



AUGUSTINE CHRISTIAN ACADEMY

COURSE CATALOG



The Schools of Dialectic and Rhetoric are structured on the collegiate model with classes that meet on Monday/Wednesday/Friday, Monday/Wednesday, or Tuesday/Thursday. Students choose one of six diploma tracks: Advanced Classical, Advanced Biblical Studies, Advanced STEM, Performing Arts, Standard Classical, or our Homeschool Diploma. Full-time and part-time students are encouraged to review diploma requirements (and prepare a four-year projection plan if in the school of Rhetoric) with the Academic Counselor before selecting classes. Please see the current Secondary Class Schedule for the current year's class offerings, meeting days and times.

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COURSE OFFERINGS BY GRADE

This is the preferred progression of students through most of our courses. Some classes may be taken in a different order, but doing so may make it challenging to get into underclassmen courses later in high school. If more than one class is listed, (such as in the math options), choices are based on the skill level or interests of the student.)

7TH	8TH	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Dialectic Middle Ages	Dialectic Modern History	Oklahoma History / US Government	World History I	United States History	World History II
Intermediate Math / Pre-algebra	Pre-algebra / Algebra I	Algebra I / Geometry	Geometry / Algebra II	Algebra II / Trigonometry & Pre-Calculus / Consumer Math	Trigonometry & Pre-Calculus / Calculus / Consumer Math
Life Science	Physical Science	Biology	Chemistry/ Marine Biology	Chemistry / Anatomy /Marine Biology	Anatomy / Physics
English 7	English 8	Classical Composition & Grammar		Advanced Composition	Senior Thesis
Bible 7	Traditional Logic	Classical Literature#	British Literature#	American Literature#	Modern Literature#
Health & Home Cooking*	Health & Home Cooking*	Traditional Logic / Rhetoric I	Rhetoric II**	Advanced Logic (Modern and Digital Logic)**	Various Internships**
Romance Languages*	Latin I *	Latin I / Latin II /	Latin I / Latin II	Latin I / II / Biblical Languages*	Latin II / Biblical Languages*
Art Through History / Musical Theater*	Art Through History / Musical Theater*	Old or New Testament Survey***	Old or New Testament Survey / Understanding the Times***	Old or New Testament Survey / Understanding the Times / Apologetics***	Old or New Testament Survey/ Understanding the Times / Apologetics***
		Yearbook & Journalism / Filmmaking / Performing Shakespeare / Intro to Theater / Musical Theater / Show Choir / Studio Art / Stagecraft*	Yearbook & Journalism / Filmmaking / Performing Shakespeare / Intro to Theater / Musical Theater / Show Choir / Studio Art / Stagecraft / Economics*	Yearbook & Journalism / Filmmaking / Performing Shakespeare / Intro to Theater / Show Choir / Studio Art / Open Studio / Stagecraft Economics*	Yearbook & Journalism / Filmmaking / Performing Shakespeare / Intro to Theater / Show Choir / Studio Art / Open Studio / Stagecraft / Economics*

* Options - see graduation requirements

** Some advanced diploma tracks

At least three literature courses

are required. Order flexible

***One survey and one topical Bible class required / Apologetics prerequisites: Logic and Rhetoric I

Highlighted courses may not be taken out of order without permission of the Headmaster or Dean of Students.

ENGLISH LANGUAGE ARTS

ADVANCED COMPOSITION (10TH-12TH)

HIGH SCHOOL CREDIT: 1 CREDIT

PREREQUISITE: CLASSICAL COMPOSITION AND GRAMMAR
OR INSTRUCTOR APPROVAL

The course helps students master persuasive and critical writing, including literary criticism. Students will write a number of academic essays, choose and develop research topics, practice research strategies, edit their own and others' works, and utilize critical thinking and argumentation skills. The primary goal is to produce students equipped to write and think effectively in an academically rigorous high school environment and to apply those skills beyond high school.

AMERICAN LITERATURE (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 LITERATURE CREDIT

PREREQUISITE: CLASSICAL COMPOSITION AND GRAMMAR

This course is a thorough study of America's literary heritage in Christian perspective from the diaries of early explorers through the works of the Naturalists and Anti-naturalists of the mid and late nineteenth centuries. Careful attention is placed on understanding the impact of worldviews on authors and how their works supported or attacked prevalent ideas. Students study both samples of works in an anthology and read entire novels. Students are also given the tools to understand poetry and to gain an appreciation for what is good, true and beautiful.

BRITISH LITERATURE (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 LITERATURE CREDIT

PREREQUISITE: CLASSICAL COMPOSITION AND GRAMMAR

This course looks at the rich tradition of story in British literature, covering approximately fifteen authors spanning almost one thousand years, from Beowulf to Bronte. The course emphasizes the value of reading difficult texts and relating the material both to history and literary tradition.

CLASSICAL COMPOSITION AND GRAMMAR (9TH-10TH)

HIGH SCHOOL CREDIT: 1 CREDIT

ACA REQUIRED COURSE

PREREQUISITE: NONE

This course focuses on effective writing for high school students. Skills taught include mastering the use of correct grammar, mechanics, and usage; using appropriate format and structure for academic and creative writing; understanding argument and patterns of development; and conducting effective research. Students write a number of academic essays, choose and develop a research topic, learn basic research strategies, and develop critical thinking and argumentation skills.

CLASSICAL LITERATURE (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 LITERATURE CREDIT

ACA REQUIRED COURSE

PREREQUISITE: NONE

This course focuses on the literary masterpieces of the early Western tradition. Beginning with the Bible and other ancient works, study includes the genres of epic poetry, Greek tragedy and comedy, philosophy, and historical writing. Students read the works of authors such as Hesiod, Homer, Euripides, Plato, Ovid, Virgil,

Augustine, Aquinas, and Dante. The study of these texts helps students formulate an understanding of and appreciation for the humanities, as well as prepares them to join the Great Conversation.

ENGLISH 7 (7TH)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

English 7 focuses on reading comprehension, literature exposure, and English grammar rules. The students learn to discuss literature with their peers by engaging with classic novels including *Treasure Island*, *The Adventures of Tom Sawyer*, *A Wrinkle in Time*, and *Roll of Thunder; Hear My Cry* along with poems, essays, and short stories.

Textbook: *Writer's Choice* (Glencoe)

ENGLISH 8 (8TH)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

English 8 focuses on grammar mastery, essay writing, and introduction to literary analysis. The students learn skills such as outlining, summarizing, citing sources, and dialectical journaling. Authors studied include Kenneth Grahame, William Shakespeare, C.S. Lewis, Jules Verne, and Anne Frank. Transitioning from reading children's books to adult selections, students gain an appreciation for literature and learn to apply biblical discernment with the content.

MODERN LITERATURE (11TH - 12TH)

HIGH SCHOOL CREDIT: 1 LITERATURE CREDIT

PREREQUISITE: CLASSICAL COMPOSITION AND GRAMMAR

This course focuses primarily on American and British writers from the mid-1800's to the present. Students examine literature and poetry selections that focus on realism, dystopia, modernism, and postmodernism. By the end of the class, students should be able to identify and differentiate the different literary aspects of each genre, as well as be able to identify the internal and global aspects that prompted their existence.

CLASSICAL STUDIES

LOGIC II: MODERN AND DIGITAL LOGIC (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 CREDIT

PREREQUISITE: TRADITIONAL LOGIC

While traditional logic is language based, modern symbolic propositional logic is more mathematical in nature and is in many ways an expression of the way computers "think." This course teaches students various modern logic methods such as truth tables, formal proofs of validity, and truth trees, as well as how to apply them. Digital logic includes the concepts of digital displays, binary numbers, and the design and simplification of digital logic circuits.

Textbook: *Intermediate Logic* (Canon Press)

RHETORIC I (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 CREDIT

ACA REQUIRED COURSE

PREREQUISITE: NONE

A simplified definition of rhetoric is “the art of persuasion.” In Rhetoric I, students discover the keys to persuading others winsomely. Through rigorous practice and continual analysis of public speaking skills, students gain confidence in expressing themselves with both wisdom and eloquence.

Textbook: *Fitting Words: Classical Rhetoric for the Christian Student* (Roman Roads Media)

RHETORIC II (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 CREDIT

ACA REQUIRED COURSE

PREREQUISITE: RHETORIC I

OR CONCURRENT ENROLLMENT IN RHETORIC I

This study of classical rhetoric is a guided tour through Aristotle’s great work on the subject. It is a careful explanation of what rhetoric is, what it is composed of, and what makes it effective. Aristotle’s book is a theory of communication rather than a manual on speaking or writing, as one would encounter in the ACA Rhetoric I course. The emphasis is on content more than technique. Students also are introduced to formal debate in this class.

Textbooks: Aristotle’s *Rhetoric*; *Thank You for Arguing* (Heinrichs)

SENIOR THESIS (12TH)

HIGH SCHOOL CREDIT: 1 CREDIT

ACA REQUIRED COURSE

PREREQUISITES: CLASSICAL COMPOSITION AND GRAMMAR,

RHETORIC I, AND RHETORIC II OR CONCURRENT ENROLLMENT IN RHETORIC II

This course is the capstone to the ACA student’s classical studies. Senior students develop a topic, conduct research, and write a large-scale research paper in preparation for college level work. The primary focus of the course is to complete a 4,000 word (approximately 20 page) research paper and defend it before a panel of faculty.

TRADITIONAL LOGIC (8TH - 12TH)

HIGH SCHOOL CREDIT: 1 CREDIT

ACA REQUIRED COURSE

PREREQUISITE: NONE

Traditional logic, based on truth and therefore reflecting the very character of God, is foundational to a classical education and the study of rhetoric. In this course, students learn formal, deductive logic and its Aristotelian origins, categorical syllogisms, and informal fallacies.

Textbooks: *Introductory Logic* (Canon Press), *Fallacy Detective* (Bluedorn)

HISTORY

DIALECTIC MIDDLE AGES (7TH GRADE)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

This course begins with the late Roman era (AD 33-476) and focuses on the Middle Ages (476-1453), covering the period from the early Church to the fall of Constantinople. Topics include the fall of Rome, the early Church, legends of King Arthur, the rise of Islam, the Holy Roman Empire, the Vikings, the Norman Conquest,

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the Magna Carta, the Hundred Years' War, and the early Renaissance. World geography is also heavily emphasized in this course.

Textbooks: *The Mystery of History: Volume II* (Hobar), *Famous Men of the Middle Ages* (Memoria Press)

DIALECTIC MODERN HISTORY (8TH GRADE)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

This course is a survey of world history from the Renaissance and Age of Exploration to the end of the twentieth century. It includes a focus on American history, putting it in context within the wider world, as well as an in-depth study of world geography.

Textbooks: *Famous Men of Modern Times*, *The Story of the Thirteen Colonies and The Great Republic*, and *Geography III* (Memoria Press)

OKLAHOMA HISTORY / U.S. GOVERNMENT (9TH)

HIGH SCHOOL CREDIT: 1 HISTORY CREDIT TOTAL

PREREQUISITE: NONE

These courses are taught in one class over two separate semesters:

The first semester, students learn about the geography, people, territories, government, and industries of Oklahoma. Students gain an understanding of the influence and impact of the many diverse native cultures of Oklahoma and the policies that surrounded them, as well as the Land Run, the oil boom, and the economic growth and expansion of the state in the twentieth century. This class may also take field trips.

Textbook: *Oklahoma, Land of Contrasts* (Fisher)

During the second semester, students delve into the makings and workings of America's governmental system. This course provides a background into the historical development of America's governmental philosophies and studies the Constitution in detail. Other topics studied include Federalism, Progressivism, important Supreme Court cases, the workings of state and local government, and the duty of citizenship.

Textbook: *American Government in Christian Perspective* (ABeka)

US HISTORY (11TH)

HIGH SCHOOL CREDIT: 1 HISTORY CREDIT

PREREQUISITE: NONE

This course traces the impact of ideas in American History from early exploration through modern times. Engaging with original documents and first-hand accounts, students discuss important people, dates, and events while focusing on learning how to accurately study history and interpret the results. Students are encouraged to express clearly not just the "whats" of history but the "whys."

Textbook: *Land of Hope: An Invitation to the Great American Story* (McClay)

WORLD HISTORY I (10TH)

HIGH SCHOOL CREDIT: 1 HISTORY CREDIT

PREREQUISITE: NONE

This course covers world history from Creation to the advent of the printing press. Within the framework of a Biblical worldview, students study, discuss, and evaluate the consequences of ideas and events that have

impacted our world. Topics include: differing accounts of creation, ancient civilizations (particularly Greece and Rome), the early Church, Islamic and other Eastern empires.

Textbooks: *World History* (BJU), *World History Patterns of Interaction* (McDougal/Littell)

WORLD HISTORY II (12TH)

HIGH SCHOOL CREDIT: 1 HISTORY CREDIT

PREREQUISITE: NONE

Beginning with the Fall of Constantinople, this course surveys modern history up through the twentieth century to today. Students examine not only important people and events, but the philosophical, political, economic, and religious beliefs that continue to shape our world. Students practice using biblical discernment in evaluating different cultures and government systems, and their consequences.

CLASSICAL AND WORLD LANGUAGES

BIBLICAL LANGUAGES I (AND II*) (9TH - 12TH)

HIGH SCHOOL CREDIT: 1-2 LANGUAGE CREDITS*

PREREQUISITE: NONE

This course is a study of the Bible in its original languages. Students learn the fundamentals of Ancient Hebrew, Old Aramaic, and Alexandrian (Koine) Greek, and use them to read excerpts of Scripture. Some theology will be covered, but typically insofar as it relates to the lexemes, morphology, and syntax of the passages.

*Note: Students may earn two language credits by passing the comprehensive second semester final with a score of 80% or better and paying a discounted course fee for the second credit.

HEBREW I (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 LANGUAGE CREDIT

PREREQUISITE: NONE

In this course the students learn the Hebrew alphabet, grammar, and most or all words appearing one hundred or more times in the Hebrew Bible. Students practice the new concepts and vocabulary through traditional and interactive methodology. They also learn to sing Hebrew songs and learn about essential features of Judaism such as feasts, festivals, and prayers.

HEBREW II (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 LANGUAGE CREDIT

PREREQUISITE: HEBREW I

Building on Hebrew I, we finish the Hebrew verb system. In this class the students learn to use a lexicon and read Biblical passages in Hebrew, including the entire Book of Ruth.

LATIN I (8TH - 12TH)

HIGH SCHOOL CREDIT: 1 LANGUAGE CREDIT

ACA REQUIRED COURSE

PREREQUISITE: NONE

Although ACA students are introduced to Latin in the primary grades, this course is taught as if the students have no background in Latin. However, it moves at an accelerated high school pace. Students learn five declensions, four conjugations, vocabulary, and basic translation techniques using passages from the Bible and ancient Roman authors. Student knowledge of English grammar and ancient Roman culture is strengthened.

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Textbook: *Latin for Americans, First Book* (Ullman)

LATIN II (9TH - 12TH)

ACA REQUIRED COURSE

HIGH SCHOOL CREDIT: 1 LANGUAGE CREDIT

PREREQUISITE: LATIN I

Completing the grammar and syntax materials from *Latin for Americans, First Book*, the Latin II course introduces the subjunctive mood and presents selections from Pliny on Roman history and easy reading from Jason and the Argonauts. By the end of the Latin I and II courses, students have seen the basis of Latin grammar and syntax and can apply it to their classical learning.

Textbooks: *Latin for Americans, First and Second Books* (Ullman)

ROMANCE LANGUAGES (7TH)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

Romance languages are the Indo-European languages descending from Latin. For beginning language learners, this course leads explorers in one semester each of French and Spanish, where they discover the language and the world where it is spoken.

Textbooks: *Discovering Languages French* and *Discovering Languages Spanish*

BIBLICAL STUDIES

APOLOGETICS (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 BIBLICAL STUDIES CREDIT

PREREQUISITE: NONE

This is a course on the theory and practice of Christian apologetics: the art of defending the faith. Students learn all five apologetic views (Classical, Evidential, Presuppositional, Cumulative, and Reformed Epistemological). Part of the curriculum includes critiquing apologetic debates, analyzing daily media, and practicing apologetic encounters.

Textbooks: Koukl's *Tactics*, Geisler and Turek's *I Don't Have Enough Faith to be an Atheist*, Lewis' *Mere Christianity*

DIALECTIC BIBLE (7TH - 8TH)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

This course takes a gospel-centered approach to understanding God and the Bible. Students learn that Jesus Christ is the center of the whole Bible and the turning point of human history. In addition, students learn the basics of a Christian worldview and how it differs from other thought systems.

NEW TESTAMENT SURVEY (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 BIBLICAL STUDIES CREDIT

PREREQUISITE: NONE

This course studies the content of the New Testament as it pertains to the life of Christ and the early church. The students read and carefully study the Gospels, Acts and the epistles of the New Testament, learning the historical context and intended audience of each book.

OLD TESTAMENT SURVEY (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 BIBLICAL STUDIES CREDIT

PREREQUISITE: NONE

This course studies the content of the Old Testament. This is done through reading the entire Old Testament while studying historical facts along the way. Students discover God's plan for the Hebrew people and His plan of redemption for the world. The course includes Bible memory, reading, journaling, application, character study, and group projects.

UNDERSTANDING THE TIMES (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 BIBLICAL STUDIES CREDIT

PREREQUISITE: NONE

This is a course in worldview. Understanding the Times examines six worldviews (Christianity, Islam, Secular Humanism, Cosmic Humanism, Marxism, and Postmodernism) across twelve disciplines, from theology and philosophy to law and economics. While the workload is serious, students gain a framework that will influence how they evaluate information and people they encounter in college and beyond, giving them a firm biblical foundation for how they understand the world.

Textbook: *Understanding the Times* (Summit Ministries)

MATH

ALGEBRA I (8TH - 10TH)

HIGH SCHOOL CREDIT: 1 MATH CREDIT

PREREQUISITE: PRE-ALGEBRA, OR TEACHER APPROVAL

Algebra I covers beginning and intermediate algebra topics and focuses on teaching students the fundamental building blocks of problem solving for real-world applications. New concepts are introduced in small increments, with the end goal being mastery. Major topics include: solving for unknown variables; writing, manipulating, and factoring polynomials; writing, solving, and graphing linear and quadratic equations; simplifying complex fractions; solving systems of equations; working with exponents; simplifying radicals; analyzing and solving real-world word problems; and probability.

Required: TI-83 Plus or TI-84 Plus graphing calculator

Textbook: *Saxon Algebra I*

ALGEBRA II (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 MATH CREDIT

PREREQUISITE: GEOMETRY

Algebra II covers intermediate-to-advanced algebra topics. Concepts taught in Algebra I are reviewed and taken to a more advanced level. The question, “When will I ever use algebra in the real world?” is discussed often in this course. Algebra II fosters critical thinking skills and teaches students to deeply analyze and solve problems that apply to both mathematics and real-world situations. Students who successfully complete this course should be able to understand and apply concepts such as: various types of functions; matrices; advanced factoring; variation; polynomials; linear programming; statistics; basic trigonometric functions; and logarithms.

Required: TI-83 Plus or TI-84 Plus graphing calculator

Textbook: Blitzer’s *Algebra and Trigonometry*

CALCULUS (12TH)

HIGH SCHOOL CREDIT: 1 MATH CREDIT

PREREQUISITE: TRIGONOMETRY/PRE-CALCULUS

This course is designed to master analytic geometry, trigonometry, and beginning-to-intermediate calculus as the student prepares for university. While learning calculus is beneficial for the exercise of the mind, it is especially helpful for students who plan to study mathematics, engineering, physics, business, or life sciences. Students who successfully complete this course will be well-prepared for calculus courses at the university level.

Required: TI-83 Plus or TI-84 Plus graphing calculator

Textbook: *Saxon Calculus*

CONSUMER MATH (11TH - 12TH)

HIGH SCHOOL CREDIT: 1 MATH CREDIT

PREREQUISITE: ALGEBRA I

This course strengthens student math skills generally, but most specifically as they are applied to the everyday decisions and results of the life of a consumer. Topics include income, budgeting, personal banking, borrowing money, insurance and taxes. The importance of biblical stewardship is also emphasized along with discussions of the purpose of money.

*Note: This course meets the graduation requirement for Personal Financial Literacy

Textbook: *Consumer Math* (BJU Press)

GEOMETRY (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 MATH CREDIT

PREREQUISITE: ALGEBRA I

This course focuses on plane figures (triangles, parallel lines, circles) with an emphasis on proofs, which develop logical thinking, as well as constructions, a mathematical method used by the ancient Greeks. Students will consider classical questions that geometers have posed throughout Western history.

Required: straightedge, protractor, compass, and TI-83 or TI-84 calculator

Textbook: Jacob’s *Geometry*

INTERMEDIATE MATH (7TH)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

This course is designed to serve as the beginning of the transition from arithmetic to higher order mathematical thinking. This class includes strong emphasis on mastering skills such as performing basic operations and working with fractions and decimals as well as introductions to new concepts in problem solving. Students are taught the importance of orderliness and discipline, paving the way to confidence and success in both math and life.

Textbook: Hake's *Saxon Math Course Two*

PRE-ALGEBRA (7TH - 8TH)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: INTERMEDIATE MATH OR TEACHER APPROVAL

In an incremental, integrated approach, students are guided through different methods of problem solving and build a solid foundation in preparation for Algebra I. Students learn basic algebraic and geometric concepts such as order of operations, ratios, exponents, functions, proportions, distributive property, solving equations, finding area, perimeter, and volume, using the Pythagorean Theorem, properties of triangles, and slope of a line.

Textbook: Hake's *Saxon Math Course Three*

TRIGONOMETRY / PRE-CALCULUS (11TH - 12TH)

HIGH SCHOOL CREDIT: 1 MATH CREDIT

PREREQUISITE: GEOMETRY AND ALGEBRA II

This Trigonometry/Pre-Calculus course is designed to master advanced algebra, trigonometry, and beginning calculus. The format of this class is traditional in nature, with the instructor teaching lessons using definitions, formulas, and sample problems. Students who successfully complete this course should be able to understand and apply the following concepts: trigonometric functions and their inverses; trig identities; rectangular and polar coordinates; the unit circle; degree and radian measures; logarithms; sinusoids; limits; vectors; derivatives; conic sections; and more.

Required: TI-83 Plus or TI-84 Plus graphing calculator

Textbooks: *Algebra and Trigonometry* (Blitzer), *Saxon Calculus*

SCIENCE

ANATOMY & PHYSIOLOGY (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 LAB SCIENCE CREDIT

PREREQUISITE: BIOLOGY

Anatomy and Physiology covers the structure and function of the human body. This course is organized to follow a logical sequence through the eleven systems of the human body, while supporting the belief we are fearfully and wonderfully made. Students become acquainted with the various levels of organization of the human body through hands-on activities, slides, and dissections.

Textbook: Hole's *Human Anatomy and Physiology*

*Note: The Oklahoma state requirement for CPR/AED training is included in this course.

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BIOLOGY (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 LAB SCIENCE CREDIT

PREREQUISITE: NONE

This course is the foundation for other biology-related courses. The text covers scientific methods, ecology, cells, genetics, biological diversity, history of life, bacteria, viruses, protists, fungi, plants, and zoology. Along with class lectures and discussions, there are numerous lab experiments including hands-on activities, slides, and dissections.

Textbook: *Glencoe Science: Biology*

CHEMISTRY (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 LAB SCIENCE CREDIT

PREREQUISITE: ALGEBRA I

This course examines atomic theory, stoichiometry, solutions, energy, gas laws, kinetics, equilibrium, and other aspects of our world work and how chemistry relates to it. The objective is to show students the importance of chemistry in the major areas of study, as well as in their daily lives, and how chemistry provides the basis for much of what goes on in our world. Along with class lectures and discussions, students engage in lab experiments and hands-on activities.

Textbook: *General Chemistry* (Mays)

LIFE SCIENCE (7TH GRADE)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

This course gives a comprehensive introduction to cells, genetics, microbiology, plants, invertebrates, vertebrates, ecosystem, and the human body. Hands-on lab experiments enhance the student's skills in observation and analysis and their appreciation of God's creation.

Textbook: *Life Science for Christian School* (BJU)

MARINE BIOLOGY (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 LAB SCIENCE CREDIT

PREREQUISITE: BIOLOGY

This course is ideal for students who have completed Biology and would like to take another class in the life sciences. It gives an up-close look at peculiar creatures and exotic environments that exist in the wonderful world below the surface of the earth's ocean. This course covers marine vertebrates and invertebrates, intertidal zones, estuary communities, coral reefs, continental shelf communities, deep ocean habitats, and more. Along with class lectures and discussions, there are numerous experiments including hands-on activities, slides, and dissections.

Textbook: *Exploring Creation with Marine Biology* (Apologia)

PHYSICAL SCIENCE (8TH GRADE)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

This course is essentially a survey of science, with an emphasis on chemistry and physics. The purpose of this course is to equip students to apply reasoning skills in studying science while acknowledging God's design in

the universe. Students engage in observation, measurement, and analysis, and learn to prepare lab journals and reports.

Textbook: *Physical Science: A Mastery-oriented Curriculum* (Mays)

PHYSICS (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 LAB SCIENCE CREDIT

PREREQUISITE: ALGEBRA I

Students in this course study the nature of materials through physics. The study includes motion, friction, torque, forces, energy, momentum, and other concepts and laws that deal with our physical world. Students discover a deepened understanding and faith in our Creator God through the application and observation of these laws.

Textbook: *Introductory Physics* (Mays), *College Physics* (OpenStax College)

VISUAL & PERFORMING ARTS

ADVANCED ACTING (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT

PREREQUISITE: INTRODUCTION TO THEATER

In Advanced Acting, students develop both individual and ensemble acting skills. Students study and practice techniques from significant, celebrated acting teachers, read several modern plays, and perform scenes from those plays. Students participate in daily acting exercises, fill an actor's journal with valuable insights, and culminate their learning in the development and performance of a one-act play.

*Note: This course is offered every other year.

ART THROUGH HISTORY (7TH - 8TH)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

This course encompasses the history of art from cave paintings to the contemporary artists of today. Students are introduced to the great masters as well as pioneers of the modern art movements and complete art projects in their styles and mediums. Students use a wide variety of mediums and come to appreciate the process involved in creating a work of art. Students see that art is an influencer as well as an expression of the history and society around it.

INTRODUCTION TO THEATER (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT

PREREQUISITE: NONE

This class is for students wishing to enhance their classical education through the study of theater and acting. This class has a dual emphasis. The first hour is focused on the academic study of theatre: theatre history, great dramatic works, and significant playwrights. During our second hour, students learn and practice the particular skills of acting in a "workshop/studio" setting. Students increase their acting skills through participation in various exercises and the development of a monologue and duet scene.

MUSICAL THEATER (7TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT (9TH-12TH)

PREREQUISITE: NONE

Musical Theatre is a class where students receive a foundation in voice, acting and dance that will help them improve their craft, build confidence, and grow in personal character. Students learn vocal performance skills, the basic steps of various dance disciplines, music theory, and keyboarding. In addition, several performance opportunities are offered.

*Note: Seventh and eighth grade students do not receive high school credit for this class.

OPEN STUDIO (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT

PREREQUISITE: STUDIO ART OR TEACHER APPROVAL

Open Studio is an independent study course providing students with the opportunity to extend and develop existing skills in drawing and painting. Students meet with the instructor to design specific requirements per individual student for finished pieces.

PERFORMING SHAKESPEARE (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT

PREREQUISITE: INTRODUCTION TO THEATER

Many high school students read, discuss, and even write papers on Shakespeare's plays, but few learn the techniques of how to perform Shakespeare. In this class, students not only learn to appreciate and identify the literary components of Shakespeare's plays, but also study a classical acting technique that will enable them to pick up almost any Shakespeare script and have the tools to act that script with confidence. Students cover the entire canon of Shakespeare's plays, develop both a monologue and scene for performance, and learn how to read, recite and understand the Bard's work in a deeper way.

*Note: This course is offered every other year.

PRE-PROFESSIONAL ACTING (11TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT

PREREQUISITE: INTRODUCTION TO THEATER,

AND PAST OR CONCURRENT ENROLLMENT IN ADVANCED ACTING OR PERFORMING SHAKESPEARE

Pre-professional Acting is an independent study course held in conjunction with Performing Shakespeare or Advanced Acting class. The course is designed for students who have already taken other ACA theater classes but desire to continue or enhance their study of acting. Students read plays, develop monologues, perform scenes, and participate in acting exercises with the adjoining acting class students.

SHOW CHOIR (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT

PREREQUISITE: BY AUDITION ONLY

Show choir is an advanced performance choir for male and female high school students who have a willingness to lead and a desire to minister through music. This course emphasizes a combination of singing, dancing, and performing skills. This course may be taken for four years. The show choir performs at school functions and at several community events.

*Note: The purchase of performance attire may be required.

STAGECRAFT (8TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT (9TH-12TH)

PREREQUISITE: NONE

During this course, students explore the basics of set design as used in common theaters. Furthermore, they gain practical experience by actually designing and building sets and property pieces for school productions. Along the way, students are taught safety skills as well as basic construction and craft techniques.

Textbooks: Holt's *Stage Design and Properties* and Carter's *The Backstage Handbook: An Illustrated Almanac of Technical Information*

STUDIO ART: EXPLORING MEDIUMS (9TH - 12TH)

HIGH SCHOOL CREDIT: 1 FINE ARTS CREDIT

PREREQUISITE: NONE

Students move from writing to drawing with both pencil and charcoal. Students then progress to the techniques available with colored pencil, including an introduction to color. Students learn to use the brushes and develop the four basic techniques of watercolor. They transfer these skills and expand on them with acrylics and different supports.

ELECTIVES

- *Any class taken in addition to required credits may count as a general elective.*
- *STEM electives may come from additional math or science courses or any course approved by the administration as a STEM elective.*

COMPUTER CONCEPTS (7TH - 8TH)

HIGH SCHOOL CREDIT: NONE

PREREQUISITE: NONE

Basic, academic-related computer skills are becoming increasingly necessary for student success and should be mastered before high school. In this course students practice keyboarding skills; become more proficient in using Google Classroom, Docs, and Slides; learn proper MLA format, including citing sources; and discover how to conduct online research with discernment. Additionally, students learn online etiquette and digital citizenship.

*Note: This course may not be offered every year

DIALECTIC HEALTH AND HOME COOKING (7TH- 8TH)

HIGH SCHOOL CREDIT: NONE

Prerequisite: none

This course builds practical life skills in a fun and engaging way. Students develop confidence by learning basic cooking techniques, reaching individualized fitness goals, and discovering their own thoughts on modern health topics and issues. Students also take part in field trips, class challenges, and cook-offs.

*Note: This course requires a \$100 lab fee to cover groceries, aprons, materials, award pins, and field trip expenses.

ECONOMICS (10TH - 12TH)

HIGH SCHOOL CREDIT: 1 ELECTIVE CREDIT

PREREQUISITE: NONE

A sound understanding of the principles of economics is an essential foundation for the forms and freedoms we enjoy as Americans. By contrasting differing systems and philosophies with their respective historical track records in light of Scripture, students gain a right understanding and practical applications of economic ideas and policies. This course also gives students proficient knowledge and wisdom in handling personal finances.

Textbooks: Kirk's *Economics* (BJU), *Work and Prosperity in Christian Perspective*

*Note: This course meets the graduation requirement for Personal Financial Literacy.

FILMMAKING (9TH-12TH)

HIGH SCHOOL CREDIT: 1 ELECTIVE CREDIT (9TH-12TH)

PREREQUISITE: NONE

Filmmaking studies the art of cinema in both an academic and studio setting. Students study the eight major aspects of filmmaking by analyzing the characteristics, works, and examples of each division. Students will also learn camera operation, directing, scriptwriting, lighting and sound operation.

YEARBOOK & JOURNALISM (8TH - 12TH)

HIGH SCHOOL CREDIT: 1 ELECTIVE CREDIT

PREREQUISITE: TEACHER APPROVAL

Students in this class are historians, journalists, and artists putting together a photojournalistic book. In this course, students gain skills in the following areas: page layout and design, publishing techniques, copywriting, editing, photography, record keeping, time management, teamwork, marketing, and leadership skills, coming together to produce a timeless and creative publication which will record our school's unique community. Applicants must demonstrate proficient writing and grammatical skills.

OTHER GRADUATION REQUIREMENTS

COLLOQUIA

Colloquia are small discussion groups, similar to a book club, meeting outside of the normal classroom and are open to 9th-12th grade students. Each colloquium studies one work of literature, art, or topic of interest, and is offered by a faculty or alumni mentor. The scope is limited and the required work is minimal. It is a means for faculty to meet students on equal footing as life-long learners and pursuers of goodness, truth, and beauty. See diploma track requirements for the required number of colloquia points. (Most colloquia are worth three colloquia points.)

CPR/AED TRAINING

CPR/AED training is required by ACA and the state for high school graduation. It can be fulfilled at ACA by taking a CPR/AED Colloquium, or within the class Anatomy and Physiology.

INTERNSHIPS AND PROJECTS

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Internships are required for Performing Arts and STEM diplomas. A ministry project is required for the Biblical Studies diploma. Please see diploma requirements and department heads for details.

PERSONAL FINANCIAL LITERACY

PFL is required by ACA and the state for high school graduation. It can be fulfilled in several ways at ACA. The requirement can be met through a class that includes it (Consumer Math or Economics). It can also be fulfilled by completing a PFL Colloquium, or it can be met by taking a course online (see Academic Counselor for approved options).

US CITIZENSHIP EXAM

Passing the US Citizenship Exam is required by ACA and the state for high school graduation. The test covers basic information about America's history and government that all citizens should know. This test will be administered at ACA in the US History class.

DIPLOMA TRACKS

Students choose one of six diploma tracks: Advanced Classical, Advanced Biblical Studies, Advanced STEM, Performing Arts, Standard Classical, or Homeschool Diploma. Full-time and part-time students are encouraged to review diploma requirements (and prepare a four-year projection plan if in the school of Rhetoric) with the Academic Counselor before selecting classes. Please see the current Secondary Class Schedule for the current year's class offerings, meeting days and times.

Advanced Classical Diploma*	Advanced Bible / Ministry Diploma*	Advanced Language Diploma*
4 History	4 History	4 History
4 Mathematics	3 Mathematics	3 Mathematics
4 Lab Science	3 Lab Science	3 Lab Science
3 Literature	3 Literature	3 Literature
4 Classical Language (Latin, Greek, Hebrew, Biblical Languages, Reading French & German)	4 Classical Language (Must include Hebrew, Greek, or Biblical Languages)	6 Classical Language (4 Classical & 1 Level III, Biblical Languages, Homeric Greek, Reading French & German)
2 Bible	4 Bible	2 Bible
2 Rhetoric	Rhetoric I	Rhetoric I
2 Visual & Performing Arts	2 Visual & Performing Arts	2 Visual & Performing Arts
Logic	Logic	Logic
Technology	Technology	Technology
Rhetoric Composition & Grammar	Rhetoric Composition & Grammar	Rhetoric Composition & Grammar
	1 Additional Math or Science	1 Additional Math or Science
Senior Thesis	Senior Thesis	Senior Thesis
	A Ministry or Mission Project	
Personal Financial Literacy & CPR Colloquium (REQUIRED to graduate with ACA)	Personal Financial Literacy & CPR Colloquium (REQUIRED to graduate with ACA)	Personal Financial Literacy & CPR Colloquium (REQUIRED to graduate with ACA)
29 Total Units	29 Total Units	29 Total Units
Minimum of 24 ACA units	Minimum of 24 ACA units	Minimum of 24 ACA units
6 Colloquia points per year attending (1/2 classical)	6 Colloquia points per year attending (2 ministry approved)	6 Colloquia points per year attending
ACA Graduation ACA Diploma ACA Transcript	ACA Graduation ACA Diploma ACA Transcript	ACA Graduation ACA Diploma ACA Transcript
Receives special honors at Graduation	Receives special honors at Graduation	Receives special honors at Graduation
Receives Chromebook & \$1000 scholarship	Receives Chromebook & \$1000 scholarship	Receives Chromebook & \$1000 scholarship

DIPLOMA TRACKS

Advanced STEM Diploma*	Performing Arts Classical Diploma	Standard Classical Diploma
4 History	4 History	4 History
4 Mathematics	3 Mathematics	3 Mathematics
5 Lab Science	3 Lab Science	3 Lab Science
3 Literature	3 Literature	3 Literature
2 Classical Language (Latin, Greek, Hebrew, Biblical Languages)	2 Classical Language (Latin, Greek, Hebrew, Biblical Languages)	2 Classical Language (Latin, Greek, Hebrew, Biblical Languages)
2 Bible	2 Bible	2 Bible
Rhetoric I	Rhetoric I	Rhetoric I
2 Visual & Performing Arts	4 Visual & Performing Arts (3 at ACA)	2 Visual & Performing Arts
Logic	Logic	Logic
2 Technology	Technology	Technology
Rhetoric Composition & Grammar	Rhetoric Composition & Grammar	Rhetoric Composition & Grammar
1 STEM Elective or STEM Internship	1 Additional Unit of Math, Science, or Literature	2 Additional Units of Math, Science, or Literature
Senior Thesis	Senior Thesis	Senior Thesis
	3 ACA Senior Productions 2 ACA PA Internships	
Personal Financial Literacy & CPR Colloquium (REQUIRED to graduate with ACA)	Personal Financial Literacy & CPR Colloquium (REQUIRED to graduate with ACA)	Personal Financial Literacy & CPR Colloquium (REQUIRED to graduate with ACA)
29 Total Units	27 Total Units	26 Total Units
Minimum 24 ACA units	Minimum of 20 ACA units	Minimum 15 ACA units
6 Colloquia points per year attending	3 Colloquia points per year attending, (1 PA approved)	3 Colloquia points per year attending
ACA Graduation ACA Diploma ACA Transcript	ACA Graduation ACA Diploma ACA Transcript	ACA Graduation ACA Diploma ACA Transcript
Receives special honors at Graduation	Receives special honors at Graduation	
Receives Chromebook & \$1000 scholarship		