



High School Course Information Sheet

Science Courses:

Physics - Textbook: Conceptual Physics by Prentice Hall

Touches on all major areas of physics in light of a Christian worldview. Focuses primarily on the concepts of physics (motion, forces, work, energy, waves, sound, light, electricity & magnetism) and less on the mathematical application of the laws. Some knowledge of basic Algebra II is required.

Chemistry - Textbook: Chemistry Matter and Change by Glencoe

Covers chemistry topics including analyzing data, properties of matter, atomic structure, periodic table, chemical bonding, stoichiometry, the states of matter and the different types of chemical reactions.

Biology - Textbook: Biology by Glencoe

This course stresses concepts of biology that include cells, biochemistry, botany, zoology, and human anatomy.

Anatomy & Physiology - Textbook: Fundamentals of Human Anatomy and Physiology 3rd Edition

Covers all areas of human anatomy. The students will learn about the 11 body systems and apply that knowledge to dissections and labs.

Forensic Science - Textbook: Forensic Science Fundamentals of Investigation

Students will learn how modern day Chemistry and Biology are applied to solve crimes. Biology and Chemistry are pre-requisites for this class.

AP Biology offered through the Georgia Virtual Academy

Social Studies Courses:

Current Issues

Focuses on contemporary local, state, national, and international issues that affect us and the world in which we live. Provides an in-depth understanding of news and social issues in today's world and encourages students to always be a well informed citizen. Issues discussed include: media, foreign policy, human rights, domestic policy, crime and punishment, environment, and science.

Economics - Textbook: Economics: Concepts and Choices by McDougal Littell

A survey of how the field of Economics affects our daily and national lives. The purpose is to increase knowledge, awareness and appreciation of the economic forces that shape our world and how we as individuals can use them for our advantage.

Sociology

A scientific study of human society and social behavior. Students will seek to understand both social interaction and social phenomenon. Will provide a basic understanding of sociological principles, research experiments and theories of group behavior.

Social Studies Continued:

American Government - Textbook: United States Government: Democracy in Action by Glencoe
Overview of the American government. Will study branches of government and government at all levels. Will also compare our form of government to other forms in the world.

World Geography - Textbook: World Geography by McDougal Littell
An overview of World Geography. Includes how to read maps and studying continents and countries around the world.

World History - Textbook: World History: Patterns of Interaction by McDougal Littell
An exploration into the diversity that makes up our global community. The purpose is to acquire an understanding of the interrelationships between people and the events that shaped their lives. Will investigate the relationship between physical geography, natural resources and the economic, political, social, cultural, religious and historic aspects of human activity.

Honors United States History - Textbook: The American Anthem by Holt
Study of United States History. Subjects to be studied include: Colonization to Revolution, The Constitution, New America, Civil War, Gilded Age, World Power, The Decades of the 20's, 30's & 40's, Cold War & Modern Era.

AP United States History - Textbook: The American Pageant by Houghton Mifflin with additional reading.
Designed to provide students with a college level academic experience and to equip students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States History. *College Credit Course with passing of AP exam

Mathematics Courses

Financial Algebra - Textbook: Financial Algebra by Gerver & Sgroi
This course will help students understand finance in mathematical terms as well as to gain confidence in their ability to manage money. This course covers 8 units under the financial umbrellas of investing, banking, credit, income tax, insurance and household budgeting.

Algebra I - Textbook: Algebra I by McDougal Littell
This course deals with restoring and canceling in three main areas of equations, graphs and applications.

Algebra II/Trigonometry - Textbook: Algebra II by McDougal Littell
Advanced course of algebraic concepts including: equations, functions, polynomials, systems & matrices, exponent & radicals, rational functions, conic sections, probability, data analysis, sequence & series, trig functions, and trig graphs.

Geometry - Textbook: Geometry by McDougal Littell
Study of geometry including the following concepts: basics of geometry, reasoning & proof, perpendicular & parallel lines, congruent triangles, properties of triangles, quadrilaterals, transformations, similarity, right triangles, circles, area of polygons, and surface area.

Pre Calculus - Textbook: Pre Calculus by Brooks & Cole
Topics to be covered include: functions & their graphs, polynomials & rational functions, exponential & log functions, trigonometry, analytic trigonometry, additional trig topics, systems of equations, matrices, sequence & series, analytical geometry (also in 3D) , and limits.

English Courses:

9th Grade Literature - Textbook: Literature: Course 3 by Glencoe

A survey course that samples and examines a wide variety of texts in various literary genres. This course focuses on several different types of formal and informal writing and includes an introduction to MLA format of essays.

10th Grade World Literature - Textbook: Literature: Course 5 by Glencoe

Introduces a variety of authors and selections from world literature: folk tales, short stories, drama, nonfiction/media, poetry and novels. This class develops descriptive, personal narrative, expository and persuasive writing skills. It engages students in the research process, stresses vocabulary development, and extends abilities in writing conventions.

11th Grade American Literature - Textbook: American Literature by Glencoe

Examines literary works written by American authors within a chronological context and according to period structures in American literature. The student examines the various historical periods of our country and develops an understanding of how those periods shaped the literature and affect the meaning of the works produced at those times.

12th Grade British Literature - Textbook: British Literature by Glencoe

Examines literary works by British authors within a chronological context and according to period structures in British literature. The student examines the various historical periods of Great Britain and develops an understanding of how those periods shape the literature and affect the meaning of the works produced at those times.

AP English Literature & Composition offered through the Georgia Virtual Academy

Bible/Religion Courses:

World Views - Textbook: World Religions: A Voyage of Discovery

A survey of religious traditions, this class will help students become more knowledgeable about the major world religions.

Apologetics - Textbook: Exploring Apologetics: Selected Readings

This class discusses world views and perspectives that influence our understanding of reality. The class will consider some of the common objections to Christianity and offers some possible answers to the arguments. The class will read articles backed by Scripture that affirm our faith.

Old Testament - Textbook: The Old Testament: Our Call to Faith and Justice

The purpose of this course is to trace the growth of the Kingdom of God and to see through the Old Testament that God has a redemption plan. Students will learn about the historical development of this plan as we study the historical books of the Old Testament as well as the poetic and prophetic books.

New Testament - Textbook: Encountering Jesus in the New Testament

The purpose of this class is threefold: to present the Bible as the story of God's acts and words, to teach the Bible, not as a history book or a rule book, but as the divinely inspired and infallible word of God, and to immerse students in the stories and other writings in the Bible so they may grow in knowledge and sensitivity.

Foreign Language Courses:

Honors French I - Textbook: Bien Dit! by Holt, Rinehart and Winston

This course is an introduction to the French language and culture. Basic knowledge of the French language and culture will be taught and exercised through four important language skills: reading, writing, listening, and speaking.

Honors Spanish I - Textbook: Avancemos! by McDougal Littell

Students will employ critical thinking skills as they compare the Spanish language and the cultures of different countries. They will also connect to other academic subjects, using their knowledge of Spanish to access the new information.

Honors Spanish II - Textbook: Avancemos! by McDougal Littell

This course will reinforce and expand the students' Spanish language and cultural knowledge, paying particular interest to vocabulary that allows a student to communicate on a basic level. Verb conjugations will be reviewed with further studies to include the preterite, imperfect, conditional, and future tenses of verbs.

Elective Courses:

Health - Textbook: Health by Glencoe

This course touches on all the major areas of human health that include physical, emotional, mental, and spiritual areas. It stresses concepts that include health skills, mental health, emotional health, relationships, nutrition, body systems, drugs, diseases, and safety.

Drama - Textbook: Introduction to Theatre Arts by Meriwether

This course aims to help students learn basic acting techniques and bolster confidence in theatrical performances; learn the basics of technical theatre; understand everything needed to put on a production of a play; learn the history of theatre from classical to the present; become aware of plays, from classic works to modern plays.

Other electives offered include: Praise Band, Weight Training, Personal Fitness, Photography, Visual Arts/Drawing, Yearbook, Mentorship/Teacher's Aide or Tutoring,

