

Course Offerings

BIBLE

APOLOGETICS

The purpose of this course is to introduce students to the broad issues and themes of Apologetic methodology as well as provide the student with intellectual tools to defend the truth of Christianity in the public square. To that end, students will be introduced to various methods and arguments that have been used throughout the history of Christianity. Both Classical and Current arguments (under such topics as “arguments for the existence of God,” “the relationship of faith and reason,” and “the historical reliability of Scripture” among others) will be discussed and assessed for their truth and usefulness in defending the faith. Above all else, the course seeks to strengthen and nurture the hearts and minds of the students as we struggle with the issues and challenges of a fallen world.

Grade Level: Senior

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

CHURCH HISTORY

The history of the church is a study in the operations of the Holy Spirit under the conditions of our humanity from the time of the ascension of Christ to the current day. In dramatic terms the history of the church is Act IV in the divine drama: I. Creation / Fall; II. Israel; III. Christ; IV. The Church; V. The Return of Christ and the New Heavens and New Earth. Thus we will attempt to trace the historical movement of the church as a series of Holy Spirit-inspired improvisations and reformations as the church, not always successfully, has attempted to en flesh the Gospel in the midst of changing cultures and intellectual paradigms.

Our hope is to marvel at the work of the Spirit in the church, to appreciate how the gospel has been passed down to us by the church, to understand how history and culture affect the church both for good and for ill, to understand the historical origins of our own traditions, and ultimately, to fall in love with the church as Gods People, the Bride of Christ, extended in space and time.

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: Full Year

Time: 45 min. two times per week (see Schedule)

Prerequisite: None

HERMENEUTICS

Hermeneutics, or “Eat This Book.”

“When your words came, I ate them; they were my joy and my heart’s delight.” Jer. 15 The triune God reveals himself to his creatures through the mute praise of creation, and the muffled voice of conscience. However, he is also a language user, has gifted humans with language, and has made us addressable and responsible. To that end, he chose to communicate to us through the authoritative teaching and writing of various individuals in the history of Israel and the Church. Hermeneutics is the study and practice of reading and responding to those authoritative writings, collected into the canon of Holy Scripture. In this class you will move from being fed by others to feeding yourself, in order that you in turn may someday feed others as well. In this class, we will begin to construct a theology of Scripture, we will consider the nature and purpose of language and “meaning,” we will examine the various genres of Scripture, and their unique interpretative challenges, we will explore the historical-cultural backgrounds of Scripture, and we will practice reading all of Scripture as carefully and as competently as we can. “I opened my mouth, and he gave me the scroll to eat. Then he said to me, ‘Son of man, eat this scroll I am giving you and fill your stomach with it.’ So I ate it, and it tasted as sweet as honey in my mouth.” Ezekiel 3

Grade Level: Junior

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

LIFE OF CHRIST

In Life of Christ, we aim to do the following: to experience the majesty of the incarnation and to fall in love with Jesus, to become familiar with the historical setting of 1st century Israel in order to understand Jesus’ actions and teaching in their context, to examine Jesus’ major acts and discourses, to become familiar with the genre and unique characteristics of each Gospel, to consider the uniqueness of Christ as true God and true Man, the sole mediator of God’s revelation and salvation, and to begin to develop a basic Christology, to practice being conformed to the image of Christ in Christian discipleship.

Grade Level: Freshman

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

FINE ARTS

ART HISTORY I

Art History I provides an exciting, fun background to basic art history starting with the earliest known evidence of mankind's efforts to make art and ending with Impressionism. In addition to this timeline, students also review basic composition elements and study how art in western civilization is influenced by the art of non-western cultures. Lectures, research projects, and visual art projects make up the majority of the work. Research and visual art projects require the background established in freshman and sophomore art. Discussion and evaluation of master works of art are enhanced by the students' previous experience in actually making art. Subjects covered include the three most important periods in art history, Greek Art, the Renaissance in Italy and Impressionism. Background review of elements and principles of design and the study of art in non-western cultures provide an introduction to this survey of art in western civilization. Quizzes and tests follow each section.

Grade Level: Junior

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: Art I and Art II

ART HISTORY II

This course continues the study of art history starting with Impressionism then following a time line into the present. Specific attention is paid to Art in America and in that case some back tracking is necessary with regards to the timeline. Students will do research projects designed to study periods and particular artists. In addition to the research hands-on projects designed to gain a richer appreciation for artists and their styles. It is hoped that some students will reach the poetic level of expression with the projects but in that art is a long-term study, realistically true poetic expression is not a goal. Subjects covered include: Impressionism, Post-Impressionism, Cubism, Abstract Art, Surrealism, Expressionism, Abstract Expressionism, The Ash Can School, Regionalism in America, Art of the American West, Pop Art and the New Realism Movement.

Grade Level: Senior

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: Art History I

FRESHMAN ART

Freshman art is the first time in the art program where students are faced with the challenge of picture making. The course begins with a review of preliminary work requirements. Following the preliminary work segment students are introduced to the elements of design. The elements of design are the foundation of visual composition. Our goal is to establish first of all that visual composition is not an accident and particularly what the function of composition is. Additionally, we expect students to know the elements of design and the basic information about each that will allow students to manipulate each element when needed. Lectures introduce the elements of design and their mechanics. Projects designed to allow students to use the material in making an image follow the lecture. Quizzes require the students to retain the information in an academic form follow the projects. Subjects covered include line, direction, size, shape, value, color, and texture. Each new project assignment requires the use of the previous information.

Grade Level: Freshman

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

SOPHOMORE ART

Sophomore art is the second in the series of the study of design. The course is based on the study of the principles of design. Lectures, projects and quizzes for each of the eight principles of design complete our study of visual composition. The background established in Freshman Art is required and the two design courses are needed for the evaluation stage which is a main element of art history. Lectures provide the basic information; projects require the use of the lecture material and quizzes hold students accountable for the material. Each new project requires attention be paid to each of the previous principles learned. Combining the elements and principles of design is not an easy task and while we strive for the poetic stage in learning few students will actually reach this goal. Visual composition is a lifetime study. These courses in design however provide for our students a background in visual composition that is consistent with academy training. Subjects studied include visual balance, movement, rhythm, emphasis, pattern, proportion, unity and variety.

Grade Level: Sophomore

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: Freshman Art

FRESHMAN THROUGH SENIOR CHOIR

The purpose of the CPLS high school choir is to glorify God corporately through song and to develop the vocal giftings of the individual singer. Choir is for 9th-12th grade students without audition. Students are instructed in music reading and sight singing at an advanced level of reading proficiency. Attention is also given to ear training. Ear training includes rhythmic dictation, melodic dictation, and aural identification of intervals. Classroom time is also spent rehearsing some of the great choral works of composers such as Mendelssohn, Mozart, and Rutter for upcoming concerts. Members are required to sing in all five of the choir concerts.

Fall Concert – October

Christmas Concert - December

MAACS Concert & Fine Arts Night – March

MAACS Competition – March

Spring Concert- May

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: Full Year or One Semester

Time: 45 min. three times per week (see Schedule)

Prerequisite: None

MUSIC HISTORY

This course is intended to help students better understand and appreciate music. To develop this appreciation, the course begins with a general study of the elements of music: melody, rhythm, harmony, timbre, and form. Those foundational elements are used to understand the stylistic characteristics of the Middle Ages, the Renaissance, the Baroque, the Classical, the Romantic period, and contemporary art music. Students study these time periods by composing in imitation and by exploring the works of Palestrina, Vivaldi, Bach, Handel, Haydn, Mozart, Beethoven, Schubert, Chopin, Liszt, Mendelssohn, Berlioz, Tchaikovsky, Brahms, Wagner, Schoenberg, and Copland. To enhance the appreciation of music, students are required to attend live performances of these and other great composers' works.

Grade Level: Senior

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

HISTORY/PHILOSOPHY

ANCIENT HISTORY & LITERATURE

This course explores God's providential superintendence over nations and men throughout history. The course begins with an examination of Mortimer Adler's, How to Read a Book, and an analysis of Mere Christianity by C.S. Lewis. From that foundation, man's intellectual and spiritual journey through history is studied, beginning with Genesis and trekking through Troy with Odysseus, Old Testament events from Jericho to Jerusalem, the life of Alexander the Great and the influence of Julius Caesar. Along the way, the class will memorize poems that encourage character and complement the stories that are studied.

Grade Level: Senior

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

DIRECTED READINGS IN HISTORY

This unique course allows the students to read historical works of their own choosing within a range of categories. Six books must be read, three per quarter, that fall into the categories of historical fiction, biography and historical narrative (a non-fiction account of an event or era). Students present critiques and overviews to their fellow classmates via power point presentations, lectures, and papers.

The primary purpose of this course involves the promotion of a spirit of self-education that will hopefully be characteristic of the remainder of your days in this life. For some of you it will serve as a reinforcement of things you have already been doing. For others, it may come as an introduction to a new way of understanding learning and thinking. For all, it is my sincere hope that you will meet new "friends" through historical literature and gain new understanding of historical persons, eras and events, and thereby gain greater perspective on the contemporary world.

Grade Level: Senior

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

ECONOMICS

Economics is a grammar-oriented course that introduces students for the first time to many of the terms, definitions and characteristics of free market economics. Students will be taught to think positively about the virtues of a free market and individual freedom to pursue private property. They will also explore the potential pitfalls and abuses that can be a part of a system that promotes minimal governmental interference. They will examine the American system and evaluate whether or not ours is truly a free market economy. Finally, students will be introduced to many practical aspects of personal finance which include budgeting, personal banking, giving, and principles of wise management of personal wealth.

Grade Level: Sophomore

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

GREAT IDEAS - MORAL PHILOSOPHY

To understand – or begin to understand – the dialogue that has taken place between philosophers, theologians, novelists, artists, and other writers regarding the question “What is the good life?”

To understand the influence these authors and discussions have had on modern society, politics, and ethics, and the way we think and act.

To dialogue with the philosophers - questioning their presuppositions and arguments and allowing them to question ours.

To cultivate theological habits of thought and action as we discover what it might mean for us to live “the good life” before God, in community with other people, and in concert with God’s good but fallen creation.

To develop an appreciation for beauty, the arts, and the role of humans as “sub-creators” made in God’s image.

Grade Level: Junior or Senior

Length of Course: Full Year (when beginning school year is an even # year)

Time: 90 min. every other day (see Schedule)

Prerequisite: None

GREAT IDEAS - POLITICAL PHILOSOPHY

To understand – or begin to understand - the arguments that emerge from the centuries-long dialogue that has been taking place between the great political philosophers and theologians regarding justice, equality, and freedom.

To understand the influence these philosophers have had on modern society, politics, and ethics.

To enter into dialogue with the philosophers - questioning their presuppositions and arguments and allowing them to question ours by reading exclusively from the primary sources and engaging them as if written to us.

To theologize as well as philosophize, that is, to approach all our reading and learning from a theological perspective.

Grade Level: Junior or Senior

Length of Course: Full Year when the beginning school year is an odd year.

Time: 90 min. every other day (see Schedule)

Prerequisite: None

GOVERNMENT

The purpose of this course is to develop an appreciation for and an understanding of the U.S. Constitution and Government. The course will cover an in-depth study of each of the Articles and Amendments of the Constitution as well as the historical background and development of each. The course will also review many primary sources (such as the Federalist Essays) to develop an understanding of the political and moral philosophies that went in to the creation of the U.S. Government. Students will engage in debates over controversial issues dealing with the current disputes about the interpretation of the Constitution and come to a reasoned position on each.

Grade Level: Sophomore

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

UNITED STATES HISTORY

During this year long overview of United States History, students become more familiar with key people, dates and events. Paul Johnson's narrative work, History of the American People, is used as the foundational text in the quest to let those who have gone before us help us understand ourselves, each other, this nation and our world. Students will encounter many primary sources and will learn history by reading a challenging text and writing and researching about our great nation.

Grade Level: Freshman

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

KEYBOARDING

KEYBOARDING

Using Microcomputer Keyboarding and Document Processing by Johnson and Stanley, students will become familiar with the standard keyboard of computers and word processing equipment. They will be urged to use proper posture and technique in working during class to gradually improve their speed and accuracy. Progressively more difficult quizzes are scheduled nearly every week to assess student progress toward the target of 40 words per minute.

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: One Semester

Time: 45 min. two times per week (see Schedule)

Prerequisite: None

LOGIC

LOGIC 1 – INFORMAL FALLACIES

Logic 1 provides an overview of 32 logical fallacies that are most commonly used in argumentation. Using Thomas Hooker's text, "Don't You Believe It", students will examine, discuss and practice refutation of such logical fallacies as argument to the man, appeal to power, bandwagon effect, "straw men" and the ever present red herring.

TEXT:

Don't You Believe it – Thomas Hooker

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: One Semester

Time: 45 min. two times per week (see Schedule)

Prerequisite: None

LOGIC 2 – FORMAL LOGIC

"Logic is the art of using Reason well in our inquiries after truth, and the communication of it to others." So states Sir Isaac Watts in the introduction to his classic text on Logic. Logic 2 students enter into discussion with this great philosopher, theologian and hymn writer about the nature, kinds and rules of Aristotelian syllogisms, general rules to direct our reasoning and the nature and kinds of method –placing things and operations in such an order as is most convenient for attaining proposed ends.

TEXT:

Logic: The Right Use of Reason in the Inquiry After Truth – Isaac Watts

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: One Semester

Time: 45 min. two times per week (see Schedule)

Prerequisite: None

LANGUAGE ARTS

CREATIVE WRITING

The Christian tradition has long associated human creativity and the imagination with the imago Dei in which we were created. Likewise, the Creator speaks an active word of creation, he speaks to his creatures, and gifts us with language to speak to each other. To that end, in this class, we will attempt to learn to use language creatively and effectively, so that we can write with wit, wisdom, and wonder. We will read widely, from ancient to modern literature, we will explore classical rhetorical tropes, and we will learn the difficult skill of revision, revision, revision. And, of course, we will write: memoirs, the personal essay, fables and fairy tales, short stories, detective stories, and drama, before settling into an extended period of reading and writing the highest and most intense form of language, the poem.

Grade Level: Junior or Senior

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

DIRECTED READINGS IN SHAKESPEARE

The purpose of this course is to study Shakespeare's dramatic craftsmanship, poetry, humor, characterization, psychology, and modern pertinence illustrated in representative tragedies, comedies, and history plays. Plays studied will include:

King Lear

Midsummer Night's Dream

The Tempest

The Merchant of Venice

Much Ado About Nothing

Richard III

Grade Level: Sophomore, Junior or Senior

Length of Course: Fall Semester

Time: 45 min. two times per week (see Schedule)

Prerequisite: None

ENGLISH I & AMERICAN LITERATURE

This course is a chronological study of the literature of the American people. The first semester emphasizes the literary heritage of the Puritans and the Founding Fathers. The second semester covers American Romanticism, Realism and the early Modern Era, with emphasis on the short fiction and poetry of those periods. The course will include instruction and assessment in the following areas of language arts: literature, vocabulary building, grammar and composition. A variety of teaching techniques and methods will be used including written/oral exercises, lecture, drill, class discussion, quizzes, tests, peer evaluation.

TEXTS:

Beginnings of American Literature: Classics for Christians, Vol. 3

The Literature of the American People: Classics for Christians, Vol. 4

Warriner's English Composition and Grammar: Fifth Course

Scarlet Letter - Hawthorne

The Adventures of Huckleberry Finn - Twain

Grade Level: Freshman

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

ENGLISH II & WORLD LITERATURE

“What then is the good of occupying our hearts with stories of what never happened and entering vicariously into feelings which we should try to avoid having in our own person?... The nearest I have yet got to an answer is that we seek an enlargement of our being. We want to be more than ourselves, we want to see with other eyes, to imagine with other imaginations, to feel with other hearts, as well as with our own.... We demand windows.” C.S. Lewis, *An Experiment in Criticism*, In sophomore literature, we open ourselves to experience the wonder and delight of reading several of the greatest pieces of literature produced by human “sub-creators,” created in the image of the Creating God, particularly in the area of tragedy. Besides reading, we will consider the enduring human experience of and response to tragedy, loss, suffering, and human longing. Our journey takes us through tragedies written from both a non-Christian perspective (*The Epic of Gilgamesh*, Homer’s *Iliad*, Sophocles’ three Oedipus plays, Shakespeare’s *Hamlet*) and from a Christian perspective (Flannery O’Connor’s short stories, C. S. Lewis’ *Till We Have Faces*). However, we will finish the year with two “comedies,” of sorts, which attempt to contain tragedy within the wisdom and workings of God: the greatest piece of

Christian literature ever written, Dante's *Divine Comedy*, and C. S. Lewis' adaptation of it, *The Great Divorce*.

We will also consider what bearing Christian faith has on the study of literature and education. We will learn about literature and about ourselves through written responses to literature, and we will attempt to hone our writing skills at the sentence, paragraph, and thesis levels. And, of course, we will memorize a few worthy poems that complement our reading throughout the year.

Grade Level: Sophomore

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

ENGLISH III

This course is a chronological study of the literature of Great Britain, beginning in the first semester with literature from the Anglo-Saxon period and continuing through the Medieval and Elizabethan ages. The second semester begins with literature from the Puritan Age and continues through the Restoration, Neo classicism, Romanticism, Victorian Age and a brief look at the modern era.

Along with the study of literature, the course will also include instruction and assessment in vocabulary building, grammar and composition. A variety of teaching techniques and methods will be used including written/oral exercises, lecture, drill, class discussion, quizzes, tests, peer evaluation.

TEXTS:

Handbook of Grammar and Composition

Workbook V for Handbook of Grammar and Composition

Introduction to English Literature

The Literature of England

Ivanhoe - Scott (summer reading)

Beowulf - tr. Heaney

Canterbury Tales (Excerpts) - Chaucer

Everyman (Excerpts)

Murder in the Cathedral - Eliot

Doctor Faustus (Excerpts) - Marlowe

Macbeth - Shakespeare

Paradise Lost (Excerpts) -Milton

Rape of the Lock - Pope

A Tale of Two Cities - Dickens

Pride and Prejudice - Austen

Grade Level: Junior
Length of Course: Full Year
Time: 90 min. every other day (see Schedule)
Prerequisite: English II

ENGLISH IV

This course is a study of four literary genres: short story, novel, poetry, and dramatic literature. Since students have already been exposed to these forms in previous grades, this study will build on that knowledge and emphasize literary analysis and criticism. The course will also include instruction and assessment in vocabulary building, grammar and composition. A variety of teaching techniques and methods will be used including written/oral exercises, lecture, drill, class discussion, quizzes, tests, compositions, group/individual projects and presentations, research, peer evaluation.

TEXTS:

Handbook of Grammar and Composition
Workbook B for Handbook of Grammar and Composition
Literature: Structure, Sound, and Sense - Perrine and Arp
Othello – Shakespeare
Taming of the Shrew - Shakespeare
Tartuffe - Moliere
Doll's House - Ibsen
Crime and Punishment - Dostoyevsky
(Selected short stories)
(Selected poetry)
(Selected modern dramatic literature)

Grade Level: Senior
Length of Course: Full Year
Time: 90 min. every other day (see Schedule)
Prerequisite: English III

RHETORIC

The aim of this course is to help the student cultivate the ability to speak effectively and eloquently in public forums. This course is modeled after classical Greek rhetorical training using the Progymnasmata. We will be studying deliberative, judicial, and ceremonial rhetoric using writing and speaking exercises on the narrative, description, fable, proverb, anecdote, refutation and confirmation, invective, encomium, and thesis. The students will also compete at MAACS as part of a speech-in-character unit. The

course also works in conjunction with Great Ideas in preparing the student for their final thesis presentation.

TEXTS:

Public Speaking – Stephen Lucas

Classical Rhetoric for the Modern Student – Edward Corbett and Robert J. Connors

Grade Level: Junior or Senior

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

WISDOM LITERATURE

The purpose of this course is to provide the student with an in-depth study of “Wisdom” books of the Hebrew Bible: Proverbs, Job, Ecclesiastes and a selection of the Psalms. The course will look at exegetical issues in the interpretation of Wisdom Literature, its place in the larger canon of Scripture, all with an eye towards application and forming oneself in a covenant relationship with the Lord. Student will participate in independent research projects and presentations on various topics within Proverbs as well as a major project on the overall theme and message of the book of Job.

Grade Level: Sophomore

Length of Course: One Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

LANGUAGES

GREEK I

This course is an introduction to Attic Greek, with special attention given to New Testament (Koine) Greek. Students will learn the basic grammar and vocabulary of Ancient Greek.

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: Full Year

Time: 45 min. three times per week (see Schedule)

Prerequisite: None

GREEK II

This course is a continuance of Greek I that builds on the grammar and syntax of Attic Greek. Students will learn advanced grammar and will translate a large portion of the New Testament and from Herodotus. Prerequisite: Greek I

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: Full Year

Time: 45 min. two times per week (see Schedule)

Prerequisite: Greek I

SPANISH I

The purpose of this course is for students to develop the necessary reading, writing, speaking and listening skills to communicate on a basic level with Spanish speakers and to catch a glimpse of Hispanic culture. Methods and materials will be interactive and will include various texts, oral, listening, and writing exercises, lecture-demonstration, repetition drills, listening activities, TPR (Total Physical Response), video, music, games, skits, and music.

Grade Level: Freshman

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

SPANISH II

The purpose of this course is to sharpen students' existing skills while developing additional skills in reading, writing, speaking, and listening to enable them to communicate on an intermediate level with Spanish speakers and to further expand their knowledge of Spanish-speaking cultures. Indicative present, past, imperfect, future and conditional moods will be covered. Methods and materials will be similar to Spanish 1.

Grade Level: Sophomore

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: Spanish I

SPANISH III

The purpose of this course is to hone existing and develop additional skills in reading, writing, speaking, listening to communicate on an intermediate-advanced level with Spanish speakers and will explore more Spanish-speaking cultural aspects. Students will

learn some colloquial Spanish and begin to practice circumlocution when vocabulary is unknown. Indicative moods and present subjunctive moods will be covered. The class will be taught in Spanish; English will only be used to clarify when there is confusion or specific instruction is needed. Students will also further their ability to express ideas of the Christian faith using Scripture and songs in Spanish.

Grade Level: Junior

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: Spanish II

SPANISH IV

The purpose of this advanced course is for students to perfect and practice vocabulary and grammar from Spanish 1-3 as well as develop additional skills in reading, writing, speaking, listening to communicate on an advanced level with Spanish speakers and expand their knowledge of Spanish-speaking cultures. Students will learn additional colloquial Spanish and continue to practice circumlocution to express ideas where vocabulary is unknown. Indicative and subjunctive moods will be covered. The class will be taught in Spanish; no English will be allowed. Students will express ideas of the Christian faith using Scripture, songs, prayers and testimonies in Spanish.

Grade Level: Senior

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: Spanish III

LATIN READINGS: POETRY

This course is designed to introduce the student to Latin poetry of the late Republic and early Empire. During the first semester, students will read selections from lyric and elegaic poetry of Catullus and Ovid and the odes of Horace. Emphasis will be placed upon reading the original texts with attention to meter and style. Students will make presentations on each of the poets in order to provide the socio-historical and political background of this period. During the second semester, the emphasis shifts from lyric, elegaic and the ode to epic poetry. Students will read Lombardo's English translation of Vergil's *Aeneid* before choosing passages to read in the original Latin. Our study of Vergil will include study of the political background of the poet's relationship with Augustus, the occasion for composing the *Aeneid*, the relationship of the *Aeneid* with Homer's *Iliad* and *Odyssey*, and the genre of epic poetry. Students will memorize complete poems, songs, prayers, and selections from the *Aeneid*.

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: Full Year (when beginning school year is an even # year)

Time: 45 min. three times per week (see Schedule)

Prerequisite: Completion of intermediate Latin grammar and permission from instructor.

LATIN READINGS: PROSE

This course is designed to lead the student through extensive passages from ancient Latin authors including Cicero, Caesar, and Pliny. The focus of this course is less upon vocabulary acquisition and mastery of grammar and syntax and more upon reading original Latin texts. The instructor will give presentations on various aspects of Roman culture. Students will memorize and recite songs, prayers, and poems.

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: Full Year (when beginning school year is an odd # year)

Time: 45 min. three times per week (see Schedule)

Prerequisite: Completion of intermediate Latin grammar and permission from instructor.

MATHEMATICS

ADVANCED ALGEBRA

In Advanced Algebra, students are able to perfect and extend the Algebra skills they learned in 8th grade. Students encounter topics such as variation, linear functions, systems of equations, quadratic functions, power functions, inverse functions, radical functions (square roots, cube roots, etc.), exponential functions, and logarithmic functions. Trigonometry is introduced at the end of the course, setting the stage for a fuller discussion of this topic in Physics and Functions, Trigonometry, and Pre-Calculus.

Grade Level: Sophomore

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: Algebra I

ADVANCED CALCULUS

Calculus is the study of the behavior of functions. Integrating ideas from all of the previous courses, Calculus takes algebra, trigonometry, and geometry and merges them into new, powerful tools that describe many aspects of the world around us. Topics covered in this course include (but are not limited to) limits, derivatives, integrals (definite and indefinite), trigonometric substitution, and problem solving. Students who take this class may take the AP Calculus Test, although additional time outside of class to prepare for the test will be necessary.

Grade Level: Senior
Length of Course: Full Year
Time: 90 min. every other day (see Schedule)
Prerequisite: Pre-Calculus

FUNCTIONS, TRIGONOMETRY, AND PRE-CALCULUS

Functions, Trigonometry, and Pre-Calculus (FTP) combines elements of a typical pre-calculus course with algebra review to prepare all students for the mathematics they will encounter in school and in real life. The class breaks into three parts. An algebra review focuses on the material covered in the later half of the Advanced Algebra class, providing students with the opportunity to sharpen their skills with linear, exponential, and logarithmic functions as well as solving quadratic equations. The second part, trigonometry, discusses the various trigonometric ratios and the trigonometric functions. Finally, a sequence of pre-calculus topics covers polynomials, polynomial factoring, sequences and series, limits of sequences, permutations and combinations, limits and derivatives, vector arithmetic, and conic sections.

Grade Level: Junior
Length of Course: Full Year
Time: 90 min. every other day (see Schedule)
Prerequisite: Advanced Algebra and Geometry

GEOMETRY

The groundwork for all of higher mathematics – and critical to the full development of logical thinking – Geometry explores the various figures and shapes of the world God has created. The geometry discussed is almost exclusively Euclidean, with the emphasis placed on applying the properties of various figures to real-world situations. Area and volume, triangle congruence, polygons, circles, lines, angles, reflections, and symmetry are among the topics covered. Proofs are a required part of the course, and students are expected to be able to use logic, postulates, and previously proven theorems to justify their answers.

Grade Level: Freshman
Length of Course: Full Year
Time: 90 min. every other day (see Schedule)
Prerequisite: Algebra I

SCIENCES

ASTRONOMY

“The heavens declare the glory of God, and the firmament sheweth His handiwork.” Astronomy is the study of just how the heavens and firmament point to God as creator and sustainer of the universe. Students explore the physical universe, examine the ways in which the sun and moon have been used to determine seasons, days and times, and critique the various cosmological theories that are a part of today’s scientific and philosophical conversations. The course is taught from a young earth, six creation day perspective, and the first words and final authority on cosmological considerations is Holy Scripture. Astronomy will also be examined as a part of the medieval “quadrivium” and how it was - and should still be - integrated with the other aspects of the seven great liberal arts.

TEXT:

The Astronomy Book – Dr. Jonathan Henry

Grade Level: Senior

Length of Course: Fall Semester

Time: 90 min. every other day (see Schedule)

Prerequisite: None

BIOLOGY

This course is designed to provide the student a hands-on approach to the study of biology. We will study the following topics: biological chemistry, basic cytology, genetics, evolution, creation and intelligent design, microbiology, botany and zoology. We will focus on developing the tools required to think well scientifically within the framework of a Christian world view with whatever our current topic is as our medium. Another major part of this course is the scientific research paper and experimentation project assigned to be completed for the School Science Fair at the end of January. This project parallels topics in the freshman English class. Freshman students will experience first hand research and the opportunity to fine tune their presentations and technical writing skills. They will also learn how to effectively use the scientific method as a tool to solve problems and answer questions.

Grade Level: Freshman

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

CHEMISTRY

This course is designed to provide the student a hands-on approach to the study of chemistry. We will study the following topics: matter and its classifications, chemical reactions, atomic theory, and an introduction to nuclear and organic chemistry. Due to the breadth of the topics covered our focus will be on developing the tools required to think well scientifically as a Christian using the topic at hand as our medium. Another major part of this course is the scientific research paper and experimentation project assigned to be completed for the School Science Fair at the end of January. The students will have an opportunity to expand on their experiences from last year and excel all the more with their presentations designed for the Science Fair.

Grade Level: Sophomore

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: None

ADVANCED CHEMISTRY

The purpose of this course is to review the foundations, principles, and concepts of chemistry and push into a deeper understanding of chemistry. In addition, Advanced Chemistry will cover topics that were not covered in sophomore level chemistry. To do this, students will be given hands-on experience in the laboratory to come to an understanding of matter, chemical reactions, atomic theory, nuclear chemistry, and organic chemistry. In addition, the students will deal with complex issues of chemical bonding and molecular shapes. They will be exposed to lectures, videos, and experiments to illustrate the concepts of chemistry.

Grade Level: Senior

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: Chemistry

GEOLOGY

The purpose of this course is to study the basics of geology with an emphasis on lab, projects, and field trips. Rock and mineral samples will be available for students to study both in class and for home use. Models will be created by students to help them understand the concepts covered in class. This course will also be paired with the most appropriate Grammar school grade. The geology students will then teach the younger students as an expression of what they have learned in this class. Field trips will tie the class together as the students have an opportunity to see Kansas geology first hand. A final project will take the form of a presentation describing the geology they may experience in their class tour at the end of the school year.

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: Fall Semester

Time: 45 min. two times per week (see Schedule)

Prerequisite: None

METEOROLOGY

The purpose of this course is to study the atmosphere and its processes. God has designed a world that has regular patterns in it, patterns that we can understand to a limited degree. These patterns, while regular, have an astounding amount of variety within them. This course provides an introduction to the science of meteorology with the goal of enabling the student to better understand the weather as it affects our daily life. In addition, this course aims to foster a greater reverence for God by understanding better the wisdom and power needed to create such an amazing atmospheric system. The material will be discussed primarily at a conceptual level, giving the student the ability to understand more about the wonderful weather which God has designed without becoming bogged down in mathematics. Topics covered include structure of the atmosphere, hydrologic cycle, meteorological observation, cloud identification and interpretation, severe weather, hurricanes, and forecasting.

Grade Level: Freshman, Sophomore, Junior or Senior

Length of Course: Spring Semester

Time: 45 min. two times per week (see Schedule)

Prerequisite: None

PHYSICS

The purpose of this course is to review the foundations, principles, and concepts of physical concepts learned in earlier classes and push into a deeper understanding of physics. As such, there will be many topics covered in this class that will be new. There will be much more math to do that you may be used to in a science class. Physics is the mathematical representation for the natural physical laws God uses to maintain his creation. Because this is math intensive, you will be provided with the formulas on tests that may aide in your success. To help you succeed, you will be given as much hands-on experience as possible in the laboratory and out to come to a deeper understanding of motion, fluids, waves, energy, and electricity. Lectures, videos, a wide variety of experiments,

Grade Level: Junior

Length of Course: Full Year

Time: 90 min. every other day (see Schedule)

Prerequisite: Algebra II