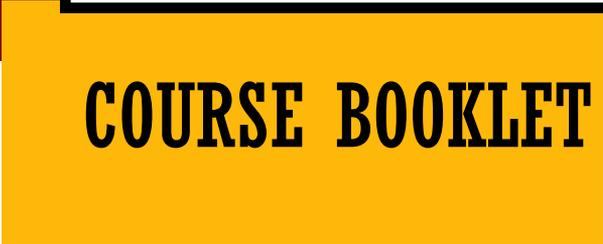
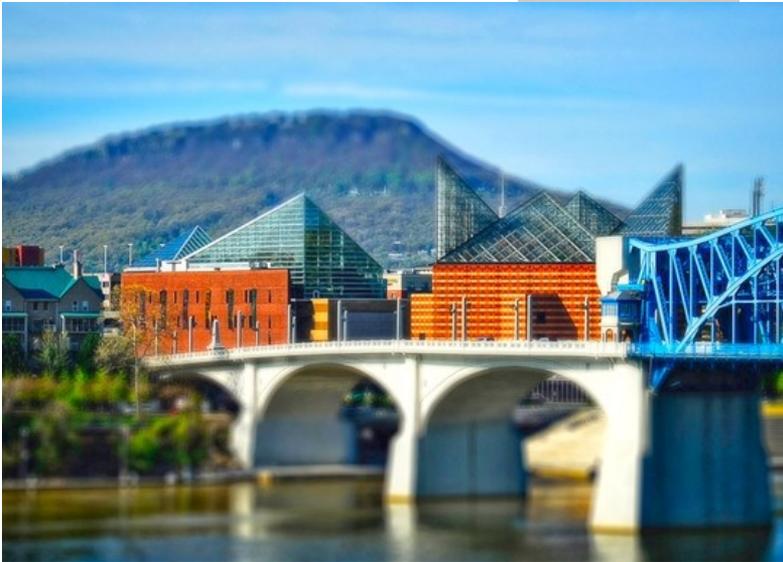




Grace
BAPTIST ACADEMY
Giving • Believing • Achieving



COURSE BOOKLET



Date: 08/01/2017



GRACE BAPTIST ACADEMY

COURSE DESCRIPTION CATALOG

GRADES 6—12

Headmaster: Matt Pollock

Principal: Bob Ateca

COURSE REQUIREMENTS

Graduation Requirements

Grades 9-12

4 unit(s)	English
4 credits	Math Alg. I, Geometry, Alg. 2, & one higher level math)
3 credits	Social Studies US History, Government & Economics, Global History, World History
3 credits	Science Biology, Chemistry, Environment, Physics, Physical Science
2 credit	Foreign Language
1 credit	Visual Performing Arts Art, Band, Choir, Dramatic Arts
1.5 credits	Health, Wellness & Fitness
4 unit(s)	Bible required while at GBA only
½ credit	Speech
½ credit	Senior Project

Total: 23.5 credits

Grace Academy offers AP classes and participates in a Joint Enrollment program which is offered in conjunction with Bryan College and Chattanooga State Community College. Those classes are indicated on the transcript with the letters AP and JE and students receive one extra quality point for those classes. Honors classes are designated with the letter H; students receive 0.5 extra quality points for Honors classes.

Grading Scale:

93—100	A
85—92	B
77—84	C
70—76	D
0—69	F

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Course: *Life of Christ*

1 year

Grade: 6**Prerequisite:** None

This 6th-grade Bible class takes students on a journey through the Gospel of John and helps them develop not only a deeper knowledge of Christ but also a deeper relationship with Him. Featuring maps, photographs, and recreations of biblical landmarks, this study of the life of Christ examines the person, work, and ministry of the Son of God within Israel's historical and geographical context.

Course: *Basics of the Christian Life*

1 year

Grade: 7**Prerequisite:** None

This 7th-grade Bible class is designed to encourage students in their desire to become like Christ and to give them the tools to grow as they continue their journey toward spiritual maturity. They will gain an understanding of introductory Christian doctrine, including salvation, the study of the Bible, and the power of prayer. Students will learn how to live out their love for God and share Him with others. This course studies the basics of the Christian life and how believers can live with a Christ-centered perspective in all that they do.

Course: *Apologetics*

1 year

Grade: 8**Prerequisite:** None

This 8th-grade Bible class is an in-depth study of the nature of the Bible. Students will dig deeper into this crucial area of apologetics and foundational area of the Christian faith. This course differs from the 7th-grade class, part of which includes a more general worldview focus and a broader study of apologetics as a whole. This course, designed for older middle school students, will enable students to begin to understand where the aim of many attacks on Christianity: the truthfulness and trustworthiness of the Bible and the historical event of the resurrection of Christ. Students will learn how to defend against those attacks while covering the amazing story of how God's Word has been passed down through the centuries to today. This course also includes a study of various Bible study methods, using the book of Ephesians as its focus.

Course: *Old Testament*

1 year

Grade: 9

1 credit

Prerequisite: None**Graduation Requirement**

This 9th-grade course is a brief introduction to the Old Testament (OT). In this class, students will study all 39 books of the Hebrew Bible. They will learn about the major characters, events, places, and concepts within its pages. While mastery of such information is important (as it lays a necessary foundation for deeper Bible study in the future), it certainly is not the primary goal of this course. Instead, this course seeks to draw the student closer to his or her Creator, Yahweh. The main purpose of this course is to help students grow in their understanding of who God is, what He is doing in history, and what their part is within His story. The OT contains the story of Creation, the Fall of humanity, the effects of sin in the world, and the rise and fall of God's people, Israel. All of these elements point to the need for a Savior, which will be found in the promised Messiah.

Course: *New Testament*

Grade: 10

1 year

1 credit

Prerequisite: None

Graduation Requirement

This 10th-grade course is a brief introduction to the New Testament (NT). In this class, students will study all 27 books of the NT. They will learn about the major characters, events, places, and themes. Students will seek to move beyond the factual level and seek to draw closer to their Savior, Jesus Christ. The main focus of this course is pursuing a deeper understanding of who Jesus is, what He did and why, what He taught, what that meant then, and how that corresponds to their lives today. This class will also examine how the early church began and how the gospel spread in those first days. It will also cover doctrinal and practical truths presented in the various letters, focusing on how the church is supposed to function, the nature of salvation and grace, and how the gospel should practically affect the life of the believer.

Course: *Doctrine*

Grade: 11

1 Year

1 credit

Prerequisite: None

Graduation Requirement

This course is a brief introduction to Christian doctrine. In this class, students will study the ten major areas of systematic theology: Trinitarianism (God, including God the Father), Christology (Jesus Christ), anthropology (humanity), hamartiology (sin), soteriology (salvation), bibliology (Bible), pneumatology (Holy Spirit), angelology (angels/demons/Satan), ecclesiology (Church), and eschatology (end times). Students will examine what the Bible teaches concerning each of these areas. They will discuss the orthodox beliefs of the Church through the centuries, with a critical eye toward areas where false belief has crept in. This class will help students understand what are the main things, as they separate central doctrines from more peripheral ones. The goal of this class is to enable students to grow in their understanding of what they believe, why they believe it, and how their beliefs practically affect their lives.

Course: *World Religions*

Grade: 12

1 Semester

0.5 credit

Prerequisite: None

Graduation Requirement

This course is a survey of various primary world religions. Monotheism, polytheism, atheism, and postmodernism will be addressed. All belief systems will be filtered through the truth of God's Word. This class seeks to develop a more comprehensive biblical worldview, one that is viable and rooted, as the soon-to-be graduate takes his/her next steps in life.

Course: *Financial Freedom*

Grade: 12

1 Semester

0.5 Credit

Prerequisite: None

Graduation Requirement

This course enables students to learn, think about, and implement an area of practical wisdom: finances. This course is just one other element of the school curriculum's focus of developing a biblical worldview and seeing all of life through the lens of Scripture with Christ at the center. Financial Freedom satisfies Tennessee's high school graduation requirement involving a personal finance class. This course is a unique one, for it is primarily based off of video lectures from Dave Ramsey and includes a large amount of class interaction.

Course: English 6**Grade: 6****Prerequisite: Fifth-Grade English**

Sixth-grade English is a literature- and grammar-based course. It is designed to enable the student to understand the structure of our language while expanding on and adding to previously learned comprehension, vocabulary, and writing skills. Short stories and novels in various literary genres are used to promote higher order thinking. All study of literature, grammar, and vocabulary is integrated with the study and application of biblical truth, as we strive to help students grasp an accurate biblical worldview in both their minds and hearts. This course also provides practice leading to the improvement of student writing skills. Students will write a variety of portfolio pieces including a research paper that connects to their science class.

Course: English 7**Grade: 7****Prerequisite: English 6**

Seventh-grade English is a literature- and grammar-based course that builds on what was learned in sixth grade. It is designed to enable the student to understand the structure of our language while expanding on and adding to previously learned comprehension, vocabulary, and writing skills. Short stories and novels in various literary genres are used to promote higher order thinking. All study of literature, grammar, and vocabulary is integrated with the study and application of biblical truth, as we strive to help students grasp an accurate biblical worldview in both their minds and hearts. This course also provides practice leading to the improvement of student writing skills. Students will write a variety of portfolio pieces including an autobiography and a research paper that connects to their history class.

Course: Advanced English 7**Grade: 7****Prerequisite: English 6**

Seventh-grade advanced English is a thematic-based literature and grammar course. It allows students to build on advanced skill in analyzing the elements of fiction and non-fiction in various genres and modes. All study of literature is integrated with the study and application of biblical truths, as we seek to foster the development of a biblical worldview in our students' hearts and minds. This course is designed to further enhance students' critical thinking, vocabulary, grammar and writing skills, at a higher standard as well as train students to use these skills to respond and connect with the various themes explored in the study of English Literature. This course also emphasizes the students' creativity, comprehension, writing skills, and personal responses to literature by giving them an opportunity to build on previous forms of writing.

Course: English 8**Grade: 8****Prerequisite: English 7**

Eighth-grade English is a thematic-based literature and grammar, high school preparatory course. It allows students to build on advanced skills in analyzing the elements of fiction and nonfiction in various genres and modes. All study of literature is integrated with the study and application of biblical truths as we seek to foster the development of a biblical worldview in our students' hearts and minds. This course is designed to further enhance students' critical thinking, vocabulary, grammar and writing skills, as well as to train students to use these skills to respond and connect with the various themes explored in literature. This course also emphasizes the enhancement of students' writing skills by giving them the opportunity to practice various modes of writing.

Course: English 9

Grade: 9

Prerequisite: English 8

Ninth-grade English is a thematic-based literature and grammar, college-preparatory course. It allows students to build advanced skills in analyzing the elements of fiction and nonfiction in various genres. All study of literature is integrated with the study and application of biblical truths as we seek to foster the development of a biblical worldview in our students' hearts and minds. This course is designed to further enhance students' critical thinking, vocabulary, grammar and writing skills, as well as to train students to use these skills in response to literature. This course also emphasizes the enhancement of students' writing skills by giving them the opportunity to build on previous writing and research methods.

Course: Advanced English 9

Grade: 9

Prerequisite: 8th Grade Advanced English and/or teacher recommendation

Ninth-grade Advanced English is a literature- and grammar-based course that builds on eighth-grade English. It is designed to enable the student to understand the structure of our language while expanding on and adding to previously learned comprehension, vocabulary, and writing skills. Short stories and novels in various literary genres are used to promote higher order thinking. Various projects promote higher-order thinking. Study of literature is integrated with the principles of biblical truth as students compare and contrast worldviews and philosophies. This course also provides practice leading to the improvement of student writing skills. Students will write a variety of essays, including a persuasive and an informative essay. A research paper that may be done in cooperation with another subject will be written during the year. Advanced English Ninth-Grade students engage in speech and debate to use analytical and critical thinking skills.

Course: English 10

Grade: 10

Prerequisite: Ninth-Grade English

Tenth-grade English is a thematic literature- and grammar-based course that builds on Ninth-grade English. It is designed to enable the student to understand the structure of our language while expanding on and adding to previously learned comprehension, vocabulary, and writing skills. Short stories and novels in various literary genres are used to promote higher order thinking. Study of literature is integrated with the principles of biblical truth as students compare and contrast worldviews and philosophies. This course also provides practice leading to the improvement of student writing skills. Students will write a variety of essays, including persuasive essays. A research paper that may be interdisciplinary will be written during the year. Differentiated learning is made possible by varying types of assignments and their presentation.

Course: English 11

Grade: 11

Prerequisite: English 10

Eleventh-grade English is a literature-based course covering a survey of American literature, beginning with seminal texts and moving to twentieth-century works. We seek to instill an appreciation and understanding of good literature through a biblical worldview. This course is designed to develop critical thinking skills through use of analogies, grammar study, and discussion. Students learn to execute various modes of writing, including research-based and extemporaneous essays. Vocabulary study based on Latin and Greek roots and prefixes prepares students to approach complex and previously unfamiliar material.

Course: English 12**Grade: 12****Prerequisite: English 11**

Twelfth-grade English is a literature-based course with a strong emphasis on writing. We begin with a study of literary memoir and then complete a survey of British literature, covering material from the Anglo-Saxon period through the twentieth century. Students refine their grammar and composition skills through various types of writing including the short essay and the research paper. Critical thinking is further enhanced through discussion, extemporaneous writing, and word studies. All work in this class is approached with a biblical worldview.

Course: Advanced Placement Literature and Composition**Grade: 11 and 12****Prerequisite: Exemplary work in English 10 or English 11 and teacher recommendation**

AP Literature is a college-level course in which students learn to engage with literary texts and respond to those texts through close reading and analysis. We consider the structure, style, themes, and literary devices applicable to each genre—including poetry, literary nonfiction, short fiction, drama, and the novel—in conjunction with critical commentary on selected pieces. Students respond through both informal and formal writing as well as class discussion. This class is designed to prepare students for the AP literature exam, which they will take in May.

Course: Dual Enrollment College Writing**Grade: 11 and 12****Prerequisite: Exemplary work in previous English courses and a score of 19 on the ACT**

This course is taught in conjunction with Bryan College and fulfills the requirements for two semesters of college English.

English 109 is a first-year composition course where good writing is defined as coherent, cohesive, concise, complete, and correct. Students learn and practice the writing process as they read and respond to academic texts. Class discussion and short presentations aid in the development of critical thinking and expression.

English 110 is a continuation of English 109 and focuses on research, critical thinking, and persuasive composition. Emphasis is placed on recognizing and using rhetorical strategies introduced in the previous course.

Both English 109 and English 110 are taught through a Christian worldview and include the study of works from renowned scholars and theologians as well as a critical look at writing from those with a different approach. In order to fulfill Grace Baptist Academy requirements, students will read additional works not included in the original Bryan syllabus.

Middle School Spanish

Pre-requisite: None

Grade-8th

This course serves as an introduction to the Spanish language. This class is for one semester. Basic Spanish grammatical and conversation elements are presented to the students. We begin with the alphabet, then basic Spanish greetings. We then proceed to days, months, numbers, telling time, vocabulary, and present-tense verb conjugations.

Spanish I

Prerequisite: None

Grade: 10

This course involves a continuation of the concepts covered in Middle School Spanish. All elements of the Middle School class are reviewed. Vocabulary and verb conjugations are expanded. Ar, Er, and Ir verbs are studied. Present-tense stem-changing and irregular verbs as well as the preterite tense are explored. Basic conversation in the present and preterite tenses is conducted on a daily basis.

Spanish II

Prerequisite: Spanish I

Grade: 11

This course is involves a progression into both the language and the culture of latino countries and people. We cover the following tenses: present, preterite, imperfect, future, present subjunctive, present progressive and imperfect progressive. Other grammatical concepts such as positive and negative, formal and informal commands are dealt with. Daily conversation consists of the present, past, and future tenses. Projects are assigned dealing with: word studies of latin origin, written/ video reports on assign Latin topics, currency, and a group video project entirely in Spanish.

Spanish III—Honors

Prerequisite: Spanish II

Grade: 12

This course is an honors level conversational class.

Course: World History**Grade: 6****Prerequisite: None**

Sixth Grade History is designed to present an overview of world history starting at the beginning and stopping at the early exploration of the Americas. The textbook *Discovering Our Past: A History of the World, Early Ages* will aid in our learning about events in both how and why they occurred. We will also be given the opportunity to analyze the information we read and decide as a class whether it is based on a Christian worldview. This strategy will help 6th grade students begin to process the reality of the world around us and the misinformation we receive daily. The result should lead to students who are learning to search for the truth and not just memorize the facts.

Course: Geography**Grade: 7****Prerequisite: 6th World History**

Seventh Grade Geography is a course designed to introduce both physical and human geographic elements. By introducing the basics in the first quarter of the year, students are able to study the seven continents for remainder of the course through the lens of the introductory chapters. Our textbook, Glencoe's *Discovering World Geography*, provides a middle-school level glimpse of the world around us. Far from just memorizing facts, figures, capitals and locations, this course provides an opportunity to study God's creation and how His people have adapted to the various areas of the globe.

Course: US History I**Grade: 8****Prerequisite: 7th Geography**

Eighth Grade US History is an American History Survey Course spanning from Pre-Columbian North America to the Civil War. Glencoe's *Discovering Our Past: A History of the United States* is the textbook for this course. Students are introduced to the wide variety of primary sources available to us from this selected time period in order to better grasp what it was like to live in those times. Students evaluate the decisions of our nation's previous generation of leaders as well as look for themes that connect our past with our present and future.

Course: Global History**Grade: 9****Prerequisite: None**

Global History is a freshman course with an in-depth study of physical, human, and environmental geography. The areas of religion, population, culture, current events, and economics are included in this course. Students will be using iPads for text book work that includes interactive assignments, videos, graphs, and charts.

Course: Government**Grade: 10****Prerequisite: Global History****½ credit**

Government is a semester-long sophomore course that typically includes the study of the origin of governments, as well as the beginnings and development of our U.S. government. The Constitution, and our three branches of government are studied in detail. Students will have the course textbook downloaded on their iPads. Current events as well as interactive iPad assignments that include videos, charts, and graphs will be given in class weekly.

Course: Economics**Grade: 10****Prerequisite: Global History****½ credit**

Economics is a semester-long sophomore course that covers comparative economic systems as well as the U.S free market economy along with supply and demand. Students will also be involved in a stock market project. The textbooks will be downloaded to iPads with charts, graphs, and videos. Weekly current event assignments as well as interactive tools will be used in class on a regular basis.

Course: US History II**Grade: 11****Prerequisites: Government and Economics****1 credit**

This course will give a survey of American History from the Civil War to the start of the 21st Century. There will be an emphasis on the historical events and their causes and effects. We will also look to apply Biblical principles in order to help cultivate a Biblical worldview when analyzing historical and/or current events.

Course: Dual Enrollment US History**Grades: 11 & 12****Prerequisites: 3.0 GPA, Government & Economics****½ credit**

Juniors and Seniors are eligible for this Dual Enrollment Course. Grace partners with Bryan College to provide this opportunity of college credit. The first semester, HIS 221 (Pre-Columbian North America-Reconstruction), and the second semester, HIS 222 (Gilded Age-21st Century), are worth 3 credit hours each for students who earned at least a C average in the course. This US History offering is an excellent way for students to familiarize themselves with what a college class while maintaining the familiar aspects of Grace. Students are challenged to read, write and think like they never have been before and they come out of these classes with a deeper understanding of our nation's past and how it is directing our future.

Course: Dual Enrollment Western Civilizations**Grade: 12****Prerequisites: 3.0 GPA & US History****½ credit**

Seniors at Grace are eligible to enroll in HIS 111 (3 credit hours) and HIS 112 (3 credit hours) to obtain even more history credits before graduating high school. These two courses serve as a broad survey of Western Civilization, spanning from Creation to The European Age of Exploration. Much like the HIS 221/222 courses, these classes provide the college-level history experience within the familiar setting of high school. Western Civilization students obtain a better sense of how World History shaped American History, giving them the proper knowledge base to tackle future upper-level history courses in college.

Graduation Requirements: 3 History Credits

Course: 6th Grade Math**1 Year****Grade: 6****Prerequisite: 5th Grade math****Curriculum: McGraw-Hill Course 1**

Course I builds on many foundations established during elementary school and is taught through a Biblical worldview. This course includes multiplication and division of decimals, the multiplication and division of fractions, ratios and rates, percent's, algebraic expressions, functions, inequalities, geometry and measurement, data analysis and probability, and problem solving. Ready recall of basic addition, subtraction, multiplication, and division facts is expected.

Course: Pre-Algebra I**1 Year****Grades: 6 or 7****Curriculum: McGraw-Hill Course 2**

Pre-Algebra I will provide students with an understanding of terminology, notation and application of algebraic concepts, taught through a Biblical worldview. Topics of the course include expressions and patterns, integers, rational numbers, equations and inequalities, proportions and similarity, percent, linear functions, probability and predictions, statistical displays, volume and surface area, measurement and proportional reasoning, polygons, and transformations.

Course: Pre-Algebra II**Prerequisite: Pre-Algebra I****1 Year****Grade: 7 or 8****Curriculum: McGraw-Hill Course 3**

Pre-Algebra II will provide students with an understanding of terminology, notation and application of algebraic concepts, taught through a Biblical worldview. Topics of the course include rational numbers and percent, real numbers and monomials, equations and inequalities, expressions and functions, linear functions and systems of equations, two and three dimensional geometry, triangles and transformations, units of measure, data analysis and statistics, probability and combinations, and area and volume.

Course: Algebra I**1 Year****Grades: 8 and 9****1 Credit****Prerequisite: Pre-Algebra II****Curriculum: McGraw-Hill Algebra I**

Algebra 1 provides an introduction to advanced math topics. Students will gain an understanding of terminology, notation, the basics of logical reasoning, and application of concepts, through a Biblical worldview.

Topics: Properties of numbers, exponents and radicals, functions, linear equations, inequalities, and functions, graphing, polynomials, factoring, quadratic equations, inequalities, and functions, radical equations and functions, rational equations and functions, and applications of each topic.

Course: Geometry**1 Year****Grades: 9 and 10****1 Credit****Prerequisite: Algebra I****Curriculum: McGraw-Hill Geometry**

Geometry is a cumulative course covering the study of shapes. The students will develop reasoning and problem solving skills through a Biblical worldview as they study many topics. The geometry topics include congruency and similarity, applying properties of lines, triangles, quadrilaterals, and circles. The students will also deepen their understanding and improve their problem solving skills by using length, perimeter, area, circumference, surface area, and volume to solve real-world problems.

Course: Algebra II**1 Year****Grades: 10 and 11****1 Credit****Prerequisite: Algebra I****Curriculum: McGraw-Hill Algebra II**

Algebra II is a cumulative course designed to increase the knowledge and skills taught in algebra I. The students will develop reasoning and problem solving skills through a Biblical worldview as they study many topics, such as factoring, functions, and graphing. The students will also deepen their understanding and improve their problem solving skills by applying equations and inequalities of lines, parabolas, and conic sections to solve real-world problems.

Course: Bridge to College Math**1 Year****Grade: 12****1 Credit****Prerequisites: Algebra I, Algebra II, Geometry**

The Bridge course will provide students with a review of the essential algebraic and geometric knowledge and skills needed to succeed in introductory college math and science courses. Students will review key topics from algebra, geometry, and trigonometry, through a Biblical worldview.

Topics: Properties of real and complex numbers, exponents and radicals, linear equations and inequalities, graphing linear equations and functions, quadratic equations and inequalities, polynomial equations and functions, rational functions and equations, exponential equations and functions, logarithmic equations and functions, lines, angles, triangles, polygons, circles, ellipses, hyperbolas, parabolas, inductive and deductive reasoning, and applications of each.

Course: Honors Pre-Calculus/Dual Enrollment Pre-Calculus**1 Year****Grades: 11 and 12****1 Credit****Prerequisites: Algebra I, Algebra II, Geometry**

Course Description: Pre-Calculus provides a detailed study of the topics essential to success in calculus, taught through a Biblical worldview. Students will gain deeper understanding of different types and properties of functions as well as learn about advanced topics such as vectors, sequences and series, and an introduction to limits and derivatives

Course: 6th Grade Integrated Science**Grade: 6****Prerequisites: None**

The 6th Grade Science course covers many areas of science that are combined into what is referred to as an integrated science course. The topics covered will introduce students to topics that will be more thoroughly covered in their middle school and high school science courses. It begins with learning and applying the scientific method in a variety of experiment based activities which will continue throughout the year. The course will then move into an introduction of Biology, Astronomy, Physical Science, Engineering, and Earth Science. While this class will NOT be heavily involved with complex experiments or dissections there will be a hands-on focus to each topic of study. Each of these subjects will be covered with Biblical worldview that identifies a Divine Creator as the cause and reason for this unique detail and order found in all of Creation.

Course: Middle School Life Science

1 year

Grade: 7**Prerequisite: General Science 6th Grade**

Seventh grade is life science. The year starts out with the scientific method and use of the microscope. This is followed by solid instruction on evolution and creationism, concentrating of a Biblical worldview. Complete knowledge of cell theory, organelle's, functions is studied. Then, basic genetics is covered. Most of the systems of the human body are also part of this course. Ecology is covered the use of project wet. Since engineering is so important to many of these students future work, all classes compete in an engineering competition through Design Squad. Classes consist of notes, scientific terminology, hands-on investigations, project-based learning, blended learning, and out-of-school projects. The basics of dissections will also be learned. Seventh graders will participate in a combined history/science field trip.

Course: Advanced Life Science**Grade: 7****Prerequisite: General Science- 6th Grade**

Advanced 7th grade science is primarily life science. Advanced students should expect a more rigorous and rapid study of all areas covered. There will be more responsibility and more freedom. This year will start off with the scientific method and microscopes. Our class will have a concentrated study of both creationism and evolutionary thinking. We will then proceed to cells and all things genetic. This will be followed by the study of most of the systems of our body. We will endeavor to have a monthly ecology lesson from Project Wet. Classes will consist of lecture notes, science vocabulary, hands on investigations, and projects. This class will be structured with blended learning. This means that some instructions will be given by video that will be watched at home with project-based learning going on in the classroom. Our School year will be closed out with Design Squad. This is an engineering and physics competition. There will be a combined history and science field trip in the fall. In addition, advanced students will be-participating in other activities that may or may not be off campus

Course: Earth & Space Science**Grade: 8th****Prerequisites: None**

Eighth grade science is Earth and space science. We will begin the year with Science Fair. Next, we will study Aeronautics. Students will construct both an airplane and a rocket while learning the science behind flight and rocketry. This will culminate in the Ultimate Field Trip to the U.S. Space & Rocket Center in Huntsville. Using a Biblical worldview we will dive into astronomy, meteorology, geology, & the hydrosphere. Design Squad will round out the year with an engineering competition. Classes will feature blended learning,with a heavy reliance on the use of the iPad.

Course: Physical Science

1 year

Grade: 9th

1 credit

Prerequisites: none

Physical Science is an introductory course into Chemistry and Physics. Chemistry topics covered include properties of matter, states of matter, atoms, the periodic table and chemical bonding. Motion, forces, machines and energy are studied in the Physics portion of the course. Labs and projects are designed to actively engage students in various topics. Basic mathematical computation is used in various labs/scientific equations as well as developing skills in interpreting scientific graphs and tables. The Christian perspective that God is the Divine Creator and it is His power that holds our world together is reinforced through the study of Chemistry and Physics.

Course: Advanced Physical Science

1 year

Grade: 9

1 credit

Prerequisites: none

Advanced Physical Science is an accelerated introductory course in Chemistry and Physics. The Chemistry topics include the properties of matter, states of matter, atoms, sub-atomic particles, the periodic table, chemical bonding, chemical reactions, balancing equations, and solubility. The Physics topics include motion, velocity, acceleration, forces, machines, and energy. Labs and projects are designed to introduce, reinforce, or deepen the various topics and engage students in hands on science practice. Basic mathematical skills are used in computation in class and in the lab. Students will develop skills in graphing and graphical interpretation. The Christian perspective that God is the Divine Creator and sustainer of the universe is reinforced through the study of Advanced Physical Science at Grace Baptist Academy.

Course: Chemistry

1 year

Grade: 10th

1 credit

Prerequisites: Physical Science or Advanced Physical Science / Algebra I

Chemistry reinforces and deepens a student's understanding of the Physical Science principles that relate to matter, bonding, reactions, and solubility. Chemistry also teaches students how energy affects reactions, calorimetry, stoichiometry, organic chemistry, and nuclear chemistry. Labs are designed to reinforce or deepen various topics and engage students in hands on science practice. Chemistry utilizes problem solving and thinking skills that require mathematical calculation. Calculations, graphing, and data analysis are used to prepare students for future science courses in High School, ACT tests, and future College science classes. The Christian perspective that God is the Divine Creator and it is His power that holds our world together is reinforced through the study of Chemistry.

Course: Physics

1 year

Grade: 11th

1 credit

Prerequisites: Physical Science or Advanced Physical Science / Algebra I / Geometry

Physics reinforces and deepens a student's understanding of the Physical Science principles that relate to motion, velocity, acceleration, forces, machines, and energy. Physics also teaches momentum, center of gravity & stability, circular motion, how energy is transmitted through waves (sound and light), calorimetry, and electricity. Labs are designed to reinforce or deepen various topics and engage students in hands on science practice. Physics utilizes problem solving and thinking skills that require mathematical calculation. Calculations, graphing, and data analysis are used to prepare students for future science courses in High School, ACT tests, and future College science classes. The Christian perspective that God is the Divine Creator and it is His power that holds our world together is reinforced through the study of Physics.

Course: Biology I**1 year****Grade: 11****1 credit****Prerequisite:**

Biology is a study of God's design in fundamental biological processes as well as the principles of genetics, anatomy and physiology of plants and animals, all presented with a biblical worldview that emphasizes our responsibility to be caretakers of His creation. The class will use lectures, hands-on labs and activities, research, and periodic assessments (projects, tests, and quizzes) to reinforce learning.

Course: Introduction to Art 1 semester

Grades: 6, 7, 8 (can be repeated)

Prerequisite: None

Introduction to Art is designed to introduce students to the Elements of Art and Principles of Design. Students will have the opportunity to experiment with a variety of art media and develop creative skills through art projects that include drawing, painting, sculpting, and printmaking. Some art history and art appreciation will be incorporated into the learning process.

Course: Foundations of Art and Design 1 Year

Grades: 9, 10, 11, 12 1 Credit

Prerequisite: None

The Foundations of Art course is designed for the beginning level artist wishing to pursue upper level art courses as well as for those who wish to satisfy their Fine Arts requirements for graduation. After learning the Elements of Art and Principles of Design, students will focus on developing skills which include drawing, painting, sculpture, printmaking, and ceramics. They will have the opportunity to experiment and refine these skills using a variety of art media. Some art history and appreciation will be incorporated into the learning process.

Course: Advanced Art I 1 Year

Grades: 10, 11, 12 1 Credit

Prerequisite: Art Foundations

The Advanced Art I course is designed for the serious art student who would like to undertake greater artistic challenges. The course will build on the skills and concepts learned in Art Foundations. Exploration of different mediums and art techniques will occur while creating two-dimensional and three-dimensional art products. Stronger emphasis is placed on composition and the creation of original work for portfolios.

Course: Advanced Art II 1 Year

Grades: 11, 12 1 Credit

Prerequisite: Advanced Art I

The Advanced Art II course is designed to build on the skills and concepts learned in Advanced Art I. This course challenges students who continue at this level to refine their skills in fine arts media and creative problem solving, as well as build their portfolios.

Course: Advanced Art III 1 Year

Grade: 12 1 Credit

Prerequisite: Advanced Art II

The Advanced Art III course is designed to build on the skills and concepts learned in Advanced Art II. This course challenges students who continue at this level to refine their skills in fine arts media and creative problem solving, as well as build their portfolios.

Course: AP Studio Art: 2-D Design 1 Year

Grades: 11, 12 1 Credit

Prerequisite: Art Foundations, Advanced Art (possible college credit)

The AP Studio Art class is for the academically talented and highly motivated student. AP Studio Art is not based on a written exam; instead, students submit portfolios (25 or more 2-D pieces) for evaluation at the end of the school year. All AP Studio students are expected to become independent thinkers and to apply their knowledge of the Elements of Art and Principles of Design to their work in order to demonstrate mastery of advanced level design skills and concepts. Students will have specific in-class and out-of-class assignments. It is recommended that 6 pieces of artwork be completed during the summer prior to the start of class.

Course: Middle School Choir

1 year

Grades: 6, 7, 8

no credit

Prerequisite: None

Middle School Choir is an elective designed to cultivate and inspire musicianship in the life of young singers. The class focuses on individual healthy vocal technique and production, expression, music theory and aural skills, confidence in individual and ensemble singing, and music history and performance practice. Above all, the goal of Middle School Choir is to instill and encourage a love of music in every student that will last a lifetime.

Course: Modern Day Music

1 Semester

Grade: 6-8

No Credit

Prerequisite: None

Modern Day Music is an elective designed to explore the many diverse functions that music plays in our everyday lives. Students will explore various aspects of 5 major purposes of music, including: A Culture Shaped by Music, Music as Entertainment, Music as a Fine Art, and Music as an avenue of Expression and Communication. Along the way, they will study music history, observe art and opera, music technology, songwriting, film score and website design. Designed for the musician and non-musician alike, this class is sure to be educational and fun.

Course: High School Choir**1 Year****Grades: 9, 10, 11, 12****1 Credit****Prerequisite: None**

High School Choir is an elective designed to cultivate and inspire musicianship in the life of singers. The class focuses on individual healthy vocal technique and production, expression, music theory and aural skills, confidence in individual and ensemble singing, and music history and performance practice. Above all, the goal of High School Choir is to instill and encourage a love of music and choral singing in every student that will last a lifetime.

Course: Golden Voices Ensemble**1 Year****Grades: 9, 10, 11, 12****1/2 Credit****Prerequisite: Member of High School Choir—Audition Required**

Golden Voices is an elective designed to cultivate and inspire musicianship in the life of a smaller group singers. The class focuses on individual healthy vocal technique and production, expression, music theory and aural skills, confidence in individual and ensemble singing, and music history and performance practice. This class will take students to the next level in Ensemble singing. The singers are selected from the High School Choir and only meet 3 times per week during the A+ Hour.

Course: Band

1 year

Grades: 6, 7, 8, 9, 10, 11, 12

1 credit (9-12 only)

Course: Middle School Theatre Arts 1/2 year

Grades: 6, 7, 8

Prerequisite: None

Middle School Drama teaches the basics of acting in a variety of situations. Students will work basic drama skills through a variety of improvisational games and exercises. Students will explore themes, scene writing, the basics of costuming and make up.

Course: Drama Studio 1/2 year or 1 year

Grades: 6, 7, 8

Prerequisite: Middle School Theatre Arts

Drama Studio is a class designed for individualized instruction. The class size is small and touches specialized aspects of acting, some theatre history, dramatic criticism and play production, but heavily emphasizes individual presentation. The course includes improvisation projects, monologue and scene work and productions ranging from one act plays to major productions. Drama Team productions are staged at Grace High School, and are presented in chapel or at events on campus or as an evening performance depending on the semester allowance.

Course: Middle School Speech 1/2 year

Grades: 6, 7, 8

Prerequisite: None

Middle School Speech is a foundational course that teaches the basics of public speaking and interpersonal communication. We discuss topics including: listening, interpretation of literature, informational speaking, persuasive techniques, and research and organization of material.

Course: High School Theatre Arts Private Lessons 1 year

Grades: 9, 10, 11, 12

Prerequisite: None

1 credit

Theatre Arts touches on all aspects of acting, theatre history, dramatic criticism, and play production but heavily emphasizes the basics of acting for presentation and play production. This course is conducted through individualized instruction

Course: High School Speech 1/2 credit-

Grades: 11, 12

Prerequisite: None

This class is a foundation course that deals primarily with public speaking and interpersonal communication. Topics discussed are communication and listening, principals of persuasion and debate, informational communication and inspiration and devotional speaking. Students apply language skills in a formal speaking situation.

**Course: Dual Enrollment Introduction to Communications
(College Speech)** 1/2 credit

Grades: 11, 12

Prerequisite:

A course designed to develop an understanding of the basic principles of speech communication, including public speaking, and proficiency in their use.

Course: 6th Grade Technology Applications

1/2 year

Grade: 6**Prerequisite: none**

During this course students will focus on basic computer skills and responsible computer use. Technology applications course has six strands that are based on the National Educational Technology Standards for Students (NETS*S) and performance indicators developed by the International Society for Technology in Educations (ISTE): creativity and innovation; communication and collaboration; research and information fluency;critical thinking, problem solving, and decision making; digital citizenship (Common Sense Media) and technology operations and concepts. Students will develop a basic understanding of the Internet, keyboarding, basic digital literacy and computer knowledge, and software/ iPad App applications. The software and iPad applications include word processing, presentation software, publisher software, and spreadsheets. Emphasis is on project based learning so that students can use these skills for developing career and college readiness skills. Extra activities at the basic level include: computer programming, website creation, video creation and video editing.

Course: 7th Grade Technology Applications

1/2 year

Grade: 7**Prerequisite: none**

During this course students will focus on intermediate computer skills and responsible computer use. Students will already be familiar with basic computer concepts and will build on previous skills learned. Technology applications course has six strands that are based on the National Educational Technology Standards for Students (NETS*S) and performance indicators developed by the International Society for Technology in Educations (ISTE): creativity and innovation; communication and collaboration; research and information fluency;critical thinking, problem solving, and decision making; digital citizenship(Common Sense Media) and technology operations and concepts. Students will develop a basic understanding of the Internet, keyboarding, basic digital literacy and computer knowledge, and software/iPad App applications. The software and iPad applications include word processing, presentation software, publisher software, and spreadsheets. Emphasis is on project based learning so that students can use these skills for developing career and college readiness skills. Extra activities at the basic level include: computer programming, website creation, video creation and video editing. Students 6th through 8th grade projects will follow ISTE technology standards and Tennessee State Standards for Technology.

Course: 8th Grade Technology Applications

1/2 year

Grade: 8**Prerequisite: none**

During this course students will focus on learning advanced computer application skills. Students will reinforce skills learned and complete all standards for middle school technology. Technology Applications course has six strands that are based on the National Educational Technology Standards for Students (NETS*S) and performance indicators developed by the International Society for Technology in Educations (ISTE): creativity and innovation; communication and collaboration; research and information fluency;critical thinking, problem solving, and decision making; digital citizenship(Common Sense Media) and technology operations and concepts. Students will develop a basic understanding of the Internet, keyboarding, basic digital literacy and computer knowledge, and software/ iPad App applications. The software and iPad applications include word processing, presentation software, publisher software, and spreadsheets. Emphasis is on project based learning so that students can use these skills for developing career and college readiness skills. Extra activities at the basic level include: computer programming, website creation, video creation and video editing. All 6th through 8th grade computer will follow ISTE Technology Standards and Tennessee State Standards for Technology.

Course: Intro to Computer Science I 1 semester **Grades:**
9-12 1/2 credit

Prerequisite: Algebra 1

Intro to Computer Science assumes no prior knowledge of programming. The focus is on building web pages with HTML5 and CSS3. Python is introduced to give a foundation in programming. The class finishes with an introduction to Jinja2 giving behavior to HTML5 forms.

Course: Advanced Computer Science 1 Semester
Grades: 9-12 ½ credit

Prerequisite: Intro to Computer Science I

The focus in Computer Science II is object oriented Python. Classes, pseudo-classes, methods and functions are covered. There is a semester long project we use to demonstrate these principles. We will make a clone of the Tetris game.

Course: MS Physical Education

1 year

Grade: 6th, 7th, 8th grade**Prerequisite: None**

In this class students will learn about physical fitness and participate in circuit training workouts. The workouts are designed to target all major muscle groups and begin to tone/strengthen each of those areas. Along with these workouts students will learn basic skills in Volleyball, Basketball, Baseball, Soccer, Football, Kickball, Floor Hockey, and Team Handball as well as rules, vocabulary, and brief history of each sport. Finally, in this class students will also develop their cardio respiratory endurance and other areas of fitness as they will complete portions of the Presidential Fitness Test each quarter.

Course: Health / Wellness

1 Semester

Grade: 9

1/2 Credit

Prerequisite: None

The purpose of the Health class is to teach students the wonders of the bodies God has given them and to stimulate them to establish good health practices, which affect total wellness. The emphasis of this course will include: nutrition, growth and development, care and prevention of injuries, and fitness. Other important topics include information on safety, first aid, drug abuse, and building interpersonal relationships.

Course: Strength & Fitness

1 semester

Grades: 9, 10, 11, 12

½ credit

Prerequisite: none

Each day will start with a short warm-up, workout, and end with a short guided stretching period, time permitting. We'll use a combination of weight training, core training, flexibility, plyometric, speed and agility training to improve overall health and sports performance. Workouts emphasize proper form and technique.

MISCELLANEOUS**Course: College Prep**

1 Semester

Grade: 12**Prerequisite: None**

College Prep is designed to encourage juniors and seniors to explore college choices, scholarship opportunities and career interests. The semester course begins with students taking a career inventory and exploring the various careers. Discovering God-given talents and gifts is an important aspect of College Prep and is emphasized as students consider God's plan for their futures. Students will also apply to colleges, search for and apply for scholarships. Create resumes, practice interviewing skills, and explore a number of college majors.

Course: Senior Project

1 Semester

Grade: 12**Grades: 12****Prerequisite: None**

Senior Project is designed to provide students with the opportunity to apply all that they have learned in twelve years of school to a project that will challenge and stretch them. It involves authentic, hands-on experiences for graduating students. This project will 1) allow students to tap into a specific interest or desire, 2) put into practice knowledge and skills already learned, 3) give direction and focus for the future, and 4) provide an opportunity for seniors to take responsibility, claim ownership, and be proud of a great accomplishment.

Senior Project consists of four major components: the paper, the project, the portfolio and the presentation.

ELECTIVES

We offer a variety of Elective Courses each year. These rotate depending on teacher schedules and time availability.

Journalism

Yearbook

MythBusters

Strength & Fitness (HS only)

Fitness (MS only)

Media Studies

Student Aide

World Cultures

Study Skills

Math Lab

Extra Curricular

Grace Academy offers students a variety of opportunities to be involved in our school and our community through both sports, clubs and community service days. We offer the following athletic opportunities in the Upper School:

Baseball

Basketball

Cross Country

Football

Soccer

Softball

Track & Field

Volleyball

Grace Academy participates in the National Honor Society and the Beta Club.



CHARACTER
LEADERSHIP
SCHOLARSHIP
SERVICE





Grace
BAPTIST ACADEMY
Giving • Believing • Achieving