



Arborbrook Christian High School
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Course Descriptions 2015-2016: Grades 9 & 10

Math:

Algebra I

In Algebra I, students will focus on the fundamental aspects of problem solving, while introducing variables and their properties. They will gain skills in linear graphing and apply algebraic concepts to various real-life problem solving. The text for this course is *Saxon Algebra I, Third Edition*.

Geometry

In Geometry, students will learn to prove theorems, and apply several concepts such as constructions, area, and volume in real-life applications. They will use technology in problem solving and focus on analytic geometry. The text for this course is *Geometry (Bob Jones Press)*.

Algebra II

In Algebra II, students will master the topics covered in Algebra I and advance to increasingly complex concepts. The main focus of the class is algebra and the practice of skills such as completing the square, simplification of radicals, abstract equations, advanced inequalities and graphing. It includes several lessons that lay the foundation for fundamental physics and chemistry. The text for this course is *Saxon Algebra II, Third Edition*

Science:

Environmental Science

This class includes earth science topics such as the atmosphere, the hydrosphere, ecology, ecosystems, energy, resource management, and stewardship. The text used for this course is *Environmental Science: Toward a Sustainable Future*, 11th edition by Richard Wright.

Biology

Biology is the study of God's amazing creation through the living environment. Students will gain a deeper understanding of life at all levels and see the complexity and majesty of God's creation firsthand. Fifteen modules include various kingdoms and phyla, cellular reproduction and DNA, genetics, a discussion of evolution, ecology, and more. The text for this course is currently *Exploring Creation with Biology, 2nd Edition*

History:

World History

Students will study events in World History from Ancient times to the present day, considering significant people, events, and changing ideas throughout history. The text for this class is *World History for Christian Schools, 2nd Ed.* by BJU Press.* Texts will also include historical fiction such as *Quo Vadis*.

U.S. History I

Students will study events in American History from the Native Americans, Early Explorers, and First Settlers, through the American Revolution, Civil War, and Reconstruction. The text used for this course is *America: The Last Best Hope* by William Bennett, covering the years from 1492-1914.* Texts will also include historical fiction such as *Narrative of the Life of Frederick Douglass*.

* Students in all history courses will debate topics, create computer animations, and read original source documents as well as historical fiction, all with the goal of making history "come alive" for students. Students will also discuss and analyze current events regularly.

English:

English A: Freedom in Form

"Freedom in Form" is the focus of this class concentrating on memoirs, poetry, essays, plays and novels. Writing projects include a unit on creative writing and a research paper comparing a character in *Animal Farm* with his/her real-life counterpart from Russian Revolution of 1917. Some of the authors studied during the year range from Homer and Henry David Thoreau to Edgar Allan Poe, Harper Lee, Annie Dillard, Ann Voskamp and others. The Shakespeare play for this year is *Hamlet*. Additionally, students will study grammar and vocabulary.

English B: British Literature

British literature is the focus of this class, reading the classic works *Pride and Prejudice*, *A Tale of Two Cities*, *Beowulf* and *The Canterbury Tales* among others. The Shakespeare play for this year is *Julius Caesar*. The writing emphasis is on narrative, descriptive, and reflective writing with an emphasis on style. Additionally students will study grammar and vocabulary.

Technology:

Technology I (9th Grade)

During this year-long course, students will learn some basics about computer hardware, get to know the Mac, practice with Word, learn e-mail etiquette, practice how to do an effective web search, and learn how to use Mac programs such as PowerPoint/Keynote, iPhoto, and iMovie through high-interest projects.

Technology II (10th Grade)

During this year-long course, students will learn how to use GarageBand to create a radio-style podcast, learn how to use Excel to manage data in a spreadsheet, and use online resources to create a “how to” website.

Foreign Language:

Spanish I

Students will learn Spanish through direct instruction, conversation and grammar. Textbooks used are *Spanish I* from Bob Jones Press and Barron’s *501 Spanish Verbs*.

Spanish II

Students will learn Spanish through direct instruction, conversation and grammar. Textbooks used are *Spanish II* from Bob Jones Press and Barron’s *501 Spanish Verbs*.

Bible:

Bible

Students will participate in small group Bible studies, reading & discussing Scripture, learning spiritual disciplines such as verse memory, and praying for one another as they grow into mature and effective followers of Christ.

Worldview (9th grade)

Surveys reveal that a majority of Christian young people walk away from Christ after four years of a university education. Why? Because they are not prepared to defend their faith in a world that, in most cases, presents ideas contrary to their biblical beliefs. This class will take students on a journey into the world of ideas that are shaping our culture, surveying different worldviews, while teaching them to respond with a Christian worldview. The text used for this course is *The Universe Next Door* by James Sire.

Apologetics (10th grade)

This course will concentrate on learning how to defend the faith, emphasizing biblical truth and counter-cultural reasoning with the goal of the student being prepared to impact his or her world for the Kingdom. Text used is *On Guard: Defending your Faith with Reason and Precision* by William Lane Craig.

Electives:

P.E./Health

Using a wonderful resource called *Made in His Image* by Randy J. Guliuzza, we will discover the complexities of the human body while learning practical skills of how to be a good steward of our bodies. A mix of practical hands-on skills training and classroom instruction, this will offer students a wide variety of exposure to basic foundational life skills in the area of fitness and health.

Performing Arts

One performing arts course will be offered each semester. In praise band offered in the fall, students will use their musical gifts in worship, sing choral pieces in parts, and discuss what it means to be a Christian artist. In drama, offered in the spring, students will learn how to use voice, mime, and movement to convey a character, and perform scenes, preparing for a production.

Visual Arts

One visual arts course will be offered each semester. Both semesters, we typically offer an art class, sometimes in a particular medium. Yearbook is also offered all year, with students working to produce and publish the Arborbrook yearbook. They will hone their writing, computer graphics, editing, and layout skills as they work together as a team.

Other Offerings

Other elective courses next year *may* include: Culinary Arts, Creative Writing, Archery, Public Speaking, Sign Language, Photography, and SAT Prep. Courses are based on student interest and instructor availability.

May Term, Edu Trips & Missions

All students will also have the opportunity to take a one-week intensive elective during May Term. Past offerings during May Term have included Home Economics, Wilderness/ Photography trip, History trip to D.C. & Gettysburg, Nicaragua Missions trip (including Spanish Immersion school), Indiana Service Trip, and more. Summer opportunities include Spanish Immersion School in Nicaragua, for which a student may earn credit.