



Grace Christian School

2011-2012

Course Description Catalog

**Grace Christian School
12407 Pintail St.
Anchorage, AK 99516
(907) 868-1203 FAX (907) 644-2261**

Grace Christian School admits students of any race, sex, color, national and ethnic origin to all rights, privileges, programs, and activities generally accorded or made available to students at Grace Christian School. We do not discriminate on the basis of race, sex, color, national or ethnic origin in administration of our educational policies, scholarship, and financial programs, athletic, and other administered programs.

Grace Christian School reserves the right to admit and retain students on the basis of academic performance, religious commitment of parent and students, philosophical compatibility, and a willingness to cooperate with the Grace administration and abide by the school's policies.

High School Course Overview

Required courses are in **bold** lettering with possible elective choices following.

9th Grade

Old Testament
Literature and Composition
Physical Science/Biology
Algebra I or
Geometry
Health (1/2 credit)
Alaska History
Art
Band
Choir
Computer Application I
Debate & Rhetoric
Intro to Drama
Video Production
Spanish I
Worship & Leadership
Sign Language
Vocal Ensemble

10th Grade

New Testament
Literary Genres and
Composition
World History
Biology/Chemistry
Geometry or
Algebra II
Art
Band
Choir
Computer Applications I-II
Video Production
Drama Intro or Advanced
Media Tech
Music Theory
Spanish I - II
Weightlifting
Worship & Leadership
Sign Language
Debate & Rhetoric

11th Grade

Life of Christ/
Marriage & Family
American Literature or AP
English Language
& Composition
U.S. History
AP Art
Algebra II
AP Biology
AP Calculus
AP Chemistry
AP Spanish
Art
Band
Chemistry
Choir
Computer Applications I-II
Creative Writing
Video Productions
Drama (Intro or Advanced)
Media Tech
Music Theory
Physics
Pre-calculus with Trig
Publications
Spanish I – III
St. Internship Program
Study Hall (no credit)
Teacher Internship
Teacher's Aide
Weightlifting
Worship & Leadership
Sign Language
Debate & Rhetoric

12th Grade

Biblical Worldview
Comparative Religions
British Literature or
AP English Literature
& Composition
American Government &
Economics or Psychology
AP Art
AP Biology
AP Calculus
AP Chemistry
AP English Literature &
Composition
AP Spanish
Art
Band
Choir
Computer Applications I-II
Creative Writing
Video Productions
Drama (Intro or Advanced)
LIFE
Media Tech
Music Theory
Physics
Pre-Calculus with Trig
Publications
Spanish I-III
Student Internship Program
Study Hall (no credit)
Teacher Internship Program
Teacher's Aide
Weightlifting
Worship & Leadership Sign
Language
Debate & Rhetoric

HIGH SCHOOL COURSE OFFERINGS

2011-2012

BIBLE

Reveling in God's Word to know Him more and to make Him known.

OLD TESTAMENT SURVEY

Grade: 9
Prerequisite: None
Resources: *Old Testament Survey Notebook*, Matt Friese; *Complete Book of Bible Maps and Charts, Old and New Testaments* (Thomas Nelson Publishers); NIV Bible

This course lays the foundation for a total view of the Bible. As students study Genesis to Malachi they discover more of the character and nature of God and the unfolding of His sovereign plan for the salvation of mankind. This provides a basis for understanding the fulfillment of God's plan in the New Testament in the person of Jesus Christ.

NEW TESTAMENT SURVEY

Grade: 10
Prerequisite: None
Textbook: *What the Bible is All About*, Henrietta Mears;
NIV Bible

This is a one year study in which students will study the content, setting, and themes of each New Testament book. We will also address how we got the Bible, and what took place between the testaments. An emphasis will be on how the New Testament fulfills the promises of the Old Testament, the foundation of the church and its ministry, and biblical doctrine. Students will learn weekly memory verses that reflect the book we are studying and practice inductive Bible study techniques.

LIFE OF CHRIST

Grade: 11 (1st semester)
Prerequisite: None
Textbook: Bible

Nobody has a perfect understanding of Jesus, but if he were to walk into our churches and start preaching, would we recognize his words as truth and his life as our life? Would we tolerate his radical claims to a wholly devoted life? The religious people and the crowds of his day did not. Also, what does it really mean that Jesus was fully human and that he operated within the limitations of humanity?

Does it matter in my daily fight to do right? This class provides students with opportunity to examine their own understanding of Jesus and compare it with the Bible. The purpose is to study the earthly life of Jesus in context, so that we can know him more deeply and love him more fully. The primary text will be the four Gospels.

COURTSHIP, MARRIAGE AND PARENTING

Grade: 11 (2nd Semester)
Prerequisite: None
Textbook: Bible

One of the greatest tragedies of our time, even within our churches, is a collapse of the Biblical understanding of marriage. Marriage is ultimately meant to be a reflection of Christ and the church. We will spend the majority of our time driving that truth home through studying key Bible texts that teach us what marriage is. We will study passages from Genesis 1-2, Ephesians 5, 1 Peter 3, and 1 Corinthians 13 where they teach us the truth about love and marriage. Teaching principles of dating will flow naturally from our discussion of marriage because once you understand what to look for in a marriage, the path towards it becomes much clearer.

Students will study the Christian perspective on marriage and the family. Studies include dating, courtship, engagement, marriage and family.

COMPARATIVE RELIGIONS

Grade: 12 (2nd Semester)

Prerequisite: None

Resources: *Christianity, Cults and Religions* (Rose Publishing); *Christian History Made Easy*, Timothy Jones; *Denominations Comparison* (Rose Publishing); NIV Bible

This course teaches students the basic perspectives of the World's major religious systems. Students will learn the history, fundamental tenants, and modern perspectives of the major world religions. Students will also learn how to respond, as a believer, to those lost in other religious worldviews.

BIBLICAL WORLDVIEW

Grade: 12 (1st semester) **Graduation requirement**

Prerequisite: None

Resources: *Understanding the Times*, David Nobel; *The Truth Project* DVD Series, Del Tackett; NIV Bible

This course helps students to shape their lives around the teaching of Scripture. Students study a variety of worldviews that they are likely to encounter in college and society in general. Students will learn to think critically about what they believe and develop a specifically Biblical Worldview.

LANGUAGE ARTS

Developing minds and imaginations to comprehend and communicate Christ and His Word.

LITERATURE AND COMPOSITION

Grade: 9

Prerequisite:

Textbook: *Language of Literature* (McDougal Littell)

This survey of literature will introduce students to a wide variety of prose, drama, and poetry. Grammar will be taught topic by topic with the intent of mastery in student writing. Students will compose papers following many formats. Vocabulary will be taken from the literature readings and from Vocabulary from the Classical Roots. One book report will be required each quarter.

WORLD LITERATURE

Grade: 10

Prerequisite: English 9, or for new students, satisfactory transcript and entrance exam results

Textbook: *World Literature* (McDougal Littell)

English 10 is a college preparatory class with a world literature emphasis. We study poetry, drama, fiction, and creative nonfiction. Students write in a variety of rhetorical modes with an emphasis on analysis. Weekly grammar and vocabulary activities are required. The students participate in oral projects including declamation, panels, and skits.

AMERICAN LITERATURE AND COMPOSITION

Grade: 11 **Required for Graduation**

Prerequisite: English 10, or for new students, satisfactory transcript and entrance exam results

Textbook: *American Literature* (McDougal Littell)

English 11 is a college preparatory class. This course summarizes the development of American literature from the 15th century to the present. Students write a variety of essays in which they analyze techniques appropriate to writing situations. Students are required to organize and complete an annotated research paper. Grammar is integrated throughout the program to strengthen the writing process. Students participate in declamatories.

BRITISH LITERATURE AND COMPOSITION

Grade: 12

Prerequisites: English 11 for returning students, or, for new students, satisfactory transcript and entrance exam results

Textbooks: *British Literature* (McDougal Littell)

This college preparatory class focuses on British Literature. Students write a variety of essays in which they analyze literary techniques. They also write a research paper with an annotated bibliography. Students engage in learning speaking skills through involvement in declams, panels, and skits.

AP ENGLISH LANGUAGE AND COMPOSITION

Grade: 11

Prerequisites: English 10 with a grade of A w/ Teacher recommendation and completion of AP English 11 required summer reading

Textbooks: *American Literature* (McDougal Littell);
The Adventures of Huckleberry Finn, Mark Twain;
The Scarlet Letter, Nathaniel Hawthorne;
The Great Gatsby, F. Scott Fitzgerald;
Supplemental 20th Century novels

AP English 11 will cover the same materials as English 11, with the addition of reading several more novels and non-fiction pieces. Writing in response to careful critical analysis of literature will be emphasized. Students will prepare to take the Advanced Placement Language and Composition exam. A student with a high score on the Advanced Placement exam may receive college credit from most universities/colleges and may be placed into a second semester college course, waiving the introductory English course. Students participate in Declams. Students should consider their overall academic and activities load before committing to this class.

AP ENGLISH LITERATURE AND COMPOSITION

Grade: 12

Prerequisites: AP English Language and Composition with a grade of B or better or an A in English 11 or teacher approval based on an interview and a writing sample; students must also complete required summer reading.

Textbook: *Norton's Anthology of English Literature*, M. H. Abrams; *Writing About Literature*, Edgar V. Roberts; *Hamlet*, Shakespeare; *Merchant of Venice*, Shakespeare; *Oedipus the King*, Sophocles; *Wuthering Heights*, Emily Bronte; *Heart of Darkness*, Joseph Conrad; *The Sound and the Fury*, William Faulkner

Students study British literature within the context of its Greek and Hebrew influences. Students strive for "careful reading and critical analysis of imaginative literature" (The College Board, May 2001). Students apply the principles and nomenclature of literary criticism to the literature assigned and become intimate with the readings through projects, essays, discussions, and tests. Many of the essays are timed, in-class writes designed to help them prepare for the AP exam in May. Students complete and present an in-depth research project. A student with a high score on the AP exam may receive college credit from many universities/colleges, waiving the introductory English literature course.

CREATIVE WRITING

Grades: 11–12 (10th graders with teacher approval)

Prerequisites: English 10 with a grade of C or better or teacher approval based on an interview.

Creative Writing is an elective and does not satisfy the core English graduation requirements.

Students will study, analyze, critique, write, and rewrite creative nonfiction, fiction, poetry, and short dramas. Journaling will happen frequently. All students will read their work orally and will be graded on correct mechanics and quality of work. Publication and contest entry will be pursued, and all students will learn about a variety of publishing options including, mainstream, subsidy, and self-publishing. Students will also learn how to acquire a literary agent. The number one requirement is, "YOU MUST LOVE WRITING!"

DEBATE & RHETORIC

Grades: 10-12

Prerequisite: None

Textbook: *Communication Matters*, McCutcheon, Schaffer, Wyckoff

Can replace core English classes except for American Literature

This course is designed to help students enhance communication skills using a wide variety of public speaking situations and techniques. Students will focus on developing poise, preparation skills, and creativity. Research will be involved in preparation of speech topics, interviewing community figures, making videos, or practicing demonstrations and object lessons. Students will be required to deliver a number of speeches each quarter for a variety of audiences.

FINE ARTS

Experiencing God's creativity by discovering, strengthening, expressing and revealing the creative gifts and talents of His people.

CONCERT CHOIR

Grades: 9-12

Prerequisites: Willingness/ability to sing

Concert Choir is a performance ensemble that provides students with an opportunity to learn about music through the study of the choral art. Students will study music reading, music theory, a variety of styles of music, and historical context. Through this study, students will develop an understanding of music's role in Christianity and the Christian walk. As a part of the performance ensemble, participation in evening concert performances throughout the year is mandatory.

MUSICIAN/MUSIC THEORY I (Offered every other year)

Grades 10-12

Prerequisites None

Textbooks: Harmonic Practice in Tonal Music, Robert Gauldin
Sound Stewardship, Karen DeMol

This course is designed to give high school students an opportunity to study musical topics in a more focused classroom setting. Music theory topics covered include introductory melody writing, harmonization, ear training, analysis of musical form, and introductory arranging. Musicianship topics include music history, appropriate performance practice, listening skills, and development of a Christian understanding of music. Because experiencing large amounts of music is important to this course, some out of class concert field trips will be required.

AP MUSIC (Offered every other year)

Grades: 11-12

Prerequisites: Music Theory and passing of entrance exam

Textbooks: Tonal Harmony with and Introduction to Twentieth Century Music, 90 Days to Sight reading Success, Music for Ear Training

AP Music Theory is a course designed to develop thorough music literacy, to prepare students for the AP exam in May, and to build a solid foundation or further study of music theory at the college level.

Students will utilize texts and literature that integrate theory and analysis, ear training, sight singing, and dictation. Musical skills are developed through ongoing contextual listening, sight-signing, analytical, written, and creative exercises.

The class will primarily study vocal and instrumental music from standard Western tonal repertoire of the Common Practice Period (1600-1900), but we will also explore music from other stylistic periods such as 20th century and jazz.

VOCAL ENSEMBLE

Grades: 9-12

Prerequisites: Audition with director; some music reading skill; after-school time for rehearsals

Vocal Ensemble is an after-school course designed to provide students with a unique and challenging musical opportunity in the development of advanced part singing. Ensemble members will study music appropriate for small ensemble singing and perform at all scheduled GCS vocal concerts as well as participate in regional/state festivals. Participation in all scheduled rehearsals and performances will be mandatory.

Men's Ensemble will have rehearsals on Monday and Wednesday mornings during 0 hour. Students with a passing grade will receive .5 credit for one year's participation.

Women's Ensemble meets everyday during a class period. Students with a passing grade will get 1 credit for one year's participation.

BAND

Grades: 9-12

Prerequisites: Demonstrated ability with musical instrument and reading music. Audition and/or private lessons may be required.

Textbook: Rubank Advanced Method, H. W. Voxman

Band is a performance ensemble designed to teach music through an instrumental ensemble. Students will prepare traditional concert band music from a variety of styles for performance at public concerts during the year. Attendance at rehearsals and evening performances are vital components of this course and are therefore mandatory. Students are responsible to provide their own instrument and keep it in good working order. This ensemble is comprised of traditional concert band instruments*. (*Guitars - including bass - are not considered traditional band instruments, and drummers will be expected to play all percussion instruments.)

ART

Grades: 9-12

Prerequisite: None

Students work with drawing in several mediums: graphite, charcoal, pastels, oil, and chalk. They will also participate in painting with watercolor, acrylic, ink, printmaking, and mixed media. Students will work with additive techniques such as clay, paper, wood, and paper-Mache as well as subtractive techniques such as plaster, wood, and stone. Aesthetic criticism papers will be required to further enhance students understanding of art. Art history is studied from a Christian perspective.

AP ART

Grades: 11-12

Prerequisite: 2 years of High School art or instructor's approval.

Textbook: Art in Focus, Gene A. Mittler

An independent study class designed to facilitate the motivated student. Students are encouraged to explore in depth the mediums and techniques they have a desire to produce art in. Textbook and art critiques are supplemental tools to help focus students and bring relevancy to students' productions.

INTRO TO DRAMA

Grades: 9-12

Prerequisites: Interest in the dramatic arts; willingness to put aside inhibitions and "become" someone/something else

Textbook: *Introduction to Theatre Arts*, Suzi Zimmerman

Drama is a two-semester course designed to introduce high school students to the basic elements of theater production. During the year, students will encounter various dramatic genre and styles, becoming conversant with their design and history. This class focuses on acting and directing techniques. In this class students will learn vocal and interpretive skills which will aid them in theatrical performances.

ADVANCED DRAMA

Grades: 10-12

Prerequisites:

Textbook:

FOREIGN LANGUAGE

Equipping students to complete the Great Commission (see Matt. 28: 19-20) through language acquisition and cultural understanding.

SPANISH I

Grades: 9-12

Prerequisite: None

Textbook: *Buen Viaje*(Glencoe/McGraw-Hill)

The Spanish I course begins as an introduction to Spanish, providing a basis in the language skill areas of listening, speaking, reading, and writing. Basic grammatical structure, vocabulary, and culture are gradually and systematically introduced. Students will study conjugation of regular and irregular verbs stem changing, and reflexive verbs. The material is taught through drill games, skits, projects, and oral/written practice.

SPANISH II

Grades: 10-12

Prerequisite: Spanish I with a grade of C or higher

Textbook: *Buen Viaje*(Glencoe/McGraw-Hill)

Spanish II is a continuation of Spanish I, with an emphasis on the preterite, imperfect, present perfect and plu-perfect tenses. Students will learn how to lead someone to Christ in Spanish. Second semester lessons are conducted in Spanish.

SPANISH III

Grades: 11-12
Prerequisite: Spanish II with a grade of a C or higher
Textbook: *Buen Viaje*(Glencoe/McGraw-Hill)

Students will gain fluency in Spanish through extensive vocabulary building, conversational practice, grammar, reading, and writing. Students will engage in conversational Spanish and read from Spanish literature. An extensive culture project is a class requirement. Students will be expected to present a speech and give a cooking demonstration with this project.

AP SPANISH

Grades: 12
Prerequisite: Spanish III with a grade of a C or higher
Textbook: *Buen Viaje Level 3* text and workbook, (Carrera-Hanley); *El Cristo Incomparable: Don Cousins and Judson Poling* (Spanish Bible Study); *Pimsleur Language Program Level 3*(audio cassettes)

Students will achieve fluency through grammar review, reading, writing, speaking, and vocabulary building, incorporated with the study of Spanish literature. A five page research paper and a speech on a Hispanic issue or historical topic are required.

HEALTH & PHYSICAL EDUCATION

Fostering the enjoyment of lifelong physical activity and training the Christian to approach health, fitness and competition biblically.

PHYSICAL EDUCATION

HEALTH

Grade: 9
Prerequisite: None
Textbook: Glencoe Health (Glencoe, McGraw-Hill)

The purpose of this class is to present the Bible as the foundation for a healthy lifestyle. In a quest for total health, we will cover physical, mental, social, and spiritual health. Studies will include anatomy and physiology, fitness, nutrition, stress, life management, responsibility, maturity, and relationships. Students are graded on tests, projects, participation/attitude, and homework. The issues of stress, life management, care of the body, risk taking, maturity, and relationships are considered.

WEIGHT LIFTING

Grades: 10-12
Prerequisite: None

This course introduces the basics of weight training. Emphasis is placed on developing muscular strength through proper lifting techniques. Upon completion, students should know the skills and techniques of weight lifting such as power lifting, exercises, breathing, spotting and safety procedures in addition to increasing their own personal muscular strength throughout the year. The student will also learn about various areas related to weight lifting such as human anatomy and physiology, nutrition, stretching, fitness and health.

MATHEMATICS

Preparing students to enjoy and appreciate God's design, order and steadfastness through integrating biblical and mathematical principles.

ALGEBRA I

Grade: 9
Prerequisite: Pre-Algebra II with a grade of C or better, or, for new students, a satisfactory score on the high school mathematics entrance exam.
Textbook: *Algebra I* (McDougal-Littell)

This course will not only focus on algebraic equations and problem solving but also on applications and connections to other academic disciplines. It builds on concepts introduced in Pre-Algebra II. Scientific calculator required, graphing calculator **optional**. Suggested graphing calculator: TI-84, or TI-86.

GEOMETRY

Grades: 9-10

Prerequisite: Algebra I with a grade of C or better or administrative review: Algebra II may be taken concurrently with teacher's recommendation.

Textbook: *Geometry* (McDougal-Littell)

This inductive approach to geometry incorporates the formulas and techniques of coordinate geometry. Each chapter integrates a review and application of algebraic skills and provides applications to real-life situations. Scientific calculator required, graphing calculator **optional**. Suggested graphing calculator: TI-84, or TI 86.

ALGEBRA II

Grades: 10-11

Prerequisite: Algebra I with a grade of C or better; Geometry may be taken concurrently with teacher's recommendation.

Textbook: *Algebra II* (McDougal-Littell)

A continuation and extensions of Algebra I, this course covers topics such as linear equations, inequalities, absolute value equations, graphing operations with matrices and their applications, quadratics, sequences, an introduction to trigonometry, and an introduction to the graphing calculator. Graphing calculator required. Suggested calculator: TI-84 or TI-86

PRECALCULUS

Grades: 11-12

Prerequisites: Algebra II and Geometry, both with a B or better.

Textbook: *Pre-Calculus with Limits: A Graphing Approach* (Houghton Mifflin)

Precalculus with trigonometry introduces trig functions, their graphs, and trig identities. Analysis of polynomial functions and graph behavior will be emphasized, as will sequences, series, probability, complex numbers, vectors, and systems of equations. The year concludes with an introduction to calculus. Students should consider their overall academic load and extra-curricular activities before committing to this class. Graphing calculator required. Suggested calculator: TI-84 or TI-86

AP CALCULUS

Grades: 11-12

Prerequisite: Precalculus with a grade of B or better

Textbook: *Calculus* (Prentice Hall)

Advanced Placement Calculus AB is a college-level course, designed to replace Calculus I in college. A student with a high score on the Advanced Placement exam will receive college credit from most universities/colleges and will usually be placed into a second semester college calculus course. The course includes the study of functions, limits, derivatives, integrals and their applications. Students should consider their overall academic load and extra-curricular activities before committing to this class. Graphing calculator required. Suggested calculator; TI-84 or TI-86.

PRACTICAL ARTS

Training students in today's technology so they can honor God with these skills.

COMPUTER APPLICATIONS I & II

Grades: 9-12

Prerequisite: Keyboarding Placement test at 40+ wpm

Textbook: *Performing with Microsoft Office, Introductory Course*, Iris Blanc and Cathy Vento; *Performing with Microsoft Office, Advanced Course*, Iris Blanc, et. al.

Students will learn to enhance their personal productivity and problem solving skills using knowledge work tools including spreadsheets, databases, presentation graphics, word processing, and Internet and electronic mail. Information technologies, including hardware, software, and operating systems concepts, are discussed with an emphasis on computing and telecommunications systems. The ability to find, analyze, and use information with these technologies is stressed. Systems theory, quality, decision-making, and the organizational role of information systems are addressed in this Microsoft Certification course. **Computer Applications II is a more advanced study and extension of Computer Applications I. You can get a college credit with Computer Applications I class.**

MEDIA TECH

Grades: 9-12
Prerequisite: Instructor approval

Students will use software applications to create video and slideshow presentations. Students will provide Audio/Visual media support for a variety of school functions (elementary chapel, secondary chapel, drama productions, choir/band concerts, etc.) Student participation in events is required before and after school and at off-campus revenues. A basic knowledge and awareness of computers is expected. Competency in one or more of the following applications is helpful: PowerPoint, Video editing, software, sound/audio technology.

LIFE

Grades: 12
Prerequisite: none

Available to seniors only, this course introduces a variety of valuable life skills. Topics covered include finances (tithing, budgeting, taxes, investments, check writing, and balancing), home economics, college and career skills, electrical and plumbing, outdoor skills, First Aid and CPR, and automobile basics. Students will be required to participate in hands-on projects, and field trips, and will learn from a variety of guest speakers. Childcare unit using “*Realbabies*” (simulated dolls).

PUBLICATIONS

Grades: 11-12 (10th with teacher approval, and as space is available)
Prerequisites: Teacher approval, with possible interview and recommended teacher references as requested by the teacher. Students should maintain a B average in all classes, be exceptional workers, willing to learn, quick to follow instructions, and glorify Christ in all things.

Publications students are responsible for producing a high quality student yearbook. Computer skills, page design, and writing skills will be taught, and any student can excel as long as they are a hard worker. Students will be graded based on quality of work, participation, and attendance. Students will be formally evaluated on a quarterly basis. Students who do not meet their obligations, and fail their evaluations, may be dismissed from the program at semester at the instructor’s discretion.

TEACHER’S AIDE

Grades: 11-12
Prerequisite: None

Available to Juniors and Seniors only. Students assist teachers in elementary and secondary classrooms, staff offices, or in the library. Students will be assigned various tasks depending on their placement. Each student will be assigned to one teacher for the entire year. Students may carry only one Teacher’s Aide course per year and must be self-motivated, responsible, flexible, and mature enough to work through potential conflicts.

TEACHER INTERNSHIP PROGRAM (TIP)

Grades: 11-12
Prerequisite: Administrative approval only

Available to juniors and seniors only, who are seriously considering education as their future vocation. Students will explore the call to the field of education by experiencing excellence in teaching strategies provided by master teachers who model, mentor, instruct, and inspire. Teacher interns will experience education at the K-8 level, observe a variety of teaching styles, facilitate work groups, tutor individual students, design and teach lessons to the entire class and assess student outcomes. This internship should help to clarify for the student whether or not teaching is the profession he/she wishes to pursue in their future.

STUDENT INTERNSHIP PROGRAM (SIP)

Grades: 11-12
Prerequisite: Administrative approval only

Available to Juniors and Seniors only. The Student Internship Program is a cooperative arrangement between the school and internship supervisor. The student will receive vocational training in a profession of their choice. The internship will be supervised by the school coordinator and the internship supervisor. The experience will contribute to the student’s education and employability.

SCIENCE

Marveling at God's amazing revelation of Himself through the diligent study of His creation.

PHYSICAL SCIENCE

Grades: 9-12
Co-Requisite: Algebra I or higher
Textbook: *Science Insights: Exploring Matter and Energy*
(Scott Foresman)

This course provides an introduction to the physical sciences: chemistry and physics. Topics covered include the scientific method, scientific measurement and calculations, atomic structure and bonding, chemical formulas, optics, pressure, force, work, and energy. TI-83 calculator required.

BIOLOGY I

Grade: 9-12
Prerequisite: Physical Science or 9th graders wishing to enroll must have A's in 7th & 8th grade science and B's in 7th & 8th grade Maths.
Textbook: *Modern Biology* (Holy, Rinehart & Winston)

Biology I is a one year course that introduces the student to the structures and functions of living organisms. It is an exciting journey into the macroscopic and microscopic world including a study of biochemistry, genetics, cell biology, ecology, and current topics affecting our daily lives. Students will be involved in research and laboratory activities that prepare them for future science courses. This course is a prerequisite for AP.

CHEMISTRY

Grades: 10-12
Prerequisite: C or better in Geometry & Algebra I.
Textbook: *General Chemistry* (Zumdahl)

Chemistry provides the background required for all other science and technology courses. It is a college preparatory class that provides extensive problem solving and laboratory experiences. Mental maturity and persistence are required to grasp many of the abstract concepts in chemistry. Students must have good organizational and study skills as well as a firm grasp of Algebra I. It is required that the student has a C or better in Algebra I before taking Chemistry. Algebra scores are a better indicator of success in Chemistry than Biology scores. Scientific calculator required (TI-84 or TI-86).

PHYSICS

Grades: 11-12
Co-Requisite: Precalculus
Textbook: *Physics: Principles and Problems* (Glencoe/McGraw Hill)

Physics is a year long, college preparatory class that will introduce students to the main concepts of classical physics including, mechanics, thermodynamics, waves, mechanics, optics, electricity, and magnetism. Class discussions, demonstrations, and lab experiments will reinforce physical concepts. All topics explored will include mathematical reasoning and justification in order to enhance student understanding. Graphing calculator required. Suggested calculator: TI-84.

AP BIOLOGY

Grades: 11-12
Prerequisite: B in Biology, Chemistry, Algebra II, and most recent English.
Textbook: *Biology, 5th Edition* (Addison Wesley Longman, Inc.)

Advanced Placement Biology is a year-long course designed for students that have a strong interest in, or desire to pursue a career in the sciences. The AP Biology course introduces students to topics covered in a freshman biology course at the university level, including, biochemistry, cytology, physiology, ecology, and evolutionary theory. To succeed in AP Biology students must be highly motivated to learn. Reading requirements for the course are rigorous and require a daily commitment. Exams generally cover 3-4 chapters in the text and occur every 2-3 weeks. Laboratory activities are conducted to give the student a representation of a university level biology course. In the spring the AP examination will be offered. A student with a high score on the Advanced Placement exam can receive college credit from most colleges.

AP CHEMISTRY

Grades: 11-12 (College-level course)
Prerequisites: B in Chemistry and Algebra II.
Textbook: *Chemistry, 6th Edition* (Zumdahl)

Advanced Placement Chemistry is an extremely rigorous, year -long course designed to prepare students for the AP Chemistry Exam, which replaces freshman college Chemistry at many colleges and universities. An attempt is made to cover all the material and provide lab experiences equivalent to a university class. Topics include atomic structure and theory, bonding, redox, equations, thermodynamics, reactions kinetics, acids/bases/buffers, chemical equilibrium, and electrochemistry. This course is recommended only to students that excelled in Chemistry I, and have the time and dedication to work consistently throughout the year. Students should consider their overall class and activity load before committing to the class. A student with a high score on the Advanced Placement exam can receive college credit from most colleges. Graphing calculator required. Suggested calculator: TI-84 or TI-86.

SOCIAL STUDIES

Instilling a love of history by understanding people, places, cultures, and events and by recognizing God's hand in them.

ALASKA HISTORY

Grade: 9-12
Prerequisite: None
Textbook: <http://www.akhistorycourse.org>

Alaska History is a course that focuses on Alaska's rich history and the many factors that helped make it into the great state it is today. Unit studies will include geography, culture, economy, history, and government of Alaska. Each of the units of study will have current event issues/topics that will be discussed. Upon the conclusion of this class students will have gained knowledge that will help enable them to be productive, God honoring, active community members in our state.

WORLD HISTORY

Grade: 10
Prerequisite: None
Textbook: *World History: Patterns of Interaction* (McDougal Littell)

This study of the history of the world, from Adam and Eve to the Cold War, with a strong emphasis on Western Civilization, helps students see God's hand moving throughout history to fulfill His plan for the world.

UNITED STATES HISTORY

Grades: 11
Prerequisite: None
Textbook: *United States History: In the Course of Human Events*
(The National Textbook Company)

This Course surveys American history from the very first Americans through the pioneers of today and tomorrow. Students learn how to approach American history as part of God's divine plan for our nation.

AMERICAN GOVERNMENT (fall semester)

Grade: 12
Prerequisite: None
Textbook: *McGruder's American Government* (Prentice-Hall)
Economics: *Principles in Action* (Prentice-Hall)

This course is designed to render an understanding of the foundations of American government. Time is spent on both the beginnings and historical development of the American democratic experience. Special emphasis is given to matters of checks and balance, the three branches of government and their function, special interest groups & lobbying, and the influence of public opinion. Students will address current events in today's society. Students are encouraged to read newspapers, weekly news magazines, listen to news radio, watch news programs, etc. Classroom discussion is expected in this course.

ECONOMICS (spring semester)

Grade: 12
Prerequisite: None
Textbook: *Economics: Principles in Action* (Prentice-Hall)

This course will focus on how economics functions as an integral part of government policy and its role in relation to individual interests associated with our daily lives. Subjects examined in some detail include: capitalism and the market economy, supply and demand, measuring economic performance, sources of capital, budget, and trade deficits, and economic problems facing developing nations.

GENERAL PSYCHOLOGY (Spring semester)

Grade: 12

Prerequisite: None

Textbook: Understanding Psychology (Glencoe)

This course examines various topics such as the life span, sensation and perception, learning, memory, motivation, emotion, theories of personality, psychological disorders and dealing with stress in our lives. One outcome of General Psychology should be the realization of the complex nature of God's creation in the form of human beings.

JUNIOR HIGH COURSE OVERVIEW

Mandatory courses are in bold with elective choices following. The elective rotation includes: Art, Science Exploration, Music, and Puzzles and Logic. Students change elective classes every nine weeks.

7th Grade

English 7

World History

Life Science

Bible 7

Pre-Algebra I / II

Physical Education Rotation:

2 quarters PE, 1 quarter Study Skills, 1 quarter Technology

Elective Rotation: Semester each (Art, Drama) OR

Music Elective: Year-long Band or Choir

8th Grade

English 8

U.S. History

Earth Science

Bible 8

Pre-Algebra II/Algebra I

Physical Education Rotation:

2 quarters PE, 1 quarter Career Explorations, 1 quarter Puzzles & Logic

Music Elective: Year-long Band or Choir OR

Elective Rotation: Semester each (Art, Drama)

JUNIOR HIGH COURSE OFFERINGS

2011-2012

BIBLE

Reveling in God's Word to know Him more and to make Him known.

BIBLE 8

Grade: 8
Prerequisite: None
Textbook: *Young Peacemaker*

The first semester we will go through the Young Peacemaker curriculum which teaches how to resolve conflict Biblically. The principles include a proper understanding of conflict, the heart issues underlying conflict, meaningful confession, true forgiveness, and respectful communication. The second semester is devoted to pursuing our own relationship with God.

BIBLE 7

Grade: 7
Prerequisite: None
Textbook: *Character Quest (Lifeway)*, NIV Bible

Students study a variety of Old and New Testament characters through lessons in our text and God's Word. Using Biblical examples students learn how to face the challenges they experience in their lives. They also gain a partial understanding of who God is and see the broad scope of His plan that He has revealed to us through His word. Students will also learn of the inerrancy and reliability of God's Word and seek to understand and live the life God has told us He wants us to have.

LANGUAGE ARTS

Developing minds and imaginations to comprehend and communicate Christ and His Word.

ENGLISH 7

Grade: 7
Prerequisite: None
Textbook: *Language of Literature (McDougal Littell)*
Vocabulary, Spelling, Poetry I (ABeka)

English 7 places a strong emphasis on the study of literature as well as the writing process. Students read and write for both technical and aesthetic purposes. Grammar, spelling, and vocabulary are integrated throughout the curriculum. Students are required to participate in the ACSI Speech Meet.

ENGLISH 8

Grade: 8
Prerequisite: None
Textbook: *Language of Literature (McDougal Littell)*

This course is designed to introduce students to major literary elements and critical thinking in each reading selection. There is a strong emphasis on grammar, writing skills, spelling, vocabulary, and literature. Students use the Analytical Grammar Program which covers all the rules of grammar through diagramming. Students are required to organize and complete a research paper. All 8th graders are required to participate in ACSI Speech Meet. Students are using Accelerated Reader Program and further developing their writing skills with the My Access Writing Program. Both of these programs are developing technological skills on the computer.

MATHEMATICS

Preparing students to enjoy and appreciate God's design, order and steadfastness through integrating biblical and mathematical principles.

PRE-ALGEBRA I

Grade: 7
Prerequisite: Teacher's recommendation, standardized testing, previous math grades, and entrance exam results
Textbook: *Math- Course 2*, (McDougal Littell Middle School)

Students in Pre-Algebra I will learn to think and communicate mathematically, gain confidence in their mathematical abilities, think critically while developing their own problem solving methods, and will build upon their knowledge of mathematical concepts and skills. Calculators will be provided by instructor as needed.

PRE-ALGEBRA II

Grades: 7-8
Prerequisite: Teacher's recommendation, standardized testing, previous math grades, and entrance exam results
Textbook: *Math- Course 3*, (McDougal Littell Middle School)

Students in Pre-Algebra II will learn to think and communicate mathematically, gain confidence in their mathematical abilities, think critically while developing their own problem solving methods, and will build upon their knowledge of mathematical concepts and skills. Calculators will be provided by instructor as needed.

ALGEBRA I

Grades: 8
Prerequisite: Pre-Algebra II with a grade of B or better or administrative review
Textbook: *Algebra* (McDougal Littell)

Eighth grade Algebra I is a high school level course, but junior high students do not earn high school credit.

This course will not only focus on algebraic equations and problem solving but also on applications and connections to other academic disciplines. It builds on concepts introduced in Pre-Algebra II. Scientific calculator required, graphing calculator optional. Suggested calculator: TI-83, TI-84, or TI-86.

SCIENCE

Marveling at God's amazing revelation of Himself through the diligent study of His Creation.

LIFE SCIENCE

Grade: 7
Prerequisite: None
Textbook: *Life Science* (Glencoe/McGraw-Hill)

Students explore the features and needs of living things using scientific methods, problem solving skills, and proper lab procedures. Students relate the functions, processes, and reproduction of cells. Differences in cell structure are also explored. The theory of evolution is studied through the lens of biblical truth. Organisms in various kingdoms and the characteristics used to classify them are presented. Students are introduced to the plant kingdom, processes, and relationships, and will examine animal characteristics and determine how they are classified. Students are introduced to the fundamentals of ecology. Ecosystems and the recession of ecosystems are explored. Students are given an introduction to the systems of the human body and how they function. Also included are discussions on human development from conception to birth, basic health concepts, and healthy choices.

EARTH SCIENCE

Grade: 8
Prerequisite: Life Science
Textbook: *Earth Science* (Glencoe/McGraw-Hill)

Students are introduced to the branches of science involved in the study of earth science (biology, chemistry, geology, meteorology, oceanography, astronomy). Class and lab activities are used to introduce students to Earth materials. Students apply science to the solving of problems and work with scientific methods. They are led through the elements of basic science and introduced to atomic structure. Minerals are defined and the rock cycle and classifications are studied. Students study land forms and examine the processes and agents that create these surface features. Students are introduced to the relationships among earthquakes, volcanoes, and plate tectonics. The theory of evolution is studied through the lens of biblical truth. Students study the Earth's atmosphere and oceans as well as the characteristics and movement of air and water. Students explore the majesty of our created universe while studying the Earth, moon system, solar system and galaxies.

SOCIAL STUDIES

Instilling a love of history by understanding people, places, cultures and events and by recognizing God's hand in them.

WORLD HISTORY

Grade: 7
Prerequisite: None
Textbook: *World Cultures and Geography* (McDougal Littell)

This course is an overview of the history of the world; from ancient civilizations up to the modern era. Students are exposed to the history, geography, culture, government, and economy of different regions of the world both past and present. We will learn how primary source are important to linking the past to the present.

UNITED STATES HISTORY

Grade: 8
Prerequisite: 7th grade World History
Textbook: *Creating America*, (McDougal Littell)

This course starts with the discovery of the Americas, and follows our history through colonial times, the birth of our nation, and to the present age. Primary sources will have an important role in understanding the life of average Americans. We will also focus on historical biographies.

JUNIOR HIGH ELECTIVE ROTATION

Exposure to a variety of subject areas benefits junior high students as they enter the second half of their formal schooling years. Any junior high students with instrumental music background or interest are highly encouraged to join the music rotation. Eighth grade students with a minimum 3.5 GPA may take Spanish I for the whole year. All other students will need to participate in the Elective Rotation: Art, Drama, and Puzzles and Logic.

Music

A year long course in Choir or Band. Each provides students with an opportunity to develop their musical abilities and prepare them for participation in high school band or choir.

Band

Band students will study level-appropriate music to further develop their instrumental skills and prepare them for high school band. Demonstrated ability on a traditional concert band instrument* will be required for participation on approval from the instructor. Students will prepare a wide variety of music for various concert performances. (**Guitars - including bass - are not considered traditional band instruments, and drummers will be expected to play all percussion instruments.*)

Choir

Junior High Choir is an exciting introduction to part singing and intermediate vocal technique. All students of changed and unchanged voice are welcome to participate. They will study 2 and 3-part music of a variety of styles for presentation in public concerts.

Fine Arts Rotation

Students will have one semester of Art and one semester of Drama

INTRODUCTION TO ART

Grades: 7-8

Prerequisite: None

This course develops a foundation in art through exposure to several 2-D and 3-D projects and mediums. These include drawing, color theory, layout design, watercolor, clay, and instruction in the elements and principles of art through practice. Art history is also integrated throughout this course.

DRAMA

Grades: 7-8

Prerequisites: None

Drama class is centered on a variety of theatre games and activities that will require students to perform individually and in small and large groups. Students will have the opportunity to learn acting techniques, planning and skit writing. Students will learn how to use their bodies, voices and imaginations as tools to communicate to others. Activities will incorporate pantomimes, improvisation, storytelling, and puppetry.

PHYSICAL EDUCATION ROTATION

The following courses are rotated every nine weeks. Physical Education classes are divided by gender. Each student will be in PE for two quarters.

Example: 7th grade: PE, Study Skills, PE, Technology
8th grade: Career Exploration, PE, Puzzles & Logic, PE

PHYSICAL EDUCATION 7

Grade: 7

Prerequisite: None

In this course students will participate in physical conditioning and testing, ultimate Frisbee, basketball, floor hockey, soccer, diamond sports(kickball, baseball, etc)as well as games that promote activity and teamwork. Students are expected to dress out for class, participate, and take unit tests.

PHYSICAL EDUCATION 8

Grade: 8

Prerequisite: None

In this course students participate in physical conditioning and testing, ultimate Frisbee, soccer, badminton, basketball, volleyball, diamond sports(kickball, baseball, etc.), as well as games that promote activity and teamwork. In addition, they will be involved in rope jumping, group games, and leisure games. Students are expected to dress out for class, participate and take unit tests.

TECHNOLOGY

Grade: 7

Prerequisite: None

This course exposes students to keyboarding and focuses on using the integrated software package called Microsoft Office. Approximately 50% of the time will be dedicated to the working knowledge of the keyboard with an emphasis being placed on the proper techniques, accuracy, and speed. To ensure curriculum integration, most often class work will be designed to directly relate to students other course assignments.

STUDY SKILLS

Grade: 7
Prerequisite: None

This is a quarter elective course designed to expose students to the various note taking and test taking skills. It will lay a foundation for understanding each style of learning and understand multiple intelligence. We will discuss different teaching styles and the responsibility each student has to take the information and formulate a plan for their individual learning needs. We will use their Science homework to implement the daily strategies. Grades will be based on daily exercises and use of time.

CAREER EXPLORATIONS

Grade: 8
Prerequisite: None

This course introduces students to the career exploration process as it relates to realizing their own dreams in life, according to God's plan. Students will learn more about their own interests, abilities, and preferences and will use this information to explore occupations. Students will gain an understanding of their role in planning their futures, including how choices today affect tomorrow. The class culminates in the development of a Graduation Plan, a Higher Education and Training Plan, and an Experience Plan.

PUZZLES & LOGIC

Grade: 8
Prerequisite: None

This elective course is designed to stimulate, reinforce, and develop thinking skills and Socratic dialogue through a variety of communication exercises, logic and reasoning puzzles, analogies, visual exercises, and cooperative problem-solving activities.