



# Sevenstar Course Descriptions For the 2014-15 School Year

This is a complete listing of courses and their relevant descriptions for the upcoming school year and should match our current catalog. However, our courses can sometimes update without warning, so please check our website and catalog for changes and updates.



# COURSE DESCRIPTIONS

## TABLE OF CONTENTS

<b>High School Courses</b> .....	<b>2</b>
Advanced Placement .....	2
Bible .....	5
Apologetics II .....	5
Basic Bible Doctrine I and II .....	6
Have We Lost Our Minds?! Worldview Curriculum for Teenagers.....	6
Life Shaping Decisions- Applying God’s Word to College and Career Planning .....	6
Understanding the Times I and II.....	6
Credit Rescue .....	7
English.....	11
Electives .....	12
Foreign Language.....	15
Mathematics.....	19
Science .....	21
Social Studies .....	22
American Government.....	22
American history .....	23
Economics .....	23
Global Studies .....	23
World History .....	24
Technology .....	24
<b>Middle School Courses</b> .....	<b>25</b>
Bible .....	25
6th Grade Classes .....	25

7th Grade Classes .....	26
8th Grade Classes .....	27
<b>Dual Credit Courses.....</b>	<b>30</b>

## High School Courses

### ADVANCED PLACEMENT

#### AP ART HISTORY – 1 CREDIT

This course is designed to foster in students an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. In addition to visual analysis, this course emphasizes understanding works in context, considering such issues as patronage, gender and the functions and effects of works of art. Prior art training is not a prerequisite nor does the course cater exclusively to future Art History majors. This course was designed to meet the requirements of the Advanced Placement Art History requirements precisely. 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:* Course intended for Juniors and Seniors. Successful completion of World History and high-level reading and writing skills are strongly recommended.

#### AP BIOLOGY – 1 CREDIT

This challenging course is designed to provide a college-level experience and prepare students for the AP exam in early May. Over two semesters, the students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays and mastering Biology concepts and connections. The key themes of the AP Biology course are: the scientific processes, the effects of science on technology and society, the chemistry and make up of living organisms, genetics, Creation, and diversity.

Throughout this course you will be expected to 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. The course will successfully prepare you for the AP Exam in May.

*Prerequisites:* Biology I, Chemistry I, Algebra I

#### AP CALCULUS AB – 1 CREDIT

An interactive text, graphing software and math symbol software combine with the exciting on-line course delivery to make Calculus an adventure. This course is designed to prepare the student for the AP Calculus AB exam given

each year in May. With continuous enrollment, students can start the course and begin working on Calculus as early as spring of the previous year!

An Advanced Placement (AP) course in calculus consists of a full high school year of work that is comparable to calculus courses in colleges and universities. 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.

Most colleges and universities offer a sequence of several courses in calculus, and entering students are placed within this sequence according to the extent of their preparation, as measured by the results of an AP examination or other criteria.

*Prerequisites:* Algebra I, Geometry, Algebra II, Pre-Calculus or Trigonometry/Analytical Geometry

---

### AP COMPUTER SCIENCE A – 1 CREDIT

The AP<sup>®</sup> Computer Science A course is equivalent to the first semester of a college level computer science course. The course involves developing the skills to write programs or part of programs to correctly solve specific problems. AP<sup>®</sup> Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.

*Prerequisites:* Algebra I & II

---

### AP ENGLISH LANGUAGE AND COMPOSITION – 1 CREDIT

The AP Language and Composition course will provide high school students with college level instruction in studying and writing various kinds of analytic or persuasive essays on literary and nonliterary topics in language, rhetoric and expository writing. Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both their reading and writing should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way writing conventions and language contribute to effectiveness in writing. This course will effectively prepare students for the AP Exam by enabling them to read, comprehend, and write about complex texts, while developing further communication skills on a college level.

*Prerequisites:* Teacher recommendation, English I, II (honors), with a B+ average. Student will be exposed to a college-level course

---

### AP ENGLISH LITERATURE – 1 CREDIT

For a year, participate in an AP upscale dining experience in the AP Literature and Composition course. Students act as food critics of exquisite literary cuisine. Menu items include reading, analyzing, writing, rewriting, and discussing creations by the master chefs, renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this dining experience equips students with recipes for success in college, in a career and the AP exam.

*Prerequisites:* Recommendation, English I, II, III with a B+ average. Student will be exposed to college-level composition and literature.

---

### AP MACROECONOMICS – ½ CREDIT

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.)

*Prerequisites:* None. Students will be exposed to a college-level learning experience.

---

### AP MICROECONOMICS – ½ CREDIT

You traveled to the Macro Islands to assist the leader in winning re-election. You came for a job, but you realized as you were working that you loved the islands and wanted to make your home there. Because you are adept at giving economic advice to the leader, you have been appointed as the new President of the Sunny Seas Shell Company.

As part of your role in assuming the leadership duties of the company, you will need to brush up on microeconomics. 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 Directors' meeting (the AP Exam).

*Prerequisites:* None. Students will be exposed to a college-level learning experience.

---

### AP US GOVERNMENT – ½ CREDIT

"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 people, 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. Finally, you will witness the large- scale production of policy building in the areas of economic/social policy, foreign policy and public administration.

*Prerequisites:* Successful completion of American History is strongly recommended.

---

### AP WORLD HISTORY – 1 CREDIT

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.

*Prerequisites:* None

## 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.

*Prerequisites:* None

*Note:* We offer a full year course called **Apologetics (I and II)** that combines Apologetics I and Apologetics II.

### Apologetics I – ½ CREDIT

---

This course 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 – ½ CREDIT

---

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 – ½ CREDIT APIECE

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.

*Prerequisites:* None

*Note:* We offer a full year course called **Basic Bible Doctrine (I and II)** that combines Basic Bible Doctrine I and Basic Bible Doctrine II.

---

### Have We Lost Our Minds?! Worldview Curriculum for Teenagers – ½ CREDIT

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).

*Prerequisites:* None

---

### Life Shaping Decisions- Applying God's Word to College and Career Planning – ½ CREDIT

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.

*Prerequisites:* None

---

### Understanding the Times I and II – ½ CREDIT APIECE

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.

*Prerequisites:* None

*Note:* We offer a full year course called **Understanding the Times (I and II)** that combines Understanding the Times I and Understanding the Times II.

## CREDIT RESCUE

### ALGEBRA 1 (CR) – 10 WEEKS

Algebra I is the foundation! The skills you'll acquire in this course contain the basic knowledge you'll need for all your high school math courses. Relax! This stuff is important, but everyone can do it. Everyone can have a good time solving the hundreds of real-world problems that are answered with algebra.

Each module in this course is presented in a step-by-step way right on your computer screen. You won't have to stare at the board from the back of a classroom. There are even hands-on labs to make the numbers, graphs and equations more real. It's all tied to real-world applications like sports, travel, business and health.

This course is designed to give you the skills and strategies for solving all kinds of mathematical problems. It will also give you the confidence that you can handle everything that high school math has in store for you.

### ALGEBRA 2 (CR) – 10 WEEKS

Prepare yourself to explore the exciting world of Algebra Two! This course will allow you to learn while having fun. Interactive examples help guide your journey through customized feedback and praise. Concepts are applied to everyday occurrences such as earthquakes, stadium seating, and purchasing movie tickets. Through the use of technology, you will investigate the effects of an equation on its graph.

Travel through systems of equations, factoring, radical and quadratic equations in the first segment. In the second segment, you will venture into the realms of polynomial functions, rational equations, exponential and logarithmic relations, landing at sequences and series. Your instructor will be your guide along this journey and will provide you with timely advice.

### AMERICAN GOV (CR) – 10 WEEKS

Responsible citizenship means more than just paying taxes. It means understanding the principles and practices of government. It also means defining your beliefs as to what good government is. In this course, you will gain a greater understanding on the history of the country's beginnings, and knowledge of how government functions at the local, state and national levels.

The purpose of this course is to help you become an informed and active citizen. In part, the Declaration of Independence asserts that, "Governments are instituted among Men, deriving their just Powers from the Consent of the Governed." Make yours an informed consent.

### AMERICAN HISTORY (CR) – 10 WEEKS

American history is full of big questions that grab our attention. In this course, you will look at some of the most profound questions that thoughtful Americans still debate. You will research many important events throughout

the history of America. In the process, you will witness the development of America from its first settlers to today's superpower status.

Questions about slavery, regulation of business, religious freedom, and how to maintain a stable world order have always been part of the American experiment. Most of the time, the answers are not so simple, but we want to know what you think. To develop your personal beliefs, you will use verified sources, including original documents and the writings of people contemporary with the events.

---

### BIOLOGY (CR) – 10 WEEKS

This Biology course is designed to give the student a fundamental look at the characteristics of living organisms and their environment. Students will be introduced to the creation, structure, function, and diversity of living matter.

The course provides scientific inquiry and discovery by incorporating hands on labs and a variety of web based activities that engage the student in their study of the biological life that surrounds us all.

---

### CHEMISTRY (CR) – 10 WEEKS

This course is designed as an interactive, 21st century course focusing on Chemistry. Topics include the composition, properties, and changes associated with matter and their applications.

This course is designed to serve as a foundation for the study of Chemistry. The utilization of scientific inquiry, web tools, interactive experiences, higher order thinking, collaborative projects, real world application through labs and a variety of assessments all aid the student in ultimately demonstrating a vast understanding of the importance of Chemistry in the world around them; enabling them to apply these properties to their everyday lives.

---

### ECONOMICS (CR) – 10 WEEKS

Whether you are buying a car or renting a movie, your financial transactions affect you and the world around you. How all this buying and selling creates an economy will become clear when you enter the virtual world of Econ City.

In Econ City, you will learn how government, business and the individual consumer influence our economic system. In the shopping mall, you will see how your buying decisions influence the kind of products stores decide to sell. At corporate headquarters, you will examine how businesses compete for your dollar. At the bank, you will find out how wealth is measured. And when you consult with your financial advisor, you will discover how much you are worth, and how to spend what you have wisely.

The purpose of this course is to help you become a more informed consumer, producer, investor and taxpayer. Your choices will directly affect your future, regardless of the city in which you live.

---

### ENGLISH 1 (CR) – 10 WEEKS

What can you see? Somebody (your teacher) really wants to know. This is one course in which what you see and what you say really matters.

No two people experience books, plays, or community events in exactly the same way, and no two people describe their experiences with the same words. How clearly can you see what is happening before you? How compellingly can you describe what you saw to others? In this course, you will find out.

Short stories, poems and plays convey messages and feelings that make them great. In this course, you will learn how to look for the message. You will learn how to trust your feelings about that message. And you will learn how to express clearly and convincingly what you think. The purpose of this course is to give you the tools to see and hear with real understanding and to communicate with real conviction.

---

### ENGLISH 2 (CR) – 10 WEEKS

Join us in English II to see how the human experience – real life, your life – is the foundation of the best stories, plays, poems, films, and articles. We explore specific aspects of the human experience such as laughter, obstacles, betrayal, fear, and transformation. Through the study of literature, nonfiction, and life, we will explore what it means to be human, what it means to be fulfilled, triumphant, empowered, and transformed.

In this English II course you have countless choices when it comes to demonstrating what you have learned.

---

### ENGLISH 3 (CR) – 10 WEEKS

“Extra, extra, read all about it!” It’s all right here in black and white, in the pages of The Virtual Times newspaper. Published at key periods in our American history, The Virtual Times takes us right into the action. The writing is clear and concise. The stories and opinions give us perspective. The sports and entertainment sections give us the color and flavor of the times.

In English III, the writing and insights of authors throughout our history are collected in the fast-paced pages of The Virtual Times. You’ll gain an appreciation of American literature and the ways it reflects the times in which it was written. You’ll discover how people thought and lived and wrote about their experiences.

You’ll also be asked to observe, investigate and report on stories of today. The goal is to be thorough, accurate and compelling in your writing. Perhaps in times to come, people will want to read what you thought and wrote.

---

### ENGLISH 4 (CR) – 10 WEEKS

Choose any door, and the person inside will let you in. Dozens of authors will invite you in to experience their works of fiction, nonfiction, drama and poetry. After that, it’s up to you. What you think about their ideas and the ways in which they present them is what will matter.

In this course you will be asked to choose the literature that interests you, analyze the subject matter as it is presented, and persuasively express your own ideas. Every genre of literature has its own conventions for expressing emotions, perceptions, information and biases. You will develop the tools to critically analyze what is being said, and share your insights with others.

As high school seniors, what you choose and what you say becomes very important. The purpose of this course is to provide you with doors to open, ideas to experience, and opportunities to effectively express what you think.

---

### GEOMETRY (CR) – 10 WEEKS

One day in 2580 B.C., a very serious architect stood on a dusty desert with a set of plans. His plans called for creating a structure 480 feet, with a square base and triangular sides, using stone blocks weighing two tons each. The Pharaoh wanted the job done right. The better our architect understood geometry, the better were his chances for staying alive.

Geometry is everywhere, not just in pyramids. Engineers use geometry to bank highways and build bridges. Artists use geometry to create perspective in their paintings, and mapmakers help travelers find things using the points located on a geometric grid. Throughout this course, we'll take you on a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving.

This course is all about points, lines and planes. Just as importantly, this course is about acquiring a basic tool for understanding and manipulating the real world around you.

---

### MATH 1 (CR) – 10 WEEKS

Math 1 is designed to engage students at every turn. Students have opportunities to demonstrate their knowledge of number manipulation by applying it to real world scenarios. The course is packed with games that reinforce and let students practice the skills they learn throughout the course. Tidbits of trivia and activities throughout the course leave students with a smile.

---

### MATH 2 (CR) – 10 WEEKS

Math 2 is designed to expand student knowledge about transformations of shapes by sliding, flipping, rotating, and enlarging them on the coordinate plane. This course gives students the opportunity to create, investigate, and demonstrate knowledge at both intermediate and advanced levels. Students will be amazed with the skills that they accumulate in completing this course. This course is so full of animations, applications, videos, games, and real-world scenarios, students may think it is the latest video game.

---

### MATH 3 / PRE-ALGEBRA (CR) – 10 WEEKS

Students who love playing interactive games will love this course. Students experience intrigue and fun when they log in to Math 3. This hands-on course is full of animations, applications, videos, games, and real-world scenarios. The satisfaction students gain from truly understanding higher level concepts such as systems of equations and central tendencies encourages excitement and joy for learning they may have never experienced before .

---

### WORLD HISTORY (CR) – 10 WEEKS

Whether they lived 3,000 years ago or 100 years ago, people are always making history. It does not matter if they lived in medieval Europe or ancient Egypt, the people who came before us are responsible for nearly all that we have today.

World History gives students the opportunity to visit the past, connect with the present, and look to the future. Join others in the exploration of ancient and modern civilizations, their impact, and their contributions to today's global society. 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.

## ENGLISH

---

### ENGLISH 1 – 1 CREDIT

This is one course in which what students see and what students say really matters. No two people experience books, plays, or community events in exactly the same way, and no two people describe their experiences with the same words. How clearly can students see what is happening before them? How compellingly can they describe what they saw to others? In this course, students find out.

Great books, short stories, poems, and plays convey messages and feelings that make them great. In this course, students learn how to look for the message. They learn how to trust their feelings about that message and how to express clearly and convincingly what they think. The purpose of this course is to give students the tools to see and hear with real understanding and to communicate with real conviction.

*Prerequisites:* None

---

### ENGLISH 2 – 1 CREDIT

In English II, students learn how the human experience—real life—is the foundation of the best stories, plays, poems, films, and articles. In each unit of the course, students explore a specific aspect of the human experience such as laughter, obstacles, betrayal, fear, and transformation. Through the study of literature, nonfiction, and life, students explore what it means to be human, what it means to be fulfilled, triumphant, empowered, and transformed.

As in life, students have many choices in the English II course. They choose the order in which they complete the units. Students also choose some of the works they read and have countless choices when it comes to demonstrating what they have learned. Whether reading a poem or a novel, writing a story or an analysis, or studying a Shakespearean tragedy or a modern suspense film, students explore what it means to be human, a subject on which they are already experts!

*Prerequisites:* English 1

---

### ENGLISH 3 – 1 CREDIT

“Extra, extra, read all about it!” It’s all right here in black and white, in the pages of *The Virtual Times* newspaper. Published at key periods in American history, *The Virtual Times* takes us right into the action. The writing is clear and concise. The stories and opinions give us perspective. The sports and entertainment sections give us the color and flavor of the times.

In English III, the writing and insights of authors throughout our history are collected in the fast-paced pages of *The Virtual Times*. Students gain an appreciation of American literature and the ways it reflects the times in which it was written. They discover how people thought and lived and wrote about their experiences. Students are also asked to observe, investigate, and report on stories of today. The goal is for students to be thorough, accurate, and compelling in their writing.

*Prerequisites:* English 1 & 2

---

## ENGLISH 4 – 1 CREDIT

Students explore the world of big ideas in English IV, where they choose which path they will travel first while exploring highly engaging thematic units. Each path guides students through a series of literary pieces, allowing students to analyze the political, social, economic, and cultural messages of the time as well as the relevance of the literary works to the world students live in today.

Each path revolves around a central theme. The works in the course span a period of over 1000 years and have been written by authors who share common ideas but use a variety of literary genres to express their views. Whether it is the dramatic ending of a play or the colorful images in a verse of poetry, the words of these authors give students a new understanding of the world around them.

As students travel down each path, they create authentic pieces that engage them in higher-level learning and provide them with a greater understanding of literature and its connection to the world.

*Prerequisites:* English 1, 2, and 3

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

## ELECTIVES

---

### ACT PREP – ½ CREDIT

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.

*Prerequisites:* None

---

### CRITICAL THINKING AND STUDY SKILLS – ½ CREDIT

Grab your duffel bag or backpack and prepare for a trip through test tips and strategies necessary to learn and achieve for the glory of God. This course is designed to strengthen the student's test-taking skills so as to enhance his/her performance in all content areas. Students will practice problem solving, critical thinking strategies, the structure of standardized exams, and verbal competence and mathematics reasoning. As the trip progresses, students acquire new and essential learning strategies.

*Prerequisites:* Algebra 1

---

### 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 4 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/>.

*Prerequisites:* None

---

### FORENSIC SCIENCE I: SECRETS OF THE DEAD – ½ CREDIT

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

*Prerequisites:* None

---

### FORENSIC SCIENCE II: MORE SECRETS OF THE DEAD – ½ CREDIT

Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined.

*Prerequisites:* None

---

### HEALTH (LIFE MANAGEMENT SKILLS) – ½ CREDIT

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.

*Prerequisites:* None

---

### MUSIC APPRECIATION

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and

historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

*Prerequisites: None*

---

### PERSONAL FITNESS (PE) – ½ CREDIT

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.

*Prerequisites: None*

---

### PSYCHOLOGY – ½ CREDIT

The human brain is fascinating. Where do thoughts and memories come from? What are emotions? And why do we behave the way we do? Above all, how do these factors influence our relationships with others? In Psychology I, you will begin to understand the human mind by exploring the research and theories of some of the most brilliant psychologists throughout history.

Learn how psychology influences personality and development throughout the entire human lifespan, even from birth. Explore different psychological disorders and how they are treated according to the Diagnostic and Statistical Manual of Mental Disorder. And learn psychological tips that you can use every day, like how to cope and reduce stress. So, are you ready to unlock the mysteries of the human brain?

*Prerequisites: None*

---

### SOCIAL PROBLEMS 1 – ½ CREDIT

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally, but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

*Prerequisites: None*

---

### SOCIAL PROBLEMS 2 – ½ CREDIT

The Social Problems II course continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community,

and urban sprawl, and discusses possible solutions at both individual and structural levels. For each issue, students examine the connections in the global arena involving societies, governments and the individual.

*Prerequisites:* None

---

### THINKING AND LEARNING STRATEGIES – ½ CREDIT

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.

*Prerequisites:* Recommended for 6th, 7th, or 8th grade

## FOREIGN LANGUAGE

---

### CHINESE 1 – 1 CREDIT

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 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.

*Prerequisites:* None

---

### CHINESE 2 – 1 CREDIT

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 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.

*Prerequisites:* Chinese 1

---

### FRENCH 1 – 1 CREDIT

The goal of this course is to continue to give students basic listening, speaking, reading, and writing skills through activities based on 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*.

*Prerequisites:* None

---

### FRENCH 2 – 1 CREDIT

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

*Prerequisites:* French 1

---

### FRENCH 3 – 1 CREDIT

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.

*Prerequisites:* French 2

---

### GERMAN 1 – 1 CREDIT

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.

*Prerequisites:* None

---

### GERMAN 2 – 1 CREDIT

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 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.

*Prerequisites:* German 1

---

### GERMAN 3 – 1 CREDIT

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 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.

*Prerequisites:* German 2

---

### LATIN 1 – 1 CREDIT

There is a reason “all roads lead to Rome.” Maybe it is because Romans built much of the ancient world’s highway system. Maybe it is also because the Roman culture and Latin language laid the foundation for much of Western culture. In this course, students find out for themselves as they take their first steps on a lifelong journey of discovery.

Students improve their command of the English language by studying Latin. Students also gain a better understanding of today’s laws and culture by getting into the Roman mind. Latin I is the most comprehensive way to begin.

The purpose of this course is to give students a foundation in Latin grammar and vocabulary. This course also acquaints students with Olympic gods and with the everyday life of the typical Roman. The course sets the students’ feet on a journey as big as their imagination, with a passport to some of the world’s most exciting places.

*Prerequisites:* None

---

### LATIN 2 – 1 CREDIT

History-changing battles, great poets and statesmen, classic art and architecture, and a language that was heard throughout most of the known world. In Latin I, students read the opening credits of this epic movie. In Latin II, the plots and the characters that populated ancient Rome come alive.

In this course, students build on their knowledge of Latin grammar and vocabulary. In the process, they sense the beauty of the language and the passion of those who spoke it. A clear, expressive, and flexible language—a language in which students can communicate—supports Roman engineering, art, commerce, and system of laws.

This course gives students a solid grounding in the structure of the language. It also gives them a clear lens for looking into the heart and majesty of the Roman spirit.

*Prerequisites:* Latin 1

---

### LATIN 3 – 1 CREDIT

In Latin III, students take their knowledge and appreciation of Latin to the next level. Students read some of the best Latin prose and poetry ever written or spoken. Caesar tells how he conquered the three parts of Gaul. Cicero reminds Romans of the virtues that made their country great. Catullus shows how he could express the deepest human emotions in just a few, well-chosen words.

In Latin III, students visit the library of great authors. The library card gives them access to the timeless words of the greatest Roman poets, storytellers, and orators. Students' skills with the Latin language give them direct access to the beauty and power of these great authors' thoughts.

The purpose of this course is to strengthen students' Latin vocabulary as well as their appreciation for well-crafted writing. Students go directly to the source and recognize why Latin and those who spoke it are still relevant today.

Students who complete Latin III earn Honors credit.

*Prerequisites:* Latin 2

---

### SPANISH 1 – 1 CREDIT

¡Bienvenidos! Welcome! Students are taking a virtual trip to Spain, Cuba, Colombia, and Argentina. As students explore each country, a student blogger is there to help them learn about the place and its unique characteristics. As students travel to each country, they learn how to speak Spanish in many practical and useful ways. Students learn how to greet people, introduce themselves, and speak about their home, family, school, and community. As students learn basic vocabulary and grammar skills, they expand on their knowledge and learn to speak about more complex topics such as shopping, weather, sports, entertainment, and leisure activities.

The course introduces new words and phrases with pictures, audio clips, and examples. Students learn basic Spanish grammar to help them build fluency and understand the structure of the Spanish language. There are many opportunities to practice through interactive activities in the form of games, written practice, and listening and speaking exercises.

Students also explore the cultures of Spain, Cuba, Colombia, and Argentina by learning about geography, foods, celebrations, and traditions from each place. Student bloggers guide students through these countries and help them appreciate and learn about their diversity.

*Prerequisites:* None

---

### SPANISH 2 – 1 CREDIT

In Spanish II, students travel virtually through Central America and the Caribbean, spending time in museums, traffic jams, and even the hospital. In this course, students broaden their Spanish vocabulary and their knowledge of grammar. They meet people from many different countries and cultures. While waiting for the plane ride home, students also meet some Spanish-speaking people from different parts of the United States.

The purpose of this course is to strengthen Spanish listening, speaking, reading, and writing skills. Students also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

*Prerequisites:* Spanish 1. Due to the rigorous curriculum of Spanish 2, students must have completed the previous Spanish course with a grade of at least a “straight C or above”.

---

### SPANISH 3 – 1 CREDIT

Spanish III has been carefully designed to meet the standards of the American Council on the Teaching of Foreign Languages (ACTFL). These standards call for a method of teaching that focuses on successful communication through speaking, writing, reading, and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all of these standards in accordance with the theories described in this document. Unit activities blend different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes, and exams. Learning activities in each unit are focused upon a specific theme.

*Prerequisites:* Spanish 2. Due to the rigorous curriculum of Spanish 3, students must have completed the previous Spanish course with a grade of at least a “straight C or above”. A Spanish Pretest is also available for a charge if needed to access the level of preparedness of the student.

## MATHEMATICS

---

### ALGEBRA I – 1 CREDIT

Algebra I is the foundation—the skills acquired in this course contain the basic knowledge needed for all future high school math courses. The material covered in this course is important, but everyone can do it. Everyone can have a good time solving the hundreds of real-world problems algebra can help answer..

Each module in this course is presented in a step-by-step way right on the computer screen. Hands-on labs make the numbers, graphs, and equations more real. The content in this course is tied to real-world applications like sports, travel, business, and health.

This course is designed to give students the skills and strategies to solve all kinds of mathematical problems. Students will also acquire the confidence needed to handle everything high school math has in store for them.

*Prerequisites:* Successful completion of 7th grade mathematics with a grade of C or better.

---

### ALGEBRA II – 1 CREDIT

This course allows students to learn while having fun. Interactive examples help guide students' journey through customized feedback and praise. Mathematical concepts are applied to everyday occurrences such as earthquakes, stadium seating, and purchasing movie tickets. Students investigate the effects of an equation on its graph through the use of technology. Students have opportunities to work with their peers on specific lessons.

Algebra II is an advanced course using hands-on activities, applications, group interactions, and the latest technology.

*Prerequisites:* Algebra I

---

### CONSUMER MATH – 1 CREDIT

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.

*Prerequisites:* None

---

### GEOMETRY – 1 CREDIT

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.

Geometry is everywhere, not just in pyramids. Engineers use geometry to build highways and bridges. Artists use geometry to create perspective in their paintings, and mapmakers help travelers find things using the points located on a geometric grid. Throughout this course, you will be taken on a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving.

*Prerequisites:* Algebra 1 or its equivalent.

---

### PRE-CALCULUS – 1 CREDIT

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.

*Prerequisites:* Algebra 1, Algebra 2, Geometry

## SCIENCE

### BIOLOGY – 1 CREDIT

The Biology course guides students through the study of living and non-living systems and how they interact with one another. Students explore the world they live in by posing questions and seeking answers through scientific inquiry. Discovery takes place through observation and data collection. The students will be introduced to the structure, function, diversity, and Creation of living matter. This is a course with real relevance. It encourages curiosity and provides opportunity for students to work on hands on lab activities and develop relationships through collaboratively learning. Engaging in the study of biological science broadens the picture of the world around us.

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

*Prerequisites:* None

### CHEMISTRY – 1 CREDIT

This course is designed to serve as a foundation for the study of Chemistry. The utilization of scientific inquiry, web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application through labs and a variety of assessments all aid the student in ultimately demonstrating a vast understanding of the importance of Chemistry in the world around them; enabling them to apply these properties to their everyday lives.

### EARTH-SPACE SCIENCE – 1 CREDIT

Be captivated by the wonders and beauty of the third planet from our Sun, Earth. Be amazed by what awaits your discovery within our solar system and beyond. It is your turn to explore the universe.

Earth/Space Science is a laboratory course focusing on the study of space, geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world. Through experimentation and investigation, students will explore the earth cycles including the geosphere, hydrosphere, cryosphere, atmosphere, and the carbon cycle. Students will learn about scientific inquiry, geologic time, space exploration, the solar system, and the universe. Students will use web 2.0 tools, interactive experiences, higher-order thinking, collaborative projects, and real-world application through labs and a variety of assessments. Upon completion of the course, students will have a clear understanding of the dynamic forces at work in the world around them, becoming better caretakers of our planet, Earth.

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

*Prerequisites:* None

---

### MARINE SCIENCE – 1 CREDIT

In the marine science course, students delve deep into Earth’s bodies of water and study geologic structures and how they affect the oceans. Students investigate characteristics of various populations, patterns of distribution of life in aquatic systems, and ongoing changes occurring every day in our precious ecosystems.

Students will be amazed and enlightened at just how much our oceans and lakes affect climate, weather, and seasonal variations. Students have the opportunity to explore the relationships among living organisms and see how they are affected by our oceans currents, tides, and waves. We will learn about God’s Creation and how to better fulfill his charge to care for and rule over the earth. Hold on, it is one amazing journey.

*Prerequisites:* None

---

### PHYSICS – 1 CREDIT

We stand on the shoulders of giants. Whether by observation, experimentation or brilliant insight, the progress of physics through the centuries has been advanced by scientific geniuses who wanted to know how things work. You’ll find out for yourself when you take this course and visit “Physics World.”

In each “Physics World” module, you’ll discover the contributions of geniuses like Galileo, Newton and Einstein. In their work, you’ll learn the concepts, theories and laws that govern the interaction of matter, energy and forces. From tiny atoms to galaxies with millions of stars, the universal laws of physics are there for you to observe and apply. Using laboratory activities, videos, software, and websites, you’ll follow in the footsteps of some of the world’s greatest thinkers.

This is a serious course that will make you think. It will also make you appreciate the beauty and importance of the science that governs our lives. 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.

*Prerequisites:* Algebra I & II recommended.

## SOCIAL STUDIES

---

### AMERICAN GOVERNMENT – ½ CREDIT

Responsible citizenship means more than just paying taxes. It means understanding the principles and practices of government. It also means defining your beliefs as to what good government is. In this course, you will take on the role of a Washington D.C. intern and spend time working throughout the nation’s capital with all three branches of the government- and beyond. As you progress through the internship you will gain a greater understanding on the history of the country's beginnings, and knowledge of how government functions at the local, state and national levels.

The purpose of this course is to help you become an informed and active citizen. In part, the Declaration of Independence asserts that, "Governments are instituted among Men, deriving their just Powers from the Consent of the Governed." Make yours an informed consent.

*Prerequisites:* This course is recommended for students in 11th grade. Successful completion of English 1 is strongly recommended.

---

### AMERICAN HISTORY – 1 CREDIT

American history is full of big questions that grab our attention. In this course, you will look at some of the most profound questions that thoughtful Americans still debate. You will research many important events throughout the history of America. In the process, you will witness the development of America from its first settlers to today's superpower status.

Questions about slavery, regulation of business, religious freedom, and how to maintain a stable world order have always been part of the American experiment. Most of the time, the answers are not so simple, but we want to know what you think. To develop your personal beliefs, you will use verified sources, including original documents and the writings of people contemporary with the events.

Equally important, this course will challenge you to apply your knowledge and perspective of history to interpret the events of today. The questions raised by history are endlessly fascinating. We look forward to your participation in the debate.

*Prerequisites:* This course is recommended for students in 11th grade. Successful completion of English 1 is strongly recommended.

---

### ECONOMICS – ½ CREDIT

Economic decisions affect us every day of our lives. Understanding economics means thinking about how scarcity, or limited resources, requires us to make choices and evaluate one option against others.

In this course, you will recognize examples of economics in your daily life. You will see how the economic choices of larger groups, like businesses and governments, affect you and others. As you progress through the course, you will recognize that the costs and benefits of choices connect individuals and groups around the world.

The purpose of this course is to help you become a smart consumer who understands the flow of an economy between individuals, businesses, governments, and the rest of the world.

*Prerequisites:* This course is recommended for students in 11th grade. There are no prerequisites for the Economics course, however, successful completion of English 1 and Algebra I is strongly recommended.

---

### GLOBAL STUDIES – 1 CREDIT

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.

*Prerequisites:* None

---

## WORLD HISTORY

Whether they lived 3,000 years ago or 100 years ago, people are always making history. It does not matter if they lived in medieval Europe or ancient Egypt, the people who came before us are responsible for nearly all that we have today. In this course, you will have the job of “curator” of the Windows of the World Museum. You will be learning about the many wings of the museum and will have the opportunity to speak with your Director about the exhibits.

World History gives students the opportunity to visit the past, connect with the present, and look to the future. Join others in the exploration of ancient and modern civilizations, their impact, and their contributions to today's global society. 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.

*Prerequisites:* None

## TECHNOLOGY

---

### DIGITAL PHOTOGRAPHY – ½ CREDIT

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.

*Prerequisites:* None

---

### GAME DESIGN – ½ CREDIT

This course will introduce students to the basic skills necessary for game design. They will study the various games in the industry and analyze their approach in terms design and development. The student will explore the processes and art of making game elements like story, levels, sound, user interfaces, and levels. This analysis will include an orientation to the gaming market and innovative techniques’ impact on it. Finally, the student will merge all these elements into a functional prototype showing their understanding of the game design process.

*Prerequisites:* None

---

### MOBILE APP PROGRAMMING – ½ CREDIT

This course will teach foundational computer science methodology, concepts, and programming while students utilize the latest mobile development software and technologies to demonstrate their understanding. From the first lesson students will utilize what they are learning to develop and produce functional Android applications that they can share with classmates, family, and friends. Lessons are a mix of dynamic activity, video guidance, lecture, and tutorials. The lessons are designed to engage both the novice and expert student in the field of mobile application development.

Note: The course was developed utilizing the Nexus 7 Android tablet. It is strongly recommended that students have access to this tablet in order for tutorials, video, and screenshots to align.

*Prerequisites:* None

## MIDDLE SCHOOL COURSES

### BIBLE

#### JESUS: PROPHET, PRIEST, KING AND SAVIOR – 1 CREDIT

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.

*Prerequisites:* This year long course is designed for those in grades 5 to 8.

#### LIGHTBEARERS (FROM SUMMIT MINISTRIES) – 1 CREDIT

Lightbearers is a Bible curriculum for 7th-8th 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.

*Prerequisites:* None

### 6TH GRADE CLASSES

#### LANGUAGE ARTS 1 – 1 CREDIT

It's time for exploration. In this course, students explore exciting stories, folktales, and heroic adventures from the past and present. The instructor is a guide, while students choose the stories they like best.

There are many good places to find interesting stories and courageous heroes. In this course, students read short stories and novels, listen to music, read newspapers, and even interview their parents. Just as important, students learn to create interesting stories of their own. Along the way, students receive information about vocabulary, grammar, and getting the punctuation right. There are also plenty of opportunities for students to use their imaginations and be creative.

Good stories and interesting characters are found in every good book, and they can be a student's friends for life. Students might even find they have a few good stories of their own to tell.

---

### MATH 1 – 1 CREDIT

M/J Math 1 is designed to engage students at every turn. Students have opportunities to demonstrate their knowledge of number manipulation by applying it to real world scenarios. The course is packed with games that reinforce and let students practice the skills they learn throughout the course. Tidbits of trivia and activities throughout the course leave students with a smile.

---

### SCIENCE 1 – 1 CREDIT

Comprehensive Science 1 is the first in a series of three consecutive science classes. This course provides an introduction to science, energy, forces, weather, climate, Earth's systems, and the living world. Some topics are explored in depth while others are introduced to serve as building blocks for M/J Comprehensive Science 2 and 3. Students explore science through everyday examples and experiences and participate in activities and online laboratory experiences to apply what they have learned.

---

### WORLD CULTURES – 1 CREDIT

Sign up now to participate in an amazing game show! Students will transform into great adventurers and will experience many ancient civilizations. Students will become engaged in social studies like never before. Students will become immersed in exciting adventures and will actively experience ancient history. The purpose of this course is to show students the many cultural groups that have influenced and contributed to the modern world. Students will see that every culture has a desire for worship, but because of the fall of humanity; these cultures tend to worship the created rather than the creator. The content includes the study of the following ancient civilizations and topics: Mesopotamia, Egypt, China, Greece, Rome, Aztecs, Incas, Mayas, the Middle Ages, the Renaissance and modern contributions.

## 7TH GRADE CLASSES

---

### LANGUAGE ARTS 2 – 1 CREDIT

Everyone uses words, but some do it better than others. It's how politicians get elected, how stores sell their products, and how people express their feelings. There are techniques and strategies for doing it well, and Language Arts 2 is here to help students do it well too.

In this course, students read and listen to other people's words. They analyze what others are saying and how they are saying it. Students read everything from newspapers to novels. Just as important, they discover their own ability to use words. Students use strategies to create clear and effective written messages, learning how to organize and deliver oral presentations. Throughout the course, they keep a Discovery Log that contains every word they have written. Biblical principles shed new meaning on text, focusing on the impact of Christianity on daily life.

---

### MATH 2 – 1 CREDIT

M/J Math 2 is designed to expand student knowledge about transformations of shapes by sliding, flipping, rotating, and enlarging them on the coordinate plane. This course gives students the opportunity to create, investigate, and demonstrate knowledge at both intermediate and advanced levels. Students will be amazed with the skills that they accumulate in completing this course. This course is so full of animations, applications, videos, games, and real-world scenarios, students may it is the latest video game.

---

### SCIENCE 2 – 1 CREDIT

Comprehensive Science 2 is the second course in the M/J Comprehensive Science Sequence. In this course, students explore the foundations of science, energy, the Earth and its features, Earth's internal and external structures and how they change, Earth's history, living things and how they change and interact, genetics and heredity, and organization of the living world. Some of these topics are introduced and serve as a foundation for M/J Comprehensive Science 3, and others are discussed in detail. Students learn through real-world examples and virtually visit six different continents to see science in action all over the world. Students will participate in activities and online laboratory experiences to apply what they have learned.

---

### WORLD GEOGRAPHY – 1 CREDIT

If the entire world and its people were represented in one theme park, what would the park look like? That is what students in this course learn as they design your own Global Village Theme Park. This is a big project, and park visitors need to have a good time while learning about the world. To do the job right, students must have a solid knowledge of geography.

Students start the project by going on a global fact-finding mission. The mission includes Europe, the Middle East, Asia, North and South America, and the countries around the Pacific rim. Students research the cultural and natural landscapes of the regions they visit. Then they design their own theme parks offering a multicultural understanding of our world's diverse people and places. They will also explore concepts about world evangelism.

As modern communications and transportation bring our world closer together, knowledge of geography becomes more important. This course takes students to places around the world for a virtual first-hand look.

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.

## 8TH GRADE CLASSES

---

### LANGUAGE ARTS 3 – 1 CREDIT

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. It is also about discovering which ideas have lasting value for each student.

Books, poems, and songs are filled with stories about people discovering the world around them and the world inside them. Authors share their reflections about how people respond to changes and challenges. In this course, students encounter the many faces of change. They are also challenged to define and describe their own place in a changing world.

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 be developing reading, writing, speaking, listening and viewing skills through a variety of materials (novels, short stories, poetry, biographies, articles, drama, essays and media).

---

### MATH 3 (PRE-ALGEBRA) – 1 CREDIT

Students who love playing interactive games will love this course. Students experience intrigue and fun when they log in to M/J Math 3. This hands-on course is full of animations, applications, videos, games, and real-world scenarios. The satisfaction students gain from truly understanding higher level concepts such as systems of equations and central tendencies encourages excitement and joy for learning they may have never experienced before .

---

### SCIENCE 3 – 1 CREDIT

Comprehensive Science 3 is the last class of the M/J Comprehensive Science series. The course introduces new information and reviews some basics of science to prepare students for high school science coursework. Topics covered include the nature of science, Earth-space science, properties of matter, changes in matter, matter and energy, and energy flow in the living world. In this course, students learn through real-world examples and applications. Students participate in activities and online laboratory experiences to apply what they have learned.

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.

---

### US HISTORY – 1 CREDIT

Learning about history allows people to see how far we have come and what awaits us on our path to the future. In this course, students will explore the history of the United States and analyze the cause and effect in historical events. They will investigate history by using the tools of a historian to examine the historical, geographic, political, economic, and sociological events that influenced the development of the United States. Students will imagine what it was like to live in the past by reading the stories from the people who experienced it. This course begins

with the engaging stories of what brought the earliest American colonists to the New World and ends with the struggles to repair the United States following the Civil War. Engaging in this study allows students to recognize the themes of history that span across centuries and leads to a greater appreciation of the development of the United States and the resulting impact on world history.

## DUAL CREDIT COURSES

We encourage you to get the most up-to-date information from our [dual credit page](#). We are currently partnered with the following colleges for these courses:

---

### BOYCE COLLEGE (KY)



High school students can earn up to 21 hours through the Boyce College dual enrollment at a rate of no more than six hours (two classes) per semester.

[View courses](#) available from Boyce College.

---

### COLORADO CHRISTIAN UNIVERSITY (CO)



Through a partnership with CCU, students who take the following courses using a Sevenstar teacher are eligible to file for a CCU college transcript: AP US Government and Politics, AP English Language and Composition, AP English Literature and Composition, AP World History, AP Microeconomics, AP Macroeconomics, AP Calculus, AP Art History, AP Biology, AP Computer, Science, Honors Chemistry, Pre-Calculus, French III, German III, Latin III, and Spanish III.

[View details](#) about the dual credit program available from CCU.

---

### DAVIS COLLEGE (NY)



Davis courses start almost every month and do not require a minimum number of students. You can find out more about our Davis College courses by [clicking here](#).

\*Please note these courses adhere to the Davis College schedule and complete quickly, in either 8, 10 or 12 weeks. Please contact the Sevenstar Admissions Office for more information.

---

#### GOD'S BIBLE SCHOOL AND COLLEGE (OH)



Courses from God's Bible School & College also start at multiple times during the calendar year and do not require a minimum number of students.

[Click here](#) for a list of courses from GBS.

---

#### GRAND CANYON UNIVERSITY (AZ)



Grand Canyon University (GCU) offers dual credit opportunities, providing high school students with an affordable and efficient way to gain a head start on their college degree.

[View courses](#) available from Grand Canyon University.

---

#### INDIANA WESLEYAN UNIVERSITY (IN)



Indiana Wesleyan University (IWU) is an evangelical Christian comprehensive university that is committed to liberal arts and professional education. IWU has been Indiana's fastest-growing university for the past two years. The University's total enrollment, which now exceeds 15,000 students, makes IWU the largest private university in Indiana.

[Click here](#) to see the course from Indiana Wesleyan University.

---

#### THE KING'S COLLEGE (NY)



The King's College seeks ambitious students who want to make a difference in the world. As a high school, dual-enrollment student, you will have the opportunity to take rigorous college level courses with some of the smartest students from around the world. Successful completion of these dual credit courses will also give you the chance to compete for special scholarships and receive preferential consideration for admission into The King's College.

High school students may take up to two courses (6 college credits) per 16-week semester. Each course is 8-weeks with monthly start dates. No course extensions beyond the stated completion time will be granted.

[Click here](#) to see the courses from The King's College.

---

SOUTHERN WESLEYAN UNIVERSITY (SC)



Southern Wesleyan University (SWU) is a Christ-centered institution that was founded in 1906. SWU offers fully online summer courses that give students the opportunity to earn dual credit and get a jump start on earning college credit. Courses are taught in a flexible virtual classroom experience, designed to be both engaging and challenging, and students have access to an incredible array of learning resources.

Please note that all textbooks are included in the class and thus the price is \$100 more than a typical 3 credit dual credit class. Any 4 credit class is \$300 more. No payments should be made until the price is adjusted by the Sevenstar Admissions Team.

[Click here](#) to download a PDF detailing summer course offerings at Southern Wesleyan University.

---

TAYLOR UNIVERSITY (IN)



Courses from Taylor University cover an amazing array of subjects. Students may begin on any day of the year and have four months to complete the course. There is a onetime 4 month extension available for \$125. Taylor University courses with a “lab” will be charged an extra \$50 lab fee.

[Click here](#) to download a PDF document detailing courses from Taylor University.

