisites: Grammar and Composition; World Literature; Prior Approval Needed

1 year/ 1.0 credits

Approved by: NCAA

Core Class

The Honors American Literature course will present a study of American literature from Native Americans to contemporary authors. Students will study this literature to obtain a greater understanding of the American character, identify recurring themes, and apply them to their own lives. Literary movements (with brief historical backgrounds) will be introduced as they relate to the literature studied. In addition to the common assignments, writing instruction will include narrative, descriptive, persuasive, and expository modes of discourse, focusing on effective communication and language skills.

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

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.

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

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

MATH 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. Advanced 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 within their high schools years. High schools credit will not be given to 8th grade students who complete Algebra and Geometry 1 during their 8th grade year beginning with the class of 2014.

Freshmen Year

- Algebra and Geometry I or
- Algebra and Geometry II

Junior Year

- Trigonometry/Pre-Calculus I
- Honors Trigonometry

Sophomore Year

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

Senior Year

- Trigonometry/Pre-Calculus II
- AP Calculus AB
- Advanced Geometry

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.

(Honors) 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. Students that maintain a 93% average will only be required to complete half of the assignments. Students will be given the opportunity to experience math through hands-on lab activities that are in addition to the regular assignments.

Advanced Geometry

Grade Level: 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 and Geometry II and who desire a more in-depth and hands on study of key geometry concepts. The course is designed to further develop and build upon the geometry foundation that is covered in the Algebra and Geometry I, Algebra and Geometry II, and Pre-Calculus/Trigonometry courses. 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 become highly proficient in the use of the software as part of the coursework.

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

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.

Trigonometry/Pre-Calculus 1

Grade Level: 11th or 12th

Text: Advanced Math: Saxon

Prerequisites: Algebra and Geometry II or Algebra 2 by teacher recommendation

1 Year/ 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

Trigonometry/Pre-Calculus II

Grade Level: 11th, 12th

Text: Advanced Math 2nd Edition; Saxon

Prerequisites: Trig/Pre-Calculus I

1 year/ 1.0 credits

Approved by NCAA

Core Course

TI-83 or TI-84 graphing calculator required

This course follows Pre-Calculus/Trigonometry I. This course continues teaching higher, more difficult algebraic concepts and introduces trigonometric proofs and identities. Use of graphing calculators will be progressed. It utilizes “incremental development” to present the lessons to provide a solid foundation that encourages mastery of all concepts. This class covers approximately 65 lessons over the course of the year. Homework usually consists of 15 problems per day with testing approximately every three weeks

(Honors) Trigonometry/Pre-Calculus

Grade Level: 10th or 11th

Text: *Advanced Math 2nd Edition*; Saxon

Prerequisites: Algebra and Geometry II

1 Year/ 1.0 credits

Approved by NCAA

Core Course

TI-83 or TI-84 graphing calculator required

This course follows Algebra & Geometry II. It moves through the course material at twice the pace of the regular Trig/Pre-Calculus I and II courses, completing that material in one year. This course introduces higher, more difficult algebraic concepts and incorporates geometry concepts including geometric proofs. Trigonometric problems are covered in depth 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 the entire text of 125 lessons over the course of the year. Homework usually consists of 18 problems per day with testing approximately every three weeks.

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 4 Natural Science credits

Freshman Year

- Biology
- Honors Biology with lab

- Chemistry
- CCP Human Biology

Sophomore Year

- Earth Science
- Honors Earth Science with lab

Senior Year

- Physics
- Honors Physics
- Anatomy & Physiology
- CCP Human Biology

Junior Year

Elective Sciences

- Forensic Science

COURSE DESCRIPTIONS

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.

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

Pre-requisite: Prior approval

1 year/ 1.0 credits

Approved by: NCAA

Core Class

Honors Biology will parallel the units offered in our traditional Biology course, but will be more in-depth, move at a faster pace, and involve more critical thinking on the student's part. 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. This class includes lab work, individual and group research and project work. Students are required to take a separate lab. This class is offered on an interest only basis.

(Honors) Biology Lab

Grade Level: 9

Text: *Biology*; Holt

Pre-requisite: Prior approval

1 year/ 0.5 credits

Approved by: NCAA

Core Class

Fee: \$50 for consumable supplies

Biology is the 9th grade science course offering at FRCS. Those students who have been approved and registered for Honors Biology must take this year-long additional lab. During this lab, students will learn to safely and accurately perform a variety of procedures, utilize the scientific method of problem-solving, conduct research and interpret information. This class is offered on an interest only basis. On the occasion when there is not enough interest for the whole course, we may offer just the lab.

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.

(Honors) Chemistry

Grade Level: 11th

Text: *Chemistry*; Addison-Wesley

Text: Pre-requisite: Algebra & Geometry I plus prior approval

1 year/ 1.0 credits

Approved by: NCAA

Core Class

This course is intended for the student serious about a science, engineering, or medical field career. 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. In addition, students will get hands-on practice with the equipment used in chemistry and with many of the chemicals in our world. To expand the curriculum to an honors class, the pace of material covered is accelerated from that of Chemistry, a research paper is incorporated into the second semester. Students are required to take an additional lab.

(Honors) Chemistry Lab

Grade Level: 11th/12th

Text: *Chemistry*; Addison-Wesley

Pre-requisite: Algebra & Geometry I or Algebra 1

1 year/ 0.5 credits

Approved by: NCAA

Core Class

Fee: \$50 for consumable supplies

Chemistry is the 10th grade science course offering at FRCS. Those students who have been approved and registered for Honors Chemistry must take this year-long Wednesday lab. During this lab, students will learn to safely and accurately perform a variety of lab procedures, utilize the scientific method of problem-solving, conduct research and interpret information.

Earth Science

Text: *Earth Science*; Glencoe

Grade Level: 10

1 year/ 1.0. credits

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.

(Honors) Earth Science

Text: *Earth Science*; Glencoe

Grade Level: 10

1 year/ 1.0. credits

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. The honors class will move at a faster pace and cover

material more in depth. This class will require participation in an additional lab. This class will run on an interest only basis.

(Honors) Earth Science Lab

Text: *Earth Science*; Glencoe

Grade Level: 10

1 year/ 1.0. credits

Approved by: NCAA

Core Class

Fee: \$50 for consumable supplies

This class is designed for students who are currently enrolled in the Earth Science or Honors Earth Science (theory) course and have met the considerations for participation in an honors class at FRCS. This course requires students to engage critical and creative thinking skills while conducting advanced-level labs. Students must be comfortable with Independent or small group work and demonstrate proficiency with measurements, handling labs tools, and data analysis. Lab activities will revolve around earth science topics (such as rocks, minerals, soil, and landforms) and environmental issues (soil erosion, landfill decomposition, mining, acid rain, sustainable energy, etc.) To a non-Christian, science is an attempt to make sense of the natural world around us. To a Christian, science is a study of our amazing Creator --- a God of order – who is worthy of our awe.

CCP Human Biology

Grade Level: 11th/ 12th

Text: *Hole's Essentials of Human Anatomy and Physiology – 9th Edition*; Glencoe-McGraw Hill

Pre-requisite: Biology and prior approval required

1 year/ 1.0 credits

Approved by: NCAA

Core Class

CCP Human Biology is a college 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 the gross anatomy and physiology of the human organ systems. Students will progressively describe atomic, molecular, and cellular organization, and then proceed to an understanding of tissues, organs, and organ systems, as well as some of the disease states that each may manifest. Students are required to take a separate with this class. (This class is offered on an interest only basis.) Students who successfully pass this class will be awarded 3 credits by NNU.

CCP Human Biology Lab

Grade Level: 11-12

Text: *Hole's Essentials of Human Anatomy and Physiology – 9th Edition*; Glencoe-McGraw Hill

Pre-requisite: Biology and prior approval required

1 year/ 0.5 credits

Approved by: NCAA

Core Class

Fee: \$50

11th or 12th grade students who have been approved and registered for CCP Human Biology must take this year-long lab. During this lab, students will perform a variety of human diagnostic and monitoring tests, animal dissections, critical thinking activities and computer research. Emphasis is placed on lab safety and accuracy, proper use of lab equipment, scientific method of problem-solving and critical thinking skills. (This class is offered on an interest only basis.) Students who successfully pass this class will be awarded 1 credit by NNU.

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.

(Honors) 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

This course focuses on the study of honors physics and covers topics focused on advanced motion, statistics, and electricity and magnetism. The course will incorporate advanced problem solving techniques and lab work as well as research and discussion of general relativity. The study of relativity will culminate with students completing an in-depth essay on a specific aspect of the topic. Students may be required to attend an additional lab.

SOCIAL SCIENCE 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 4 credits of Social Science:

Freshmen Year

- Geography

Junior Year

- American History
- CCP U.S. History

Sophomore Year

- World History

Senior Year

- Modern Civilizations and Civics
- CCP U.S. History

Electives

- Psychology

COURSE DESCRIPTIONS

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

CCP American History to 1877; H203

CCP American History from 1877; HS204

Texts: George Tindall & David Shi. *America: A Narrative History*. James West Davidson & Mark H. Lytle, *After the Fact: The Art of Historical Detection*. John F. Kennedy & Ted Sorensen. *Profiles in Courage*.

Solomon Northrup, *Twelve Years a Slave: Narrative of Solomon Northrup*

Grade Level: 11th & 12th

1 year/ 1.0 credits from FRCS

6 credits from NNU

Approved by: NCAA

Core Class

Fee: Approximately \$600

These Concurrent Credit courses are challenging, year-long, comprehensive overviews of U.S. history from European exploration to Reconstruction's conclusion. Solid reading and writing skills, along with a willingness to devote a college-level commitment to homework and study, are necessary to succeed. Emphasis is placed on reading, developing critical and evaluative thinking skills, essay writing, interpretation of original documents, historiography, philosophy of history from a Christian perspective, and passing exams consisting of subjective and objective questions. Content emphasis is on going beyond "what happened", and on analyzing "why and how" political, social, economic, and religious events unfolded through the English colonies in North America, the Revolutionary War and the development of the new American government from Washington through Polk, Western expansion, the Mexican American War, origins of slavery, the Civil War and Reconstruction to Hayes' administration. In addition, students will explore the broad themes of American history to determine their validity and usefulness in the historical process.

The second semester will cover U.S. history from Reconstruction's conclusion to current times, unfolding through the New South and the Old West, Industrialization, the Gilded Age, Progressivism, the Rise of Labor, World War I, the Roaring Twenties, the Depression, World War II, the Cold War, Civil Rights, and Conservatism. In addition, students will explore the broad themes of American history to determine their validity and usefulness in the historical process.

This class is worth 6 college credits.

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 credit

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.

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 precious 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

(**Western Civilizations or Eastern Civilizations – on a rotational basis**)

Grade Level: 10th

Text: *World History Connections to Today*; Prentice Hall

1 year/ 1.0 credits

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.

ELECTIVES

**Not all electives listed here will be available every year.
Please note that many of the elective courses have a fee attached. Please keep
this in mind when choosing an elective.**

Fine Arts Electives

Choir
Dance (or Physical Education Credit)
Drama
Advanced Art
Martial Arts: Karate for Christ
(or Physical Education Credit)
Praise and Worship (No credit awarded)
Speech (This is required for graduation)
Vocal Performance Ensemble
Yearbook (or Technology Credit)

General Electives

College and Career Planning
Forensic Science (Science Credit)
Poetry and Creative Writing (Language Arts Credit)
Psychology (Social Science credit)
Life Skills

Physical Education Electives

Cheer Stunt and Tumbling
Dance (or Fine Arts Credit)
Martial Arts: Karate for Christ
(or Fine Arts Credit)
Weightlifting
Health and Fitness

Technology Electives

Microsoft Applications
Robotics
Video Production
Web Design
Yearbook (or Fine Arts Credit)

FINE ARTS

COURSE DESCRIPTIONS

Advanced Art

Grade Level: 11th – 12th (10th if there is room in class)

Pre-requisite: None

1 year/ 0.50 Credit

Elective Class: Fine Art Credit

Class size limited to 16.

Fee: \$10

This class will give the students the opportunity to develop their skills and confidence in creating, decision making, problem-solving, analyzing and judging works of art. Drawing using various media, painting, collage, sculpture, ceramics and printmaking will be the art forms used to create works of art. Art appreciate and history will also be an integral part of the curriculum. The students will study the art elements, principles and rules of composition in famous works of art and use them in their own compositions. The art program gives the opportunity to study God as the Creator and His creation as inspiration to artist and art students

Choir

Grade Level: 9th thru 12th

No pre-requisite

1 year/ 0.50 credit

Elective Class: Fine Arts Credit

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 training and the experience of singing collaboratively with other students. 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.

Dance (Or Physical Education Credit)

Grade Level: 9th thru 12th

No pre-requisite

1 year/ 0.50 credit

Elective Class: Fine Arts Credit or P.E. Credit

Fee: \$340 per year

Payments may be made directly to Revive Studio monthly.

Students will begin with learning the foundational concepts of: (1) Proper stretching and strengthening during warm up using correct body placement. (2) Dancing with their body in alignment – using their center, the balance point of the body. (3) Proper technique – practiced across the floor (4) How to apply the steps learned in technique practice to the choreography that they learn. (5) How to listen to the music and dance to the beat of the music with the proper intent/message of the song.

TAP

In this class you will learn how to use your feet as percussion instruments! We will focus on the the style of "Rhythm Tap" while learning a few of the "flash" moves of "Broadway Tap". Rhythm tap is the style of tap that you see the hoofers doing, people like Savion Glover, Gregory Hines, Sammy Davis Jr, Henry LeTange and many more! Some of the steps you will learn are: paddles, flaps, shuffles, riffs, wings, pull backs, toe stands and many more! Requirements: Tap shoes, water bottle and danceable clothing (No jeans or clothes that restrict movement. No low cut shirts or stomachs showing.)

Jazz

In this class you will learn the style of jazz dancing. You will learn a variety of steps that would be found in jazz, lyrical and contemporary dance. Some of the steps we will focus on are: jazz walks, pas de bourrees, pirouettes, leaps, pique turns, battements (kicks), chaines. . . among many others! Requirements: Water bottle, black jazz or black ballet shoes, water bottle and dance clothes. Each student must wear a leotard under their clothes, jazz pants or capris, and they may wear a shirt over their leotard.

Drama

Grade Level: 9th thru 12th

No pre-requisite

1 year/ 0.50 credit

Elective Class: Fine Arts Credit

Drama class is designed to build confidence and provide skills in basic acting and play production. Included are group activities to train and prepare the class for presentations to be performed in class, for elementary students and for children at avarous day care centers in the neighborhood. Presentations may include short skits and/or puppet shows. The activities are designed to help each student feel successful while learning the basic techniques of stage performance and/or puppetry.

Martial Arts: Karate for Christ

(See Physical Education for Course Description)

Praise and Worship

Grade Level: 9th – 12th

Pre-requisite: None

1 year

Elective Class: No credit awarded

The purpose of Praise and Worship class 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 focus of the course is true praise and worship and various aspects of worship will be studied throughout the year. Students will strive to model a true worshipper for the student body as the team leads them in praises and

Speech/Debate

Grade Level: 9th – 12th

Pre-requisite: None

Speech 1 semester/ 0.5 Credits

Debate 1 semester/ 0.5 credits

Required Class: Speech is required and counts as a fine arts credit

Elective Class: Beginning in the fall of 2010, debate will be an elective and will count as a fine arts credit.

This is 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.

Vocal Ensemble

Grade Level: 9th – 12th

Pre-requisite: None

1 year/ .50 Credit

Elective Class: Fine Arts Credit

Fee: \$20

Try-outs are required. You will receive a call to schedule a simple try-out. Choosing this elective will NOT put into jeopardy a second choice if you are not selected for this course following try-outs.

This course will give students the opportunity to gain experience in performing 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. Each quarter will culminate in a theme dinner concert at Holy Grounds Shop for friends and family.

Yearbook

(See Technology for Course Descriptions)

GENERAL ELECTIVE COURSE DESCRIPTIONS

College and Career Planning

Grade Level: 1th

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.

Forensic Science

Grade Level: 9-12

Text: *Crime Scene Investigations* (The Center for Applied Research in Education)

1 semester/ 0.25 credits

Approved by: NCAA

Elective/ Science Credit

Fee: \$40 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.)

Poetry and Creative Writing

Grade Level: 9-12

Text: *Poetry in Three Dimensions*, Clark and Draper; *Getting the Knack*, Dunning and Stafford; *Best Loved Poems of the American People*, Doubleday; *100 Timeless Short Stories*, Guerre; *The Poet's Companion*, Addonizio

1 year/ 0.5 credits

Elective: Language Arts Credit

This course is designed to help students examine themes in poetry and analyze poetry, as well as learn about various forms, styles and techniques for writing poetry. In addition, this course will teach students to become better writers by giving them practice writing and applying techniques they have studied. Students will also learn how to write a short story, as well as read various short stories. This course is designed to help students gain confidence in their creativity and in their writing abilities.

Psychology

Grade Level: 11th & 12th

Text: *Basic Human Relational Needs*;

1 semester/ 0.25 credit

Approved by: NCAA

Elective Class: Social Science Credit

This course is offered on a rotational basis

This course is designed to instruct students in the basic concepts and tenets of historical and contemporary psychology. Special emphasis will be given to understanding 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.

Life Skills

Grade Level: 9th-12th

Text: None

1 semester/ .25 credits or

1 year/ 0.5 credits

This class is designed to teach students the necessary skills to head into the world post high school regardless of whether they are college bound or heading directly into the work forces. Home economics skills, personal finance, as well as automotive skills will be taught in this course. This course will be headed by FRCS staff and will involve parent volunteers.

PHYSICAL EDUCATION COURSE DESCRIPTIONS

Cheer Stunt and Tumbling

Grade Level: 9th-12th

Text: None

1 year/ 0.5 credits

Elective: Physical Education Credit

Cheer Stunt and Tumbling is designed for high school students who wish to participate in the Varsity or JV competitive stunt/tumbling programs at FRCS. Students in this course will have regular practices and will participate in local and regional competition. Student athletes will learn cheer/stunt rules, fundamentals, and skills

Dance (or Fine Arts Credit)

(See Fine Arts Electives for Course Description)

Health and Fitness

Grade Level: 9-12th

1 year/ 0.5 credits

Approved by: NCAA

Elective Course: Physical Education credit

The Health and fitness course is designed to encourage overall health and fitness among students; and present the Bible as the foundation for a healthy lifestyle. This class will deal with the integration of the physical, mental, social and spiritual dimensions of life through a variety of fitness and classroom activities.

Martial Arts: Karate for Christ (or Fine Arts Credit)

Grade Level: 9th-12th

No Prerequisites required

1 year. 0.5 credits

Elective: Physical Education or Fine Arts Credit

Students will learn the basics of martial arts form. Through class attendance and instruction, participation, quizzed and physical challenges, the students will learn and demonstrate their knowledge and ability to engage in martial arts. A fun educational class focused on building great martial artists and using our training as a way to worship and serve God. This class to Front Range starts with a short Bible study and open discussion about what the story is for us to learn, and how we can incorporate it into our lives. Then while focused on bettering ourselves, we train to make our bodies stronger and better. Every Wednesday students are expected to bring a water bottle and training

uniform (Sold separate from class tuition- \$36.99 at ProRank). Students will start as white belts and be expected to learn a series of basic motions, self defense techniques, forms, weapons training and earn different levels of belts. This exciting motivational program will help build confidences, self esteem, and be the perfect cross trainer for athletes of all skill levels.

Weightlifting

Grade Level: 9th-12th

1 year/ 1.0 credit

Approved by: NCAA

Elective Course: Physical Education Credit

This class is designed to serve as an introduction o the fundamental and practice of weightlifting. Students will learn the benefits of resistance training with both free weights and machine weights and safety will be emphasize as students learn to minimize the risk of injury while engaging in these exercises. Students will also learn proper warm-up techniques, stretching exercises and cardiovascular activities that should accompany a well-pounded weight-training program.

TEAM SPORTS

Baseball

Grade Level: 9-12th

1 spring season/ 0.25 credit

Approved by: NCAA

Elective Course

Fee: See Fee Sheet

Baseball is designed for high school students who wish to participate in the Varsity or JV competitive baseball programs at FRCS. Students in this course will have daily practice and will participate in home and away contests. Student athletes will learn baseball rules, fundamentals, and game time strategy.

Basketball

Grade Level: 9-12th

1 winter season/ 0.25 credit

Approved by: NCAA

Elective Course

Fee: See Fee Sheet

Basketball is designed for high school students who wish to participate in the Varsity or JV competitive basketball programs at FRCS. Students in this course will have daily practice and will participate in home and away contests. Student athletes will learn basketball rules, fundamentals, and game time strategy. Try Out are Required.

Football

Grade Level: 9-12th
1 fall season/ 0.25 credit
Approved by: NCAA
Elective Course
Fee: See Fee Sheet

Football is designed for high school students who wish to participate in the Varsity or JV competitive football programs at FRCS. Students in this course will have daily practice and will participate in home and away contests. Student athletes will learn football rules, fundamentals, and game time strategy.

Golf

Grade Level: 9-12th
1 fall season/ 0.25 credit
Approved by: NCAA
Elective Course
Fee: See Fee Sheet

Golf is designed for high school students who wish to participate in the junior high, Varsity or JV competitive Golf programs at FRCS. Students in this course will have daily practice and will participate in home and away contests. Student athletes will learn golf rules, fundamentals, and game time strategy.
Try Out are Required.

Cheerleading

Grade Level: 9-12th
1 year/ credit
Approved by: NCAA
Elective Course
Fee: See Fee Sheet

Cheerleading is designed for high school students who wish to participate in the Varsity or JV cheerleading stunt/tumbling programs at FRCS. Students in this course will have regular practices and will perform during the appropriate athletic seasons. Student athletes will learn cheerleading rules, fundamentals, and skills. Try Out are Required.

Soccer

Grade Level: 9th-12th
1 spring season/ 0.25 credit
Approved by: NCAA
Elective Course
Fee: See Fee Sheet

Soccer is designed for high school students who wish to participate in the Varsity or JV competitive soccer programs at FRCS. Students in this course will have daily practice and will participate in home and away contests. Student athletes will learn soccer rules, fundamentals, and game time strategy. Try Out are Required.

Volleyball

Grade Level: 9th-12th
1 fall season/ 0.25 credit
Approved by: NCAA
Elective Course
Fee: See Fee Sheet

Volleyball is designed for high school students who wish to participate in the junior high, Varsity or JV competitive Volleyball programs at FRCS. Students in this course will have daily practice and will participate in home and away contests. Student athletes will learn volleyball rules, fundamentals, and game time strategy. Try Out are Required.

TECHNOLOGY **COURSE DESCRIPTIONS**

Microsoft Applications I

Grade Level: 9th -12th
Office XP Core: A Comprehensive Approach – Glencoe McGraw-Hill
Pre-requisite: Keyboarding or Teacher Approval
1 semester/ 0.5 Credit
Approved by: NCAA
Core Class (Technology credit)

This course is designed to enhance the use of Microsoft Office XP software [Word, Excel & PowerPoint] and improve Internet Research techniques and educating students to be responsible and ethical users. Course focus is on applying computer skills with critical thinking skills while engaging in a wide variety of exercises and assignments. This course is the same course as the Microsoft Applications that is given to 8th grade students attending FRCS. Students will not be able to take this course if they completed the Microsoft Applications course in 8th grade.

Microsoft Applications II

Grade Level: 9th -12th
Office XP Core: A Comprehensive Approach – Glencoe McGraw-Hill
Pre-requisite: Microsoft Applications I
1 semester/ 0.5 Credit
Approved by: NCAA
Core Class (Technology credit)

This course continues with ‘advanced’ computer concepts and components of Microsoft Office XP applications [Word, Excel, PowerPoint and Access] and critical thinking skills. Included in this is the creation of advanced spreadsheets, basic web designs, presentations, and databases. Continued teaching of advanced Internet Research techniques and enforcing students to be responsible and ethical users.

Robotics

Grade Level: 9th -12th

VEX Robotics Design System v.5

1 year/ 0.5 credits

Approved by: NCAA

Elective Class (Technology credit)

Fee: \$50

Maximum of 12 students

Robotics is designed to help students discover how interesting and rewarding the life of engineers and researchers can be. This class will challenge teams of students to solve a common problem in a given timeframe using a standard “kit of parts” and a common set of rules. Teams will build and program robots from the parts and enter them in a series of competitions designed by the instructors. This class is specifically designed for students who are interested in pursuing careers in the fields of engineering and technology. Throughout the class students will receive real-world engineering experience as they work to solve various problems and evaluate alternative solutions to each problem.

Video Production

Grade Level: 9th -12th

1 year/ 0.5 credits

Elective Class: Technology Credit

Fee: \$200

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.

Web Design

Grade Level: 9th -12th

HTML for the World Wide Web; Peachpit Press

Pre-requisite: Microsoft Applications I

1 year/ 0.5 Credit

Approved by: NCAA

Core Class

This course introduces students to the fundamentals of HTML, XHTML, and CSS scripting in the creation of web pages, and basic graphic design for the Web. Students will be introduced to and use best practices in programming HTML basic tags including tables, frames, graphic maps, style sheets, and a variety of other HTML tags. Students use text editing tools to help them design web pages which include text, hypertext links, image links, graphics, frames, tables and image maps.

Yearbook

Grade Level: 9th -12th

Yearbook: Easy to Understand Journalism Curriculum - Josten's

Pre-requisite: Recommend photography and creative writing

1 year / 0.5 Credit

Approved by: NCAA

Elective Class (Technology or Fine Art credit)

Fee: \$50

This course prepares students to publish and distribute the school yearbook using the skills of journalism, photography, computer, teamwork, commitment, and time management

JUNIOR HIGH SCHOOL

OVERVIEW

7th grade

- Old Testament Survey I
- Language Arts – 7th grade
- Math 87
- Life Science
- World History
- Computer Keyboarding
- Fine Arts
- Physical Education

8th grade

- Old Testament Survey II
- Language Arts – 8th grade
- Algebra ½ or Algebra 1
- Physical Science
- American History
- Microsoft Applications
- Fine Arts
- Physical Education

Elective Subject Courses

Junior High Praise and Worship
Yearbook
Leadership

COURSE DESCRIPTIONS

BIBLE

Old Testament I

Grade Level: 7th

Text: *Backstage Pass to the Bible*; Youth Speciality

No pre-requisite

One year

Core Class

This course is designed to provide a foundational grasp of the entire Bible with particular focus on the first 5 books of the Old Testament. Genesis through Deuteronomy known as the Torah/Penteteuch/5 Books of the Law. Included will be a general walk through the Bible focusing on major events, men and women, and geographical features relevant to the text. In addition, students will study the canonization of the Bible to gain appreciation for the reliability and authority of Scripture. The goal is to get students **READING** the text and working together to discover what this incredible book reveals about the God we serve! Emphasis will be placed on making connections between our present-day lives and scriptures' original audience. Focus will be to see the text in historical and cultural context and the picture of God revealed there.

Old Testament II

Grade Level: 8th

Text: *Backstage Pass to the Bible*; Youth Speciality

No pre-requisite

One year

Core Class

This course is designed to provide a foundational grasp of the Historical, Prophetic, and Wisdom books of the Old Testament – Joshua through Malachi. Included will be a general walk through the Bible focusing on major events, men and women, and geographical features relevant to the text with a special unit focusing on the geography of the Promised Land (Israel). The goal is to get students reading the text and working together to discover what this incredible book reveals about the God of the Bible. Emphasis will be placed on making connections between our present-day lives and scriptures' original audience through study of cultural context and personal applications

FINE ARTS

Art

Grade Level:

Fine Arts

Students will be the given opportunity to explore several different art mediums and to explore areas of interest to them so that they may further develop these skills in high school. The course affords all junior high students the ability to explore the creative side that God has indwelled within us.

Band

Grade Level: 7th

Fine Arts

This class will give students the opportunity to explore various aspects of instrumental music in an introductory way. 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. Students 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.

Choir

Grade Level:

Fine Arts

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 marking, and practice reading notes through the music they sing. They will participate in singing group choral music, including basic vocal training through instruction in proper breathing and vocal exercises. Students will work on developing their vocal skills and an ear for correct pitch ad 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 composed in history.

Drama

Grade Level: 8th

Fine Arts

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

FOREIGN LANGUAGE

Spanish 1

Grade Level: 8th

Text: ¡Exprésate!, 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.

LANGUAGE ARTS

Explore

Grade Level: 7th and 8th (interested based)

Text:

One year

Core Class

Fee: \$600

This accelerated course is designed for students with high academic ability. Such students may or may not achieve well in traditional classroom settings. Explore classes are limited to 10 students and focus on challenging students to fully develop their God-given abilities. In addition to the development of language arts skills, this class will address some of the unique challenges faced by high ability learners at this age, including perfectionism, pride, underachievement, and the like. This course will meet objectives from Language Arts, then reach beyond them, tailoring the specifics of additional work to the needs of individuals in the class.

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.

Spelling/Vocabulary

Grade Level: 7th –8th

One Year

Core Class

This course will help students become better writers through their daily interaction with spelling and vocabulary. Students will utilize their improved word bank by using the newly acquired words in written and spoken language. Also through reading and listening to quality literature, they will be able to identify and use contextual clues to determine word meaning. Students will also spend time writing and editing their work through the use of writing tools and proper editing guidelines.

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.

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.

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.

TECHNOLOGY

Computer Keyboarding-7

Grade Level: 7th

Keyboarding w/Computer Applications

Glencoe McGraw-Hill

Microsoft Office XP Professional Edition: Glencoe Keyboarding with Computer Applications

One Year

Core Class

Fee: \$15

This course is designed to introduce the use of computer hardware components while utilizing Microsoft Word software in order to develop touch-typing keyboard techniques including 10-key. Hands-on training creating academic and business documents.

Microsoft Applications-8

Grade Level: 8th

Office XP Core: A Comprehensive Approach – Glencoe McGraw-Hill

Microsoft Office XP Professional Edition: Glencoe Keyboarding with Computer Applications

Pre-requisite: Computer Keyboarding-7

One Year

Core Class

Fee: \$15

This course is designed to enhance the use of Microsoft Office XP software [Word, Excel & PowerPoint]. The course focus is on applying computer skills with critical thinking skills while engaging in a wide variety of exercises and assignments. **Students who complete this course will not be able to taken MS I in high school.**

Yearbook

Grade Level: 7-th-8th

Pre-requisite: Application and interview followed by selection by yearbook teachers

One Year

Core Class

Fee:

This course prepares students to publish and distribute the school yearbook using the skills of journalism, photography, computer, teamwork, commitment, and time management.