

Grace Christian School

Course Description Catalog

2009-2010

**Grace Christian School
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Anchorage, AK 99516
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Grace Christian School does not discriminate on the basis of race, gender, national, or ethnic origin in its educational programs, admission policies, financial assistance, or any of its school activities.

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
Math (Algebra/Geometry)
P.E. (1/2 credit)
Health (1/2 credit)
Spanish I, II
Computer Application I
Computer Technology I
Film
Band
Choir
Art
Drama
Leadership
Worship & Leadership

11th Grade

Life of Christ/Marriage & Family
American Literature or
AP English Language & Comp.
U.S. History
Chemistry/Physics
Algebra II/Pre-Calculus
Spanish I – Spanish IV
Computer Applications I-II
Computer Technology I
Computer Science
Film
Media Tech
Band
Choir
Music Theory
Art/Advanced Art
Drama
Creative Writing/Speech
Publications
AP Biology
AP Calculus
AP Chemistry
Teacher's Aide
Study Hall (no credit)
Student Internship Program
Teacher Internship Program
Leadership
Worship & Leadership

10th Grade

New Testament
Literary Genres and Composition
World History
Biology/Chemistry
Math (Geometry/Algebra II)
Spanish I, II, III
Computer Applications I-II
Computer Technology I
Computer Science
Film
Media Tech
Band
Choir
Art
Drama
Speech/Debate
Fitness
Music Theory
Leadership
Worship & Leadership

12th Grade

Biblical Worldview
Cults & The Occult
British Literature or
AP English Literature & Composition
American Government &
Economics or Psychology
Physics
Pre-Calculus/AP Calculus
Spanish I - Spanish IV
Computer Applications I-II
Computer Technology I
Computer Science
Film
Media Tech
Band
Choir
Music Theory
Art/Advanced Art
Drama
LIFE
Creative Writing/Speech
Publications
AP Biology
AP Calculus
AP Chemistry
Teacher's Aide

Study Hall (no credit)
Student Internship Program
Teacher Internship Program

Leadership
Worship & Leadership

HIGH SCHOOL COURSE OFFERINGS

2006-2007

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: 11-12 (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.

MARRIAGE AND FAMILY:

Grade: 11-12 (2nd semester- odd year)
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.

MISSIONS, EVANGELISM, DISCIPLESHIP (MED)

Grade: 11-12 (2nd semester- even year)
Prerequisite: None
Textbook: Bible

In this course we will spend time understanding the depths of the gospel so that we can better live it ourselves and more effectively present it to others. We will examine various evangelistic techniques and discern which ones are biblical. We will study the biblical philosophy of worldwide missions, including sensitivity to cultural considerations. Missionary biographies will also be a significant component of the course.

WORLD RELIGIONS

Grade: 11 & 12 (2nd semester – even years)
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: 11 & 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.

RELIGIOUS CULTS AND THE OCCULT

Grade: 11 & 12 (2nd semester – odd years)

Prerequisite: None

Resources: *Christianity, Cults and Religions* (Rose Publishing); *Christianity, Cults, and The Occult* (Rose Publishing); NIV Bible

This course teaches students the basic perspectives of the significant religious cults and the occult. Students will learn the history, fundamental tenants, and modern perspectives of the Christian and other religious cults as well as occult practices. Students will also learn how to respond, as a believer, to those lost in these religious or otherwise pagan worldviews.

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

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 declamations.

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 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!"

SPEECH

Grades: 10-12

Prerequisite: None

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

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

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

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 THEORY

Grades: 11-12

Prerequisites: Musicianship/Music Theory I or instructor approval based on proof of musical knowledge and experience.

Textbook: *Harmonic Practice in Tonal Music*, Robert Gauldin
Eyes and Ears: An Anthology of Melodies for Sight Singing, Benjamin Crowell

This AP course is designed to integrate aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, history, and style. Students will discover, practice, and polish musicianship skills such as dictation and other listening skills, sight-singing, and four-part harmony. The ultimate goal is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score through integrated approaches to the development of the following skills: aural, sight-singing, writing, composing, and analyzing. A student with a high score on the AP test will receive college credit from most universities/colleges, and will typically be placed in a second semester course, waiving the introductory music course.

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. Rehearsals are on

Mondays and Wednesdays from 3:10-4:00. Students with a passing grade will receive .5 credit for one year's participation.

CONCERT 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.*)

INSTRUMENTAL ENSEMBLE

Grades: 9-12

Prerequisites: Demonstrated ability with musical instrument and reading music. Concurrent enrollment in High School Concert Band.

Instrumental Ensemble is a ½ credit before school performing ensemble that studies and performs music from jazz/contemporary styles appropriate for a small ensemble. This ensemble includes contemporary instruments such as piano, bass guitar, rhythm guitar, drum set, and wind instruments. Instrumental ensemble will perform at Grace Concerts and provide music for pep engagements, as well as participate in regional/state festivals.

Practice times are Tuesday and Thursday from 7:15-8:00a.m.

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.

ADVANCED 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.

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. The class will strive toward presenting a "production" once a semester complete with costumes, make-up, and staging/scenery. In preparation for productions, students will discover and develop body, voice, and character communication skills.

FOREIGN LANGUAGE

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

SPANISH I

Grades: 8-12
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: 9-12

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 with 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: 10-12
Prerequisites: Spanish II with a grade of 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.

SPANISH IV

Grade: 11-12
Prerequisite: Spanish III with a grade of 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 acquisition. There is an increased emphasis on 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.

HEALTH

Grade: 9
Prerequisite: None
Textbook: *Total Health: Choices for a Winning Lifestyle* (River's Edge)

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, homework, and a cumulative notebook. The issues of stress, life management, care of the body, risk taking, maturity, and relationships are considered.

PHYSICAL EDUCATION

Grade: 9
Prerequisite: None
Textbook: None

Students will participate in physical conditioning and testing, ultimate frisbee, basketball, archery, volleyball, soccer, baseball, football, and occasional "fun" games that promote activity and team work. Students will be graded on dressing out for class, participation, and unit testing on skills and rules.

FITNESS FOR LIFE

Grades: 11-12
Prerequisite: None
Textbook: None

The purpose of this course is to promote the development and maintenance of personal fitness. It is conceptually based and focuses on healthy living and lifestyle choices, with particular emphasis on the role of exercise. Course content includes fitness assessment, regular physical activity, and participation in a variety of games. In addition to setting and working toward personal fitness goals, students have opportunities to practice positive social skills as they gain an understanding of how a wellness lifestyle affects the quality of life.

MATHEMATICS

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

ALGEBRA I

Grades: 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 extension 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

Grade: 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.**

COMPUTER TECHNOLOGY I

Grades: 9-12
Prerequisite: Keyboarding with a grade of C or better or a Keyboarding Placement test at 40+ wpm.
Textbook: *Enhanced A+ Guide to Managing and Maintaining Your PC* (Course Technology)

Upon course completion, participants will be able to provide hardware-related technical support, maintain and service personal computers. The knowledge and skills developed by students who complete this course will prepare them for the A+ Certification Core exam.

COMPUTER SCIENCE

Grades: 9-12
Prerequisite: Computer Technology I with a grade of C or better
Textbook: *MCP Study Guide* (Course Technology)

This course is intended to give students a solid foundation in programming with Java, today's Web programming language of choice using the Sun JDK (v.1.5) platform. The course emphasizes the natural advantages of the object-oriented Java programming language. Students will learn to write complete programming examples, containing the accurate stages of Input, Output, Problem Analysis and Algorithm Design, and a Complete Program Listing.

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.

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.

Description: Publications students are responsible for producing a high quality student yearbook and monthly newspaper. 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.

STRATEGIES

Grades: 9-12

Prerequisites: None

This is a semester 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 History homework to implement the daily strategies. Time will be allotted for homework. Grades will be based on daily exercises and use of time.

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

Grade: 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 preferred (ties in to math) but NOT 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 Maths.
Textbook: *Modern Biology* (Holt, 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 Biology.

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 have 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 and waves, optics, electricity, magnetism. Class discussions, demonstrations, and lab experiments will cover energy-matter relationships. 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

Prerequisites: 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, reaction 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.

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

Grade: 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
(PE, Strategies, Technology I)
Elective Rotation
(Art, Creative Writing
Drama, Puzzles/Logic,)
Music Rotation

8th Grade

English 8
U.S. History
Earth Science
Bible 8
Pre-Algebra II/Algebra I
Physical Education Rotation
(PE, Career Expl., Technology II)
Elective Rotation
(Art, Creative Writing
Drama, Puzzles/Logic)
Music Rotation
Spanish I

JUNIOR HIGH COURSE OFFERINGS

2008-2009

BIBLE

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

BIBLE 8

Grade: 8
Prerequisite: None
Textbook: *Young Peacemaker; Teach Me Your Ways*

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. We will use Desiring God's youth curriculum which is an in-depth study of the Sermon on the Mount (Matt. 5-7). Emphasis will be placed on understand the meaning of the text in context and how it should affect each one's daily life.

BIBLE 7

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

In this course students will study a total of 34 character traits based on the Biblical perspective. Each character trait is the topic of study for one week during which students engage in a variety of creative experiences, including a study of Scripture, definitions and descriptions. They study the importance of the trait, its practical applications to everyday living, and the cautions regarding its negative counterpart. The Christian worldview is emphasized and opportunities to join God in His work are woven into the course curriculum through school and community ministry projects.

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 short story elements: plot development, theme, setting, characterization, point of view, and other major literary elements in each reading selection. There is a strong emphasis on grammar, writing skills, spelling, vocabulary, and literature. Students use the Analytical Grammar Program which will cover all the rules of grammar through diagramming. Students are required to organize and complete a research paper.

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, and previous math grades

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, and previous math grades

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 founding of the United States and follows our history 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 or French I for the whole year. All other students will to participate in the Elective Rotation: Art, Drama, and Puzzles and Logic.

Music Rotation

Each of the four ensembles rehearses two days per week with all rotation students combined on Wednesdays for activities in musical exploration. Students may choose to be in one of three class combinations, either **Band & Choir**, **Band & Percussion Ensemble**, or **Choir & Chime Ensemble**. Each ensemble provides students with an opportunity to develop their musical abilities and prepare them for participation in high school ensembles.

Band (*Mr. Vreeman, Tues./Fri.*)

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 (*Mr. Vreeman, Mon./Thurs.*)

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.

Chime Ensemble (*Mrs. Belloni, Tues./Fri.*)

Students will learn excellent music reading skills as they study music in a chime choir. This ensemble is excellent for novice musicians and encourages precision teamwork. The students will present various performances throughout the year in the school and the community.

Percussion Ensemble (*Mrs. Belloni, Mon./Thurs.*)

No experience required for this exciting and rhythmic ensemble. Students will learn various percussion rhythms and techniques to enrich all of their musical experiences. This class will be especially valuable to teach rhythm and teamwork. The students will perform at various events throughout the year.

Elective Rotation

Students will take all 4 electives. Each class is a quarter class

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.

CREATIVE WRITING

Grade: 7-8
Prerequisite: None

Creative Writing is a 9 week class designed to encourage young writers to realize success and enjoyment in the writing process. Students keep a portfolio of their work. It will be filled with quick journal writings, story starters, and word challenge activities. At the end of the quarter, students put together their best creative work in a creative writing booklet.

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, story telling, and puppetry.

PUZZLES AND LOGIC

Grades: 7-8
Prerequisite: None

This elective course is designed to stimulate, reinforce, and expand the thinking skills for our students by engaging them in a variety of activities: some of which include logic and reasoning puzzles, anagrams, analogies, visual activities, cooperative problem-solving.

SPANISH I

Grades: 8
Prerequisite: A strong academic record including a minimum 3.5 GPA and faculty recommendation.
Textbook: *Buen Viaje* (Glencoe/McGraw-Hill)

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

This 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.

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, Strategies, PE, Technology I
8th grade: Technology II, PE, Careers., PE

PHYSICAL EDUCATION 7

Grade: 7
Prerequisite: None

In this course students will participate in physical conditioning and testing, ultimate Frisbee, volleyball, basketball, floor hockey, soccer, badminton, as well as occasional “fun” 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, team handball, ultimate Frisbee, soccer, badminton, basketball, volleyball, baseball/softball, as well as occasional “fun” 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.

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.

STRATEGIES

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.

TECHNOLOGY I

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.

TECHNOLOGY II

Grade: 8
Prerequisite: None

This course is a continuation of Technology I. It will lay a foundation for typing research and essay papers. It will also prepare students to test out of keyboarding at the high school level by typing 40+ wpm.