

High School Course Summary

English/Language Arts

English 9	English 10	English 11
English 12	AP English Language and Composition	AP English Literature and Composition*

Math

Pre-Algebra	Algebra I	Algebra II
Geometry*	Pre-Calculus*	AP Calculus AB*

Science

Biology	Marine Science	Chemistry
Earth Space Science	Physics	AP Biology*
AP Chemistry*		

Social Studies

World History	World Geography	American History*
Global Studies	American Government**	Economics**
AP World History*	AP US History*	AP US Government* **
AP Macroeconomics* **	AP Microeconomics* **	

Advanced Placement Courses

AP Eng Language and Comp	AP US Government* **	AP Microeconomics* **
AP Eng Lit and Composition*	AP US History*	AP Macroeconomics* **
AP Calculus*	AP Art History	AP Biology*
AP Chemistry*	AP World History*	AP Computer Science*

Bible Courses

Lightbearers	Jesus: Prophet, Priest, King, Savior	Basic Bible Doctrines I**
Basic Bible Doctrines II**	Apologetics I**	Apologetics II**
Life Shaping Decisions**	Understanding the Times I**	Understanding the Times II**
Have We Lost Our Minds? **		

Foreign Languages

Spanish I	Spanish II	Spanish III
Latin I	Latin II	Latin III
Chinese I	Chinese II	

Electives

Health (Life Management Skills)**	SAT Preparation**	Thinking and Learning Strategies**"G"
Fitness Lifestyle Design (PE)**	Computing for College and Career*	Digital Photography**
Flash Animation* **	Psychology I**	Psychology II**

Note: Psychology I and II can be taken together as a full-year course called "Psychology."

High School Course Descriptions

Bible

Apologetics I and II We are commanded as Christians to ‘always be prepared when anyone asks you to give the reason for the hope that you have’ (I Peter 3:15). These courses are designed to help students “always be prepared.” To fail to offer young followers of Christ the opportunity to know and understand the rational reasons for Christianity is to prepare them for a life of shallow faith or to set them up for disillusionment over what they “grew up believing.” Apologetics will open students’ minds to the logic of Christianity and the rationality of the Christian worldview. Apologetics I and II will include Scripture memorization and personal devotional time as important aspects of a whole apologist. A 3rd course- Advanced Apologetics is planned for release within one year.

Apologetics I will introduce the rationale for studying apologetics and provide a basic understanding of the study of rational arguments. The course will define and identify worldviews helping the student to see the distinctions of a Christian worldview. The relationship between evangelism and apologetics will be studied. In the context of evangelism the course will prepare students to present arguments for the existence of God and the validity of Scripture. This is a semester course and won an ACSI award in 2006.

Apologetics II: The second course in apologetics will start with creation in Genesis and end with the new creation brought about by the resurrection of Jesus Christ. Much time will be devoted to understanding the present debate of origins scientifically and theologically. In this course the problem of pain – why bad things happen to good people – will be responded to. Most importantly, reasons for belief in the resurrection will be studied and responses to common objections to the resurrection will be addressed. This is a semester course and won an ACSI award in 2006. Students are not required to take Apologetics I before Apologetics II.

Basic Bible Doctrine I and II Basic Bible Doctrine I is an upper-level high school course that covers several of the basic doctrines in Scripture, including the doctrines of Scripture, God, man, and sin. These teachings are dealt with in a systematic way that shows the unity and consistency of biblical truth.

Basic Bible Doctrine II continues where Basic Bible Doctrine I leaves off. It covers the basic doctrines of Christ, Salvation, Holy Spirit, and Last Things. Care is taken to ensure that the doctrines presented are firmly established on the inerrant Word of God.

Have We Lost Our Minds?! Worldview Curriculum for Teenagers Have We Lost Our Minds?! directs students to comprehend core Christian truths with immediate application to their personal life, countering current cultural ideas. The student is taught a basis for Christian thought so that they construct a biblical worldview which addresses real issues in the real world. Because this course is designed to engage worldly thought processes, it is imperative students be able to rent, download, or borrow movies (i.e., Signs, The Matrix, Mission to Mars, etc.) and music. Since they are contemporary movies, parental discernment is advised before signing up for the class. This course is best taken by those that have finished the second semester of their sophomore year in high school (and those older than that).

Life Shaping Decisions- Applying God's Word to College and Career Planning Life-Shaping Decisions is a one-semester course that aims at helping high school students think about life after high school from God's perspective. In today's world, that is a difficult task. Most people are consumed with living life from a perspective adopted from the world around them. This course will challenge young adults with the biblical concept of career stewardship. It will also give them the resources to begin building their own career plan wisely and faithfully.

Jesus: Prophet, Priest, King and Savior Acts 4:12 declares that there is no other name given to mankind, that we might be saved—Jesus. Students will get to know Jesus through a topical study of His work and ministry, both on Earth and in Heaven. Jesus ties together God's plan throughout the Old Testament and His interaction and intervention in the lives of those who follow Him today. Students will explore both the Old Testament roots of Jesus' various ministries and the way those roles influence their current relationship with Him. The last module takes those ideas and puts them into practice, allowing students the opportunity to see Jesus live His life and do His ministry through them. This year long course is designed for those in grades 5 to 9.

New Testament Survey- Dual Credit This course covers the literature of the New Testament. Special attention will be given to the life of Christ and the history of the early church, including the life of Paul. This is a college course designed for and offered through Sevenstar Academy by Indiana Wesleyan University. Since successful completion earns college credit, it is open to high school Juniors and Seniors. The cost is the same as an AP course.

Old Testament Survey-Dual Credit A study of the Old Testament, highlighting the cultural background underlying the books of the Old Testament. Topics include major archaeological finds, Old Testament culture as it relates to today's culture, and the foundational relationship between the Old Testament and the New Testament. This is a college course designed for and offered through Sevenstar Academy by Indiana Wesleyan University. Since successful completion earns college credit, it is open to HS Juniors and Seniors. The cost is the same as an AP course.

Understanding the Times I and II Understanding the Times (I and II) is a one or two semester course for the 11th or 12th grader (or adult) that brings a host of Christian worldview and apologetic experts to you. This class will help you clearly understand the tenets of the Christian worldview and how it compares with the tenets of other leading worldviews of our day: Islam, Secular Humanism, Marxism, New Age, and Postmodernism. It is a challenging, demanding, and rich course.

Some of the issues covered include: abortion, apologetics, the arts, biotechnology, critical thinking, cults, euthanasia, leadership, radical environmentalism, radical feminism, the problem of evil, religious pluralism, scriptural reliability, and more. The material has been provided through a partnership with Summit Ministries.

English/Language Arts

English I This course seeks to expand a student's personal, social, literary, historical and spiritual vision. Freshman Survey will provide students with activities which highlight many types of vision, including: foresight, tunnel vision, double vision, blurred vision, x-ray vision, and insight. The idea of vision will control each activity and also extend into the community, as students participate in GLOBAL VIEW, a cultural community arts project, and plan a short term missions trip. The course will look at how internal ("I") and external ("other") visions connect to create the "real world" all people share, and how ultimately God's Word is the standard by which we measure all truth and reality.

English II English II is typically considered a sophomore English course that includes reading selections from world literature. The motif, or theme, of the course revolves around the idea of dreams-the unobtainable and the obtainable. Accordingly, the readings relate to themes of fantasy, dreams, and goal setting. For instance, the Shakespeare selection you will study is *A Midsummer Night's Dream*. This course is built on National Standards-the guiding document for state standards and a state's curriculum. Some topics included in this course are drama and Shakespeare, I-search research, mythology, analysis of fiction and nonfiction as related to the theme of dreams and goal setting, and analysis of literature within the context of a biblical worldview. As a member of this class, you will study various means of communication: oral, visual, electronic, and textual as you hone your language arts skills.

English III Using the theme of the newspaper, this Junior-level course covers American literature written between the Early American period up to the present. The selection of literature ranges from fiction and poetry to speeches, sermons, letters, and journals. Students will see where this literature fits in relation to the events and culture of the time period and how the Word of God is present in all subjects and is the foundation of all literature.

English IV Doors and Choices is the motif for English IV allowing students to explore the various "doors of knowledge and opportunity" awaiting them as they transition from high school to college and work. Students will study a variety of literature representing a

broad spectrum of genres including poetry, short stories, drama, fiction and nonfiction and complete assignments which allow students to choose from different types of assessments to demonstrate their knowledge.

*All English courses include an honors track that students can choose to complete

Math

Algebra I Travel around the world and discover the applications of algebra by experiencing field trips, web searches, and labs. The course is a foundation mathematics course for all future mathematics courses! This course meets all NCTM (National Council of Teachers of Mathematics) standards. The emphasis in this course is on honoring God in all we do, learning more about Him through mathematics, and student success by way of varied learning styles using applications, hands-on activities, group interactions, discoveries, and, of course, technology.

Algebra II Experience Algebra II as an employee of a fictitious Functional Consulting Company. A combination of business trips with the application of learned concepts will ensure your rise from Junior Associate to Senior Staff Member. Algebra II is an advanced Algebra course, required for college entry, which meets all the NCTM (National Council of Teachers of Mathematics) Standards. The emphasis in this Algebra II course is on student success by way of varied learning styles using applications, hands-on activities, group interactions, discoveries, and, of course, technology. An integration of faith and mathematical study is embedded throughout the course with the purpose of helping students grow stronger in their Christian faith. Students are challenged to see how mathematic principles reflect God's qualities, are useful in developing Biblical character, and form the structure of God's creation.

Geometry Observe the principles of geometry at work in God's world. Investigate and discover why the Tacoma Narrows Bridge collapsed and the Great Pyramids of Giza did not. Throughout this course, students will actively use their study of geometry to discover more about God, their Christian faith, the mathematical designs God has placed in creation, and the legacy of famous Christian mathematicians. This course will also help students develop geometric relationships and deductive strategies that can be used to solve real-world and mathematical problems. The connection between Geometry and Architecture will be established through active participation and observation of the presence of Geometry in architecture, in both the modern and ancient world. Geometry is a required course for college entry, which meets all NCTM (National Council of Teachers of Mathematics) standards.

Pre-Calculus Students, as mathematic analysts, will investigate advanced mathematics concepts and use them to solve problems encountered in operating national parks. Throughout the course, students will be exploring the mathematical design of God's creation and how their lives should reflect His glory. The core components of the course include the study of functions and the development of skills necessary for future

success in calculus. In addition, a detailed examination of trigonometry and elements of analytical geometry are incorporated in the curriculum.

Science

Biology The Biology course is designed as a Travel Agency experience. Students experience biology concepts and ideas through their travels and adventures. There are two purposes for this course:

- 1) To provide exploratory and laboratory experiences with real-life applications in the biological sciences
- 2) To enable students to marvel in God's creation and defend the doctrine of creation through the Bible and scientific evidence

Chemistry Put on your safety goggles and tour this chemistry course by applying concepts to industrial environments. Students will learn about God's wonderful Creation through the Nuclear Power Plant module to study the atom, travel through the Water Treatment Plant to study properties of matter, and move through several other industrial buildings to complete their study of chemistry. The purpose of this course is to study the composition, properties, and changes associated with matter. Laboratory investigations of selected topics in the content, which also include the use of scientific method, measurement, laboratory apparatus, and safety procedures, are an integral part of this course. You will not only learn new things about God's creation, but you will grow in your knowledge of how the Bible relates to chemistry and life. The primary purpose of this course is to use the industrial applications of chemistry to study the composition, properties, and changes associated with matter. This course will include hands-on laboratory investigations.

Physics The regular and honors physics course is presented as a challenging, but fun experience. Using the motif of an amusement park, Physics World students explore physics concepts using laboratory activities, videos, software, and web sites. Get in line. Tickets are going fast! The purpose of this course is to provide opportunities to study the concepts, theories, and laws governing the interaction of matter, energy, and forces, and their applications to the real world through exploratory investigations and activities. The course will also reveal many truths about Jesus Christ, our Creator and Sustainer. God, at creation, established the natural laws studied here. His designs in Nature teach us many truths about our all-powerful God.

Earth and Space Science Exploration is the key to success in this course. As a member of an exploration team, students investigate the atmosphere, freshwater hydrology, ocean floor features, plate tectonics, geologic principles, the rock cycle, geologic time, and space. Students will have the opportunity to do hands on activities in each module and they will interact with the course content in a variety of ways. Four perspectives taken during explorations will provide the backdrop for the development of course concepts, activities, and web adventures: Global, Regional, Local, and Personal. This will be a full year, 1 credit course. Note: The honors

component is built into the course, so every student who successfully completes the course as written will receive honors credit.

Marine Science Set sail on a research expedition to explore the marine environment. Our virtual expedition will leave from Tampa Bay and travel around the Earth investigating the many habitats and organisms of the oceans. As a crew member, you will be conducting research, performing experiments, gathering and analyzing data, and discovering man's interrelationship with the marine environment. The purpose of the course is to provide an overview of the marine environment. The content includes the nature of science, the origins of the oceans, the chemical and physical structure of the marine environment, ecology of the various sea zones, marine communities, and the interrelationship between man and the ocean. We will learn about God's Creation and how to better fulfill his charge to care for and rule over the earth.

Social Sciences

Psychology I and II Psychology I and II are semester courses. Students must take Psychology I before they take Psychology II unless they have done this elsewhere.

These courses are an introduction to the study of human thought, feeling, and behavior. The courses will survey major areas in the field of psychology including biological contributions to behavior, child development, learning, memory, personality, psychological disorders, and social psychology. This will be taught from a Christian World View and resources added to help students understand God's perspective on these topics.

While this is not an Advanced Placement Course if a student takes Psychology I and Psychology II and elects to participate in the honors component of the class, they can choose to sit for the AP Exam in Psychology. Students who indicate an interest in taking the AP Exam in Psychology will receive additional instructions as to how and when to accomplish this goal. They will also be directed to resources to help them study and to take a practice test.

Social Studies

American History In this course, students will investigate the literature and history of the United States from the era of slavery to the present. The course is a survey of American history and literature in which students will investigate each era in American history as defined by scholars in the field and documented in the State Standards. The purpose of the course is threefold. First, the course aims to provide students with the opportunity to gain broad knowledge of the American nation by focusing on political, cultural and economic factors that have influenced the course of events over the past 500 years in North America. Second, the course seeks to offer students the opportunity to acquire investigative skills necessary to evaluate a wide range of circumstances, synthesize effective solutions to problems, and evaluate outcomes. Third, the course

offers the student-believer who covets the mind of Jesus Christ an opportunity to study and analyze the American past as a prophet who seeks the truth, a priest who honors the eternal in everyday life, and a king who refuses submission to the mindset of any god other than He who is identified as “Everlasting Father.” Each era of history will be revealed through simulated court cases. Each case will present a problem, controversy or significant issue in American history. The student will be given the responsibility to investigate the historical era and examine and use evidence of her/his research to build cases from various perspectives. These perspectives include, but are not limited to, the prosecution and defense (secondary sources), the witnesses (primary sources), and judge and jury (instructor and student views). Students will investigate and build arguments on all sides of the cases with the aim of understanding the complexity of the American story in a comprehensive and objective manner.

Economics Learn economic concepts by taking a tour of Econ City—a virtual city in which you will explore how government, businesses, and even your decisions impact the economy. You will learn what it means to make "values- led" economic decisions and how to make smart economic decisions about your future. This course utilizes a Biblical Christian worldview to survey basic theories and concepts related to the production, distribution, and consumption of goods and services.

World History Presented through a "Windows of the World Museum," World History gives students the opportunity to become the "curator" of a museum and visit the past, connect with the present, and look to the future. This course will also look at the world from the viewpoint of a Christian museum curator. Join others in the exploration of ancient and modern civilizations, their impact, and their contributions to today's global society. Become a member of the global community as you open the windows and see the world. The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.

American Government Students will learn about the role of citizens in a democracy, and how they can be active citizens who can influence government. Internet Web sites, discussions, and the use of various multimedia materials will provide students with opportunities to interact with the instructor, fellow classmates, and the community.

Global Studies What does it take to live in a complex and increasingly interdependent global society? It takes knowledge and skills that help you understand the people in this world God has created, their environments and issues. As a cub-reporter for God's News Network, your assignment is to learn about and participate in global decisions that affect us and missionaries throughout the world through problem-based learning from a Biblical worldview.

Foreign Languages

Spanish I This first Spanish course provides an introduction to the Spanish language and to the culture of Hispanic countries, with the primary focus being on Spain. By encouraging sensitivity to, and understanding of, the cultures, life styles, and philosophies of Spanish-speaking peoples, the program of study develops language skills. Communicating authentically and excellently enables us to participate in God's redemptive plan for all cultures. These language skills in listening, speaking, reading, and writing will enable the student to communicate and participate in Spanish communities at home and around the world. You will make connections to other areas of study by examining the way in which the Spanish language and culture has influenced their way of life and their own native culture. These connections, and the comparisons the students make with their own culture and language, will help to prepare the students for their role in a multi-lingual, global society, as well as for fruitful Christian service. With a primary goal of communication, this course will provide ways for the students to exchange ideas on a variety of topics by speaking and writing in Spanish. They will be able to provide and obtain information about themselves, their schools, homes, churches, family, and friends. Through the use of language tool software, the virtual student will listen to the conversations of fellow students and the online instructor and will be able to respond in like manner. This Spanish I course is the first step in using a basic Spanish vocabulary. Acquiring the language skills and understanding of Hispanic way of life will be the beginning of a life-enriching experience.

Spanish II This Spanish II course provides a more in depth look at the Spanish language and to the culture of Hispanic countries. By encouraging sensitivity to, and understanding of, the cultures, life styles, and philosophies and worldviews of Spanish-speaking peoples, the program of study develops language skills. These language skills in listening, speaking, reading, and writing will enable the student to communicate and participate in Spanish communities at home and around the world. You will make connections to other areas of study by examining the way in which the Spanish language and culture has influenced their way of life and their own native culture. These connections, and the comparisons the students make with their own culture and language, will help to prepare the students for their role in a multi-lingual, global society. With a primary goal of communication, this course will provide ways for the students to exchange ideas on a variety of topics by speaking and writing in Spanish. They will be able to provide and obtain information about themselves, their schools, homes, family, friends, and faith. Through the use of language tool software, the virtual student will listen to the conversations of fellow students and the on-line instructor and will be able to respond in like manner. This Spanish II course is the second step in using a basic Spanish vocabulary. Acquiring the language skills and understanding of Hispanic way of life will be the beginning of a life-enriching experience.

Spanish III This third year of Spanish is a continuation of the first two years. The student will continue to sharpen listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (Feelings, Transportation, Work, Countries and the Future), students learn to express themselves using an ever increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives.

Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Spanish speaking world and their culture, people, geographical locations and histories. The course is aligned to the national Foreign Language standards.

Course Objectives Throughout this semester, the student will:

- talk about how they get to different places and explore various modes of transportation available in the Spanish speaking world.
- talk about other countries and nationalities.
- learn Spanish history and history having to do with the Spanish speaking world.
- talk about jobs and professions one can have.
- learn to talk about the future using the future tense.
- talk about how people feel using a wide variety of adjectives and expressions.
- express the conditional, talking about what would happen

Latin I Building the Via Latina: You are about to build a Roman road, the Via Latina. This road will be the foundation for your study of Latin and the culture of ancient Rome. Famous Romans from the past have agreed to be your supervisors. They will invite you to dinner, regale you with stories from mythology, introduce you to other Romans, show you around their homes, entertain you at the chariot races or the gladiatorial fights, and give you a look at what it meant to be a Roman: politically, socially, and economically. They will also be interested in hearing about your life as a Believer and how your worldview influences how you see Roman life and culture. Your task is to learn Latin, the language of the Romans. So let's start the building process and find out how different, and yet how similar, our worlds really are.

Latin II Welcome, movie star! You will continue your journey to the time of the ancient Romans, but this time you will be the star in our movie, An Epic of Great Proportion. With your director, your script will include visits with some of the men who made Rome great. From them, you will learn about the Roman government and how Rome grew to rule most of the known world. Your epic movie will also take you back to the Trojan War where you will accompany the Greeks on a great adventure. Study your lines and get ready for "lights, camera, action!"

Latin III Welcome to our world of Latin authors. In our library, you will sample some of the brightest minds of the Classical World. Through the literature of these authors you will learn more about the culture and history of the fabulous Romans. You will meet the great Julius Caesar and learn firsthand about his Gallic campaigns. Through the letters of Pliny the Younger, you will get a firsthand account of the eruption of Vesuvius. You will also meet the great orator, Cicero. The poets Martial, Catullus and Ovid will also share their works with you. Our special guest author will be the greatest of the Roman authors, Publius Vergil Naso.

Chinese I This is a beginning level course that will introduce the student to a variety of areas of Mandarin Chinese (Simplified). In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (Introduction to Chinese, Greetings, Calendar, Weather, and Time), students learn to express themselves using an ever increasing vocabulary. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Chinese speaking world and their culture, people, geographical locations and histories. The course is aligned to the national Foreign Language standards. In this course, the learner will learn to do the following, at the beginning level:

- learn to appreciate other cultures.
- familiar with the Chinese phonological system
- familiar with greetings in Chinese
- know Chinese numbers
- express likes and dislikes.
- talk about themselves
- talk about calendar.
- talk about the weather.
- talk about the time
- ask and respond to simple questions on basic topics.
- Write and type words in Chinese and pronounce words appropriately.

Chinese II This course is a continuation of a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (Daily Routine, Animals, Hobbies, The Body and Descriptions), students learn to express themselves using an ever increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Chinese speaking world and their culture, people, geographical locations and histories. The course is aligned to the national Foreign Language standards.

Throughout the course, students will

- talk about what they like to do in their free time
- talk about their daily activities using a wide range of vocabulary and reflexive verbs
- talk about animals and things animals do
- talk about the parts of their body and their function
- describe people

Electives

Health (Life Management Skills) Signposts are everywhere in life, sending us in either positive or negative directions. Join us as we follow the signposts in Life Management Skills, and learn to use a biblical worldview to develop the skills for healthy, effective, and godly living. In this course you will have an opportunity to develop or enhance life management skills important in making godly decisions for healthy and effective living. Through the study of real life issues, the goal is for you to form healthy attitudes and behaviors that promote personal development, health and well being, so you can glorify God with your lives and experience His pleasure when you live according to His Word.

SAT Prep Tired of the old workbook-based SAT Prep courses? Grab your duffel bag or backpack and prepare for a trip through test tips and strategies necessary for the SAT. Join the quest for higher scores with the Florida Virtual School SAT Prep course. This course is designed to strengthen the student's test-taking skills so as to enhance his/her scores on the Scholastic Assessment Test. Students will practice thinking strategies, become thoroughly familiar with the structure of standardized exams, and build verbal competence and mathematics reasoning. Each student can contact an instructor to receive personalized lessons and guidance as he/she pursues higher test score goals.

Thinking and Learning Strategies This course will prepare students to succeed on reading, math and writing assessments. Through reading, writing, and math activities, students will develop their critical thinking skills and test-taking strategies. The objectives of this course go beyond mere test preparation. In addition to becoming familiar with the common test formats, question-types, and rubrics, students will develop the critical thinking skills they will need to succeed in the 21st century. Since we believe God has designed each student with special gifts and talents, the course is set up with motivational quotes from a biblical world view. It is common in today's world for a student to be faced with worldly advice concerning self-esteem. We, however, offer a fresh view of God-esteem, one which will help the student see beyond themselves and look to godly advice from the Bible and other Christians. Students will use a variety of learning methods in this course including scoring rubrics, self-assessments, practice tests, and learning log entries. While most of the course will be based upon independent practice, students will have opportunities to interact with their classmates through synchronous chats and discussion board activities.

Personal Fitness (PE) In this Personal Fitness course, students are required to participate in weekly cardiovascular, flexibility and strength and endurance activities. Spiritual application to the physical exercises will be made, along with relationships to biblical character qualities to be developed. Students who are unable to participate in such physical exercises will be unable to complete the requirements of this course. Students who have an Individualized Educational Plan (IEP) or some other physical limitation that prevents them from participating in physical activity should seek to enroll in an Adaptive Physical Education course.

Computing for College and Career “What can you do for us?” You’re applying for a job, and you really need a good answer to that question. After completing this course, you will have a complete package of marketable skills that will make you a highly attractive job candidate. Can you use business-related computer software? Can you communicate effectively with your boss and coworkers? Can you look and sound like a valuable asset to your employer? Do you know what you are really good at? Being able to answer “yes!” to these and many other questions is the essential foundation for your career. The purpose of this course is to guide you in building your career foundation. You will learn how to turn your computer into an effective tool for communication. You will learn how to create positive working relationships. And you will acquire the kinds of essential business skills needed for any successful career. Productive employees need both technology and people skills. Find both here in Computing for College and Career.

Digital Photography In the digital photography and graphic design lessons, students begin by learning general photographic concepts. Then composition skills are added to photographs and image-editing techniques are practiced. Students learn how to use layers, crop images, color and lighting concepts, hue and saturation, and exposures and special effects. Graphic design, artistic elements, and software skills are taught while producing graphic images. The concept of design as a manner of visual communication is carried throughout. Students build a portfolio of work and explore the fields of photography, graphic arts, advertising and illustration. Students will explore ways to use their digital talent to the service of God.

Flash Animation This course is for anyone who wants to create animations and interactive movies like the ones used on the coolest Web sites. Participants learn how to use Flash 8 – the world’s most popular animation software – to create engaging, interactive movies for the Web. Beginning with classic animation techniques, participants learn how to move objects around the screen and change their appearance. From there, it’s on to creating movies complete with original artwork. By the end of the course, participants have learned how to build interactivity into their movies and publish them to the Web. This course is a great introduction to the world of Web animation, which will enable students to deliver biblical messages with the power they deserve.

Advanced Placement (AP)

AP Art History

This course will provide students with college level instruction in the history of art. Students will examine major forms of artistic expression from the past and present and from a variety of cultures. Students will learn to look at these works of art critically, with intelligence and sensitivity, and to articulate what they see or experience in light of a Christian worldview. Students will be able to identify the presence or absence of Biblical truth reflected in art and architecture through the centuries.

AP Biology

You will use The Biology Place, Virtual Labs, and Biology: Concepts and Connections to complete the AP Biology course. Throughout this course you will be expected to explore many on-line sites, answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details. Remember this course requires a great deal of self-discipline and motivation. The ultimate goal of this course is to prepare you to successfully take the AP Biology examination offered in May.

AP Calculus

An interactive text, graphing software, and math symbol software combine with exciting on-line course delivery to make Calculus an adventure. Students will explore the meaning and practical applications of the derivative and the integral. Along the way, they will be challenged to deepen their Faith by reflecting on what it means to love God with all your heart, soul, mind, and strength. This course is designed to prepare the student for the AP Calculus AB exam, given each year in May. An Advanced Placement (AP) course in calculus consists of a full high school year of work that is comparable to a semester college calculus course. It is expected that students who take an AP course in calculus will seek college credit, college placement, or both, from institutions of higher learning.

AP Chemistry

Advanced Placement Chemistry is equivalent to a full-year introductory college course in general Chemistry. Student will learn fundamental analytical skills to logically assess chemical problems proficiently, based on a Christian worldview. Through fascinating and elaborative lessons, students will develop the skills necessary to arrive at conclusions based on informed judgment and present evidence in clear and persuasive essays.

AP Computer Science A

Students will play the role of a "survivor" while they work their way through the course material. AP Computer Science A is a college-level computer course covering the applications of computing within the context of programming methodology, algorithms, and data structures. This is a one-year course and students will be able to take the College Board Computer Science A examination in May. The computer language that will be used is Java which is a free download for either a Macintosh or a Windows platform.

AP English Language and Composition

An AP course in English Language and Composition actively engages students in reading literature from differing historical periods, multiple genres, controversial views, and rhetorical contexts. Students need to become writers who use their language effectively to communicate. Because this course is offered in a Christian worldview

framework, the student is also challenged to read and write from the standpoint of integrating their Faith, beliefs, and values in support of or in contrast to the authors' views. Students are expected to draw upon previously learned generic conventions as well as explore differentiating techniques to improve their reading and writing skills.

AP English Literature

The purpose of this course is to actively engage students in reading literature from differing historical periods, multiple genres, controversial views, and rhetorical contexts. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of language resources and the writer's craft. Because this course is offered in a Christian worldview framework the student is also challenged to read and write from the standpoint of integrating their faith, beliefs, and values in support of or in contrast to the authors' views. They will develop critical standards for the appreciation of many literary works and increase their sensitivity to literature as a shared experience. Students need to become writers who use their language effectively to communicate. Students are expected to draw upon previously learned generic conventions as well as explore differentiating techniques to improve their reading and writing skills.

AP Macroeconomics

You have been called upon to assist the leader of the Macro Islands who is running for reelection next year. The economy is in shambles, and you need to come up with some feasible solutions. This will not only help the people of the Macro Islands but will also ensure a victory for your employer. You were hired over the Internet and received a first class ticket to the Macro Islands where you can learn first-hand about the situation. You arrive at Pineapple Airport in the middle of the day and are met by a man with a briefcase who is holding a sign with your name on it. You approach the man and introduce yourself. "I'm Mr. Scarcity," he says. "I'll be your guide as you learn about the economic situation of the islands. You need to learn everything you can about both macroeconomics and our Macro Islands for your presentation to our island leader in May." (Your AP Exam.)

AP Microeconomics

Prepare to earn college credits while learning all the essential concepts required by the College Board as YOU travel to Macro Islands to assist the leader in winning reelection. While you go there for a job, you will soon realize that you love the islands and want to make your home there. Because you are adept at giving economic advice to the leader, you will be appointed as the new President of the Sunny Sea Shell Company. As a practicing Christian you will also be expected to give advice that affirms the truth of the Bible as it applies to the field of economics. As part of your role in assuming the leadership duties of the company, you will need to brush up on microeconomics as well as the biblical principles that are foundational to its study. The Board of Directors has appointed Ms. Equilibrium to act as your personal assistant and advisor as you

transition into your new role. You will be learning all you can about microeconomics and will be required to exhibit your knowledge in May at the annual Board of Director's meeting (the AP Exam).

During your stay, Ms. Equilibrium will ask you to complete assignments showing that you understand the information and that you are the right person for the job. In addition, you will often be asked to demonstrate your ability to apply biblical principles to the field of microeconomics. These assignments will take the form of: discussion postings, oral quizzes, self check assignments, instructor graded assignments, and exams. You will find these lessons and assignments in the course's 6 modules.

AP US Government

"Lights, Camera, Action!" Prepare to study the intricacies of the American Political Culture. The script is written and the actors participate daily in the drama of American politics. You will be "on location" to delve into primary source documents. You will go behind the scenes with stars such as the President, Congress, and Supreme Court Justices. You will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. You will witness the large- scale production of policy building in the areas of economic/social policy, foreign policy and public administration. Throughout, you will engage a biblically-informed Christian worldview as you evaluate new information. You will learn about the nature of U.S. Government and Politics including the basics of political participation. Internet websites, discussions, and the use of various multimedia materials will provide students with opportunities to interact with the instructor, fellow classmates, and the community. Topics that will be studied include:

- the basis of democracy
- the role of politics in U.S. Government
- the three branches of government
- civil rights and civil liberties
- policymaking

AP US History

Advanced Placement United States History is a college level course. It is meant to introduce students to the major points throughout American history from the Colonial period to the present. Students are required to show competency in critically evaluating primary and secondary sources. Students will be taught how to best succeed in the AP exam held in May while gaining a thorough understanding of American history. Believer-students who covet the mind of Jesus Christ will be offered an opportunity to study and analyze the American past as a prophet who seeks the truth, a priest who honors the eternal in everyday life, and as a king who refuses submission to the mindset of any god other than HE who is identified as "Everlasting Father."

AP World History

AP World History covers the history of the world from 600 C.E. to the present with an introduction unit on the period before (covering around 8000 B.C.E. to 600 C.E.). The course emphasizes “patterns of change” and the connections between the various world cultures throughout the time period being studied. Students will gain an understanding of the global experiences of humanity and be able to apply that knowledge to their growth and development as “citizens of eternity”.

The class has two major goals: (1) to prepare students to be successful on the AP World History exam and (2) to provide students with an understanding on why the world developed the way it did.