

## High School Courses

### 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' (1 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 left 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). *[Available to Juniors and Seniors only.]*

**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. *[Available to Juniors and Seniors only.]*

### 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. *[Credit Recovery Only for CCHS students.]*

**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. *[Credit Recovery Only for CCHS students.]*

**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. *[Credit Recovery Only for CCHS students.]*

**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. *[Credit Recovery Only for CCHS students.]*

\*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.

**Consumer Math** This comprehensive review and study of arithmetic skills applies to both personal and vocational business opportunities. Topics include whole numbers, fractions, percentages, basic statistics, and graphs. Practical applications in finance, taxes, budgeting, banking and home ownership are provided.

**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

**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.

\*A Pre-Test may be required if the students' Spanish I grade was below a "C."

**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

\*A Pre-Test may be required if the students' Spanish II grade was below a "C."

**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, and 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 Vergilius 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

**French 1** The goal of this course is to continue to give students basic listening, speaking, reading, and writing skills through activities based on pedagogically proven methods of foreign language instruction. Throughout the five units of material --students learn to talk about themselves and other, describe their surroundings and use numbers for dates and time. Many irregular verbs are introduced in the present tense. Simple grammatical structures are practiced in innovative and interesting ways with a variety of learning styles in mind. Some complexity to grammar is begun to be introduced in this course. Culture is presented throughout the course to help students understand the context of the language and to better understand the perspectives of the French-speaking world.

The course is aligned to the national Foreign Language standards and provides a way to focus on the five important aspects of foreign language instruction: communication, culture, connections, comparisons and community. These are the "Five C's of the Foreign Language Education" as outlined in *Standards for Foreign Language Learning: Preparing for the 21st Century*.

**French 2** Throughout the course, students will talk about their daily activities using a wide range of vocabulary and reflexive verbs, use two verbs together, talk about what they like to do in their free time, review use direct and indirect object pronouns, learn to talk about activities in the past, learn to talk about preparing for a trip and taking a trip, learn to talk about their homes and things they do in the different areas of their homes, learn to talk about buying things in French, learn additional vocabulary that will help them converse in the French speaking world, and learn a variety of grammatical structures that will help them transfer knowledge to other areas they desire to talk about in French

**French 3** Throughout the five units of material (Health, Home, Measurements, Professions and My History), students learn to express themselves using an ever increasing vocabulary, verbs in various tenses, articles, and adjectives. Students in this course review all verb tenses including: present tense, past tense, future tense, conditional tense, the passive voice, imperative verbs and more. Students learn to use two object pronouns and review grammar that is in the first two and a half years of French language study. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind.

**German 1** First year German students start out by learning introductions, greetings, and the days of the week, words and phrases to find out information, vowel pronunciation, and how to use articles, plurals, and noun/adjective agreement with gender. From there, they begin to incorporate their new vocabulary in various sentence patterns and build comprehension skills, increase their fluency, practice counting and simple math, learn to form plurals with greater accuracy, use finite verbs, form questions, and begin to use the accusative case.

**German 2** 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 (Der Tagesablauf, Die Tiere, Die Freizeit, Der Körper, and Die Beschreibung), students learn to express themselves using vocabulary, verb tenses, cases, and adjectives appropriate to the second level. Grammar is introduced and practiced with a variety of learning styles in mind.

**German 3** 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 (Die Gefühle, Der Verkehr, Bei der Arbeit, Land und Leute, and Die Zukunft), 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.

## Electives

**ESL** This course is engaging and encouraging when it comes to learning oral English as a principal means to communicate with those around you. Going at your own pace, you will be part of interactive media activities and assignments that will elevate your level of speaking and understanding the English language. Using Cambridge Standard English, you will be able to be part of meaningful lessons and assessments that can be completed anywhere and at anytime. You will be also exposed to Canadian and Christian culture as you learn English. There are 5 levels and specific ESL courses for those with Spanish, Chinese, Korean backgrounds. There is also a course for those that grew up speaking other languages. Find out more at: <http://www.sevenstaracademy.org/ESL/>.

**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.

**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.

**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. *[Additional cost applies for purchase of program.]*

**Game Design** If you're into gaming and want to learn more about design, Game Design is for you. As you work with the Multimedia Fusion 2® software program, you'll get a solid foundation in the fundamentals of game design and development. In this online class, you'll create an impressive portfolio of interactive, engaging games, including:

- A classic two-player ping pong game
- A block breaking action game
- A maze game with moving obstacles and collection items
- A shooter game where the player protects Earth from alien space ships
- A two-player cooperative scrolling game with a layered background
- A scrolling platform game with collection objects, ladders, and multiple levels

The course projects will help you build the skills you need to develop, design, and create games of your own. *[Additional cost applies for purchase of program.]*

**ACT Prep** Based on your performance on the Diagnostic test, our system will create a personalized study schedule for you. As you learn, our system continues to adapt and adjust your schedule on your behalf. Every Lesson, Quiz, and Test you need to do is accessible every time you login from this week-by-week schedule. Multimedia flash lessons allow you to learn in the way best suited to your needs and preferences. Watch narrated video lessons or read text-based lessons at your own pace. Want to walk through that math problem again? Just slide the progress bar back and listen to it again! Our program uses full length tests from the Official ACT Guide so you get the most realistic practice possible. In addition, we offer dozens of practice quizzes to reinforce what you've learned. Your personalized schedule will automatically tell you when to do quizzes and on which weeks you should attempt a full length practice test. *[Additional cost applies.]*

**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. *[Additional cost applies.]*

## 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. *[Prerequisites.]*

**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 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. *[Prerequisites.]*

**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. *[Available to Juniors.]*

**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. *[Available to Seniors.]*

**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.

## Middle School Courses

### Bible

**Lightbearers** *Lightbearers* is a Bible curriculum for 7<sup>th</sup>-8<sup>th</sup> grade designed to help students clearly understand the tenets of the Christian worldview, and how they compare to the tenets of the leading humanistic worldviews of our day. Students will learn how to apply their Christian faith to every area of life: theology, philosophy, ethics, biology, sociology, psychology, law, politics, economics, and history. Some of the issues covered include: abortion, apologetics, cults, evolution, feminism, homosexuality, naturalism, moral relativism, pluralism, relationships, and socialism. *Lightbearers* is designed specifically for your middle school classroom, complete with day-to-day lesson plans, projects, resources, quizzes, and helps, providing all the information needed to successfully teach worldviews in your school.

**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 8.

### 8th Grade Classes

**Math 3 (Pre-Algebra)** Math 3 uses the connection between mathematics and music to develop and reinforce mathematical skills and processes. Students build a strong mathematical foundation as they explore the evolution of music in America. The focus of the course is learning with understanding to enable students to solve real-world and mathematical problems. The mode of instruction will vary as students interact with instructional software, practice skills on the web, participate in hands-on activities, and view instructional videos. The mathematical content addresses the National Council of Teachers of Mathematics (NCTM) principals and standards and is organized by Number and Operation, Algebra, Geometry, Measurement, and Data Analysis and Probability.

**Science** The purpose of this course is to provide opportunities to study concepts of the life, Earth/space, and physical sciences, from a Christian perspective, and to make applications to everyday life. Students will gain an understanding of how Jesus Christ is revealed by studying His Creation. The Bible will help the student examine the order of the universe and the physical laws God has established to govern it. In addition, each student will be encouraged to provide for and protect his/her body, which is the "temple of God." Several character qualities will be encouraged and developed as the course progresses. Using the International Space Station as the focal point for all course content, students act as Mission Specialists in Training. Topics such as the history of space exploration, light, remote sensing, plate tectonics, how gravity affects the human body, research being done in space, the periodic table of elements, and a bit of chemistry are but a few of the topics to be covered in this course.

**Language Arts 3** Who am I? How do I fit into the world? How do I make sense of these changing times? This interdisciplinary eighth grade language arts course will answer those questions and many more from a Christian perspective. In this course, students will develop their reading, writing, speaking, listening and viewing skills—with Biblical principles as the standard—as they explore and enjoy a variety of materials (novels, short stories, poetry, biographies, articles, drama, essays and media). In addition, Language Arts 3 focuses on effective communication strategies that students need in order to establish a Biblical worldview in this changing and challenging society. Students will explore the eighth grade theme of The American Quest: Past, Present and Future while developing reading, writing, speaking, listening and viewing skills through a variety of materials (novels, short stories, poetry, biographies, articles, drama, essays and media).

## 7th Grade Classes

**Math 2** The purpose of this course is to show students how to relate math to real life situations through a Christian Worldview.

**Science** Attention all students: Adventures await you on CORAL, Colony of Research and Learning. As a member of an elite group of aquanauts in an underwater research facility, you will live and conduct research in and around the coral reefs of Virtual Key. Your tasks include investigating the problems causing the decline of tourism on Virtual Key and proposing a solution to the problems. Skills developed and concepts learned in life, earth and space, and physical sciences along with Biblical principles and application will be used in completing your tasks. It is the expectation of the government of Virtual Key that you and the other aquanauts will gather data, analyze the data, and propose a workable solution to the identified problems of Virtual Key and the surrounding areas.

**Language Arts 2** In Language Arts 2, students enhance their reading, writing, speaking, listening, and viewing skills through exploration and investigation of fiction, nonfiction, short stories, cultural studies, self discovery, and character education. Through a varied list of learning experiences, students will have the opportunity to explore a wide range of literary, informational, and Biblical texts. Using the theme of "A Time for Discovery," Language Arts 2 students will learn and use the writing process to communicate ideas and respond critically to visual, oral, and written texts. Biblical principles shed new meaning on text, focusing on the impact of Christianity on daily life.

**World Geography** Attention Special Agents! Help decide where to build an international theme park devoted to world evangelism and cultural understanding. Typically a seventh grade course, World Geography uses discovery-based learning activities to help you explore various cultural and natural landscapes of the world in order to develop a multicultural understanding of all of the people groups on the earth. You will be encouraged to use geographic concepts and skills to actively seek information that can be applied to real-life decisions. As a special agent on a simulated journey of discovery, you will apply a Biblical worldview as you collect and critically analyze social, political, and economic facts about how cultures interact with each other and their physical world.

## 6th Grade Classes

**Math 1** This course continues the development of mathematical concepts and processes students can apply to solve real-world mathematical problems. A zoo, a wonderful home to interesting and exotic animals from around the world, provides the focal point for all course content. In this environment, students act as zookeepers who must master the math skills needed to develop and maintain a zoo. This course challenges students to explore concepts such as operations and problem solving with rational numbers, measurement techniques, number theory, geometric properties and relationships, and algebraic thinking. This course also includes the use of mathematical models that give students a visual way to explore quantitative relationships.