

Inverness Christian Academy

Upper School

Course Descriptions

7th grade

History of the World

From the beginning of the world to today's modern way of life, use *History of the World* to show your child that "the most important part of a culture is how people relate to God." This text uses a narrative form to escort your child through the halls of history discussing the Egyptians and their pyramids, Rome and its empire, Johann Guttenberg and his printing press, America and the Industrial Era, the World Wars, and more.

English 7 (Literature, Writing and Grammar, and Vocabulary/Spelling)

Foster a love of literature with this compilation of selections based on pioneers, pilgrims, patriots, professional athletes, and many other exciting people in *Of People*. With excerpts from famous books such as *The Jungle Book*, *Robinson Crusoe*, *Little Women*, *A Christmas Carol*, and more, your class will gain an understanding of people from different ages, cultures, and economic backgrounds. *Of People* presents literature from a Christian perspective, teaching students truths about the world, man, and God through the filter of Scripture. These stories guide your students to discern people's motives and feelings while recognizing the consequences of particular actions.

Help your students master and apply proper grammar mechanics to their writing assignments with *Grammar and Composition I*. Review punctuation, capitalization, parts of speech, verb usage, and sentence structure to blaze the trail for writing a variety of compositions, research papers, and book reports. This work-text walks your students through the steps of writing such as being parallel in their outline, having the correct point of view, using parenthetical citations, and preparing a works cited page. Help your students be effective communicators by perfecting their writing skills.

While your child works hard at mastering the words and definitions from his spelling lists each week, this book helps reinforce the correct usage of those words. With twenty-eight weekly quizzes and four quarterly review quizzes, your child's spelling and vocabulary skills will be evaluated and strengthened. Some of the exercises include applying spelling rules, using words in correct context, recognizing synonyms, and underlining misspelled words. You will also find eight well-known poems for recitation and memorization to enhance your child's appreciation of poetry.

Life Science

From taking a look at the things you might find in your backyard to the species that occupy the rainforest, your child will receive a greater understanding of the beautiful world that God has created. Other topics included are healthy living, the miraculous stages of a baby's development, exploring the animals of the sea, the intricate designs of the plant life, and more! Section reviews are included to support the information that your child has learned in each lesson.

Basic Mathematics

From percentages and problem solving to personal finances and the Pythagorean rule, help your child review concepts from previous years, and jump into new ideas to prepare him for algebra. *Basic Mathematics* reviews fractions, decimals, percentages, and applies them to life situations such as taxes, income, and insurance. Advance into algebra through work with polynomials, square roots, and simplifying equations. Basic geometry and trigonometry are introduced in problem solving exercises to encourage application of concepts. With daily exercises, examples, review exercises, Problem Solving Strategies, and a glossary of terms, this work-text gives your child the tools to advance his mathematical understanding.

8th Grade

US History

There will be no “I don’t like history” comments when your teen reads this text! He will love the narrative style of the text and the many illustrations, maps, and photographs that invite him to explore the past and learn about the personalities and events that shaped the American character. He will be inspired as he studies the faith, patriotism, and moral conviction of many great Americans.

English 8 (Literature, Writing and Grammar, Vocabulary/Spelling)

No study of literature is complete without exposure to classic authors such as Robert Frost, Rudyard Kipling, O. Henry, Washington Irving, and many more. *Of Places* will take your child on a world-wide adventure as he journeys through the life of Corrie ten Boom in *The Hiding Place*, fact and fiction to find Paul Bunyan’s *flapjack griddle*, the headless horseman of *Sleepy Hollow*, and Mowgli’s friends from *The Jungle Book*. Several selections based on missionary and military adventures promoting character-building qualities such as perseverance, sacrifice, and courage. Build your child’s enjoyment of literature while teaching him to understand different literary devices and discern different values in each story.

Dive deeper into higher grammar concepts and composing exercises featured in this work-text. Introduce your 8th grader to noun clauses, gerunds, and infinitives, while reviewing the 8 parts of speech plus diagramming. With multiply exercises, including 67 original sentence-writing exercises, help your child develop an excellent grasp of grammar. In addition, 22 composition practices are included to prepare your 8th grader with his research paper on a great American.

Master new vocabulary words and practice presenting poetry from Vocabulary, Spelling, and Poetry II. This text includes 28 Word Lists that each contain 20 spelling words and 10 vocabulary words with definitions that correspond with selections from the 8th grade literature text—*Of Places*. These lists include exercises that help your child understand and apply spelling rules, use words in the correct context, and recognize homonyms, synonyms, and antonyms. This new edition features additional exercises that involve higher-level thinking such as analyzing prefixes, suffixes, and roots, plus answering analogy questions related to the text. Increase your child’s credibility through correct spelling well-rounded vocabulary, and an appreciation of poetry.

Earth/Space Science

From earthquakes and volcanoes to clouds and galaxies, show your child the features of God's Creation here on earth as well as the Great Beyond with *Science: Earth and Space!* This textbook guides your child through a study of geology, oceanography, meteorology, astronomy, and environmental science. A thorough study of rocks, soil, and fossils will give your child ample proof that this earth was created by God and not through the evolutionary processes. This new edition features additional labs and demonstrations, engineering design, math connections, connections to other branches of science; all that your child need to develop a strong scientific reasoning. Complete with chapter reviews, interesting pictures, and clear diagrams, your child will finish 8th grade science with a detailed understanding of earth and space science.

Pre-Algebra

Bridge the gap between basic arithmetic and a more advance study of mathematics with *Pre-Algebra*. This work-text includes a cumulative study of previously learned concepts plus introductions to multiplying and dividing polynomials, complementary and supplementary angles, buying stocks and bonds, algebraic word problems, and more. With daily exercises, examples, review exercises, Problem Solving Strategies, charts and tables, and a glossary of terms, your child will be equipped with the tools to succeed in *Pre-Algebra!*

9th Grade

World Cultural Geography

Present a physical-cultural study of the earth and mankind in one semester with *World Geography in Christian Perspective*. This textbook travels all over the globe with over 250 photographs to exhibit many different cultures and geographical features. Each chapter displays continents and their features such as vegetation and wildlife, national flags and profiles, cultural insights, famous locations, and famous people that have lived on that continent. Section and chapter reviews plus over 30 detailed maps within the text give your child a plethora of information to develop a firm grasp of geography and cultures.

English I (Literature, Writing and Grammar, and Vocabulary/Spelling)

Learn to critically analyze works of literature to discover the theme of the work as emphasized in *Themes in Literature*. This compilation includes selections from classic works such as *Hamlet*, *Up from Slavery*, *Wind in the Willows*, *Great Expectations*, and many more. These selections greatly emphasize 11 themes, some of which include humility, justice, faith, and love; and your child will learn to recognize the thematic elements within the work. Vocabulary words, introductions to selections, and comprehension questions will encourage your child to read with speed and accuracy and apply the character-building traits to his life.

Practice with active and passive verbs, perfect paragraph unity and coherence, and improve choppy and stringy sentence writing with *Grammar and Composition III*. This work-text includes daily exercises for your child to practice punctuation, capitalization, recognize and properly use parts of speech, and apply those concepts to write clear and concise compositions. Further work with clauses and diagramming will help your child correctly construct sentences. With ample examples and practice exercises plus a handbook of grammar rules, this work-text provides the perfect tools for enhancing your child's language abilities.

This work-text includes 24 Word Lists and 4 Review Lists that each contain 20 spelling words and 10 vocabulary words with definitions that correspond with selections from the 9th grade literature text—*Themes in Literature*. These lists include exercises that help your child understand and apply spelling rules, use words in the correct context, and recognize synonyms and antonyms. Ten well-known poems are also included for recitation and memorization to enhance the appreciation of poetry.

Biology w/lab

Truly non-evolutionary in philosophy, spirit, and sequence of study, this 544-page text begins with the familiar, tangible things of nature and concludes with God's amazing design at the cellular and chemical level. Abstract concepts are tied to concrete examples through clear, easy-to-read explanations, laying a firm foundation for future studies in chemistry, physics, and other fields. Along with academic knowledge, your teen will gain a greater appreciation for God's physical creation and an increased interest in science. Key concepts listed at the head of each chapter, pronunciation helps, bold key terms, vivid photographs, full-color diagrams, section reviews, and chapter reviews aid learning and enjoyment. The text will lead your teen through a study of botany, zoology, microbiology, human anatomy and physiology, cytology, genetics, and ecology that reflect the latest advances in man's understanding of living things without neglecting a foundation in the basics.

Health

Give your child the tools to develop good spiritual and physical health with *Health in Christian Perspective*. This textbook emphasizes staying healthy through proper diet, exercise, and personal hygiene; also, this text gives tips for preventing disease and administering first aid. Biblical discernment is also encouraged as it applies to health regarding suicide, abortion, euthanasia, and organ donation. With 12 articles on different positions in the medical field, your child may develop a passion for helping others. Encourage your child to be healthy physically and more importantly spiritually through the one semester study of *Health in Christian Perspective*.

Algebra I

Algebra 1 Student Text, 2nd ed. presents algebra topics in a logical order with detailed examples to promote student comprehension. Numeric and algebraic expressions are simplified before solving and graphing linear equations, inequalities, and their systems. Polynomials, rational expressions, radicals, and solving rational and quadratic equations are also covered. Special features focus on probability, statistics, historical figures, and scriptural connections.

10th Grade

World History

From the beginning of civilization to the 20th century rise of globalism, *World History and Cultures* enables your child to see God's purpose and plan in human events. Your child will study the beginning of nations at the Tower of Babel, the beginning of writing in Sumer, the rise of republican government in Rome, the revival of humanities in the Renaissance, the rise of exploration from Europe, and the consequences of Communism in Russia. With timelines of events, over 300 photographs of important people and places in history, section and chapter reviews, plus maps of the world, your child will have a firm grasp of world events and cultures.

English II (World Literature, Writing and Grammar, and Vocabulary/Spelling)

Enjoy, appreciate, and analyze classic literature with this anthology of *World Literature*. This compilation is divided into 2 sections—the first half focuses on giving your child specific examples of literary devices such as character development, plot, figurative language, theme, rhyme and rhythm, paradox, setting, and more. The second half gives a chronological study of literature from the Ancient East and Classical Greece to the Reformation and the Modern Age. Teach your child literary devices and then help him evaluate those in works such as *Paradise Lost*, *Julius Caesar*, *Don Quixote*, *Antigone*, and many more. Background information, introductions, vocabulary words, and comprehension questions promote appreciation and application of these classic selections.

Physical Science

Prepare your child for chemistry and physics through the foundational principles taught in *Science: Matter and Energy*. Start out with scientific measurements and the different forms of matter and graduate into the foundations of chemical reactions and properties of magnets and electricity. With proofs for Creation, section and chapter reviews, and over 500 pictures, charts, and graphs, your child will be able to smoothly transition into chemistry from his study of *Science: Matter and Energy*.

Algebra 2

Algebra 2 covers concepts such as linear, quadratic, polynomial, radical, and rational functions, exponential and logarithmic functions, and probability and statistics. Complex numbers are also covered throughout the text.

Two new chapters cover matrix features and sequencing and series. New features include carefully selected Internet keyword searches for helping students locate online tools and enrichment, college entrance test preparation questions, Technology Corners emphasizing the use of graphing calculators and spreadsheets, and optional programming projects.

11th Grade

American History

A narrative study of American history from the time before there were boundaries and state lines all the way to America's involvement in space exploration. Show the events, wars, inventions, and more that have ushered America into being one of the most powerful countries in the world. This text presents the stories of hundreds of influential people that have made a difference in American history. With over 300 pictures, 30 descriptive timelines, 79 maps, and section and chapter reviews, this text gives your child an accurate picture of the triumphs and successes within American History.

English III (American Literature, Writing and Grammar, Vocabulary/Spelling)

Launch into literature with the exciting stories from Mark Twain, Washington Irving, Edgar Allen Poe, and many more. *American Literature* is a compilation of short stories, poems, and other selections that are organized by genre to exemplify the specific characteristics of the time period. Learn about the dialects in American legends, irony and satire in the short stories, local color writing during the Realistic period, and the rich imagery during the Romantic Era. With detailed information about the authors and their writing ability, literary terms and definitions, and many selections of American art, this text gives an excellent portrayal of American Literature.

Give your students a consolidated, invaluable tool to learn, review, or reference grammar rules and writing procedures with the *Handbook of Grammar and Composition*. From basic punctuation and capitalization rules to writing research papers and citing references, this text gives the stated rule with examples to follow. Used in the 11th and 12th English courses, this handbook provides a complete treatment of the elements necessary for clear and effective writing. Comes with a supplemental workbook with extra exercises for grammar practice.

This text puts an emphasis on the origin of vocabulary words; word analysis through the study of prefixes, roots, and suffixes; word analogies; synonyms and antonyms; and classic poetry. This text is broken down into 12 units; each unit includes 12 vocabulary words, 2 sets of 15 spelling words, a list of prefixes, roots, and suffixes; and 5 word exercises to help implement new concepts. Nine well-known poems are also included for recitation and memorization to enhance the appreciation of poetry.

Chemistry w/lab

Present molecular and descriptive chemistry from a Creation-based, Christian perspective with *Chemistry: Precision and Design*. Start off with subatomic particles and the periodic table and graduate into balancing chemical equations and understanding chemical bonds. Learn about metals and nonmetals, solutions and colloids, and chemical thermodynamics and kinetics. With almost 400 figures and charts, Section and Chapter Reviews, and 32 articles that relate chemistry to everyday-life, your students will develop an understanding and appreciation for chemistry.

Geometry

Enhance your student's problem-solving abilities through the study of geometry. Geometry helps develop thinking processes that are essential for future math courses and for everyday life. The geometry program by BJU Press is traditional in nature, requiring students to prove theorems and calculate with formulas. Each lesson reinforces geometry concepts and helps develop critical thinking skills. *Geometry Student Text* (4th ed.) contains lessons that thoroughly develop key concepts, provide detailed examples to promote student comprehension, and integrate practical applications. Expanded exercise sets are graded by three levels of difficulty to allow for differentiated assignments.

12th Grade

American Government

Show your child the firm Christian foundation that the United States was founded upon through the one-semester study of *American Government*. With a detailed presentation of the Constitution and Bill of Rights, your child will be able to see the emphasis on limited government that was intended by the Founding Fathers. Clearly display the 3 branches of government along with the responsibilities that citizens have to the government. Complete with section and chapter reviews, profiles on great Americans, and over 150 pictures and graphs to explain government processes and procedures, your child will see how the United States' government allows her citizens the "unalienable rights" of "life, liberty, and the pursuit of happiness."

Economics with Personal Financial Literacy

Study the choices that societies make regarding the production, distribution, and consumption of goods with *Economics: Work and Prosperity*. This one-semester course explains the economic principles of production, supply and demand, competition, inflation, and saving. Show the link between economic freedom and political and individual freedom by encouraging free-enterprise capitalism and moral responsibility with money. With questions to consider, chapter reviews, bold terms, and a glossary, give your students principles that will help them make informed money-management decisions.

Personal Financial Literacy - Based on data taken from natural microeconomics applications and macroeconomics principles, this book covers many personal financial topics to better prepare students for the life-choices that lie ahead of them. Some of the topics include: cost and benefits of buying a new vs. used car, assessing the future benefits of a college education, using credit cards wisely, financing the purchase of a home, and many more real-life topics! Equip your teen with moral economics principles with this supplement and prepare them for a bright future!

English IV (English Literature, Writing and Grammar, Vocabulary/Spelling)

Present a chronological study of English Literature with this anthology. Journey from the Anglo-Saxon Period with *Beowulf* to *Pygmalion* in the Twentieth Century. *English Literature* includes works from famous authors such as Geoffrey Chaucer, Christopher Marlowe, Daniel Defoe, Elizabeth Barrett Browning, and many more. Your child will learn about literary devices such as the aside, comic relief, the kenning, the ode, the rondeau; and different literary forms such as the lyric and epic poem, the allegory, and Romantic

and Victorian poetry. Prepare your child for college as he reads these famous works and learns to analyze, enjoy, and appreciate them.

Give your students a consolidated, invaluable tool to learn, review, or reference grammar rules and writing procedures with the *Handbook of Grammar and Composition*. From basic punctuation and capitalization rules to writing research papers and citing references, this text gives the stated rule with examples to follow. Used in the 11th and 12th English courses, this handbook provides a complete treatment of the elements necessary for clear and effective writing. Comes with a supplemental workbook with extra exercises for grammar practice.

Stimulate your child's analytical and memorization skills with *Vocabulary, Poetry VI*. This text puts an emphasis on the origin of vocabulary words; word analysis through the study of prefixes, roots, and suffixes; word analogies; synonyms and antonyms; and classic poetry. This text is broken down into 12 units; each unit includes 12 vocabulary words; a list of prefixes, roots, and suffixes; and 5 word exercises to help implement new concepts. Ten well-known poems are also included for recitation and memorization to enhance the appreciation of poetry.

Anatomy / Physiology

This advanced college-preparatory course covers both the anatomy and physiology of each of the human body's organ systems for those students who have successfully completed high school biology and chemistry. Please note that the reproductive system is covered in detail, including accurate yet respectful illustrations and descriptions.

Pre-Calculus

Equip your students for college with precalculus skills. Lessons emphasize functions, graphing, and trigonometry throughout and introduce differential calculus.

Scroll down for electives

Electives

Business Math

Give your child the tools to see if running a business is something that interests him. *Business Mathematics* gives the basic principles of how to manage a business, investments, banking, and income taxes. This work-text comes complete with exercises to help your child understand concepts such as accounts receivable and payable, bookkeeping, the New York Stock Exchange, corporate bonds, and small business loans. With detailed descriptions, examples, and ample practice problems, your child could be on his way to becoming a business owner.

Spanish I

Spanish 1 (3rd Edition) Student Text takes an innovative and engaging approach to help students not only learn about Spanish, but learn to communicate at a novice-high level. All chapters present vocabulary and grammar within the context of the theme. Cultural studies infuse the text from the artwork down to the activities, with a heavy focus on developing a biblical worldview.

Spanish 2

In *Spanish 2*, students learn to communicate comfortably at an intermediate level with Spanish-speaking people in a variety of setting: a store, a bank, an airport, a hotel, a doctor's office, an auto shop, and on the mission field. Grammar, pronunciation, writing, listening, verb tenses, and moods are emphasized in a variety of exercises and Spanish dialogues.

American Sign Language I and II

Make no mistake about it... when venturing into the world of American Sign Language, the first thing you must understand is that ASL is its own language. It is different from English. ASL is also not like other Signing Systems. Like any other Language, ASL contains its own unique rules of syntax, phonology, grammar, etc. To become fluent in the ASL language, you must first be armed with these essential rules and terminology.

Art I

Art I is a year-long course, offering instruction on a variety of two and three-dimensional art mediums. Students will have opportunities to enter art work into FACCS competitions for our school, as well as the county fair competitions.

Art II

Art II is a continuation of instruction from Art I, but is reserved for students with an identified art talent by the art instructor. The program is customizable to each student, based on his/her strengths and interests. Art competition is also open to these advanced students through FACCS and county fair competitions.

Mandarin Chinese I

This course is an introduction to Mandarin Chinese, the official language of China. The emphasis will be on spoken Mandarin. Students will learn how to handle everyday situations, explain their life, family, interests, pastimes and more and they will also learn how to inquire about the same. Although oral communication will be our focus, learning to read and write simplified Chinese characters (and pinyin) will also be an important part of the class. Together we will explore many interesting aspects of Chinese culture and history. (Mandarin II to be offered in '19-'20)

Band

Band class is for both beginning band students, as well as intermediate-level students. No experience is necessary; however, band students must be able to secure a standard band instrument by the second week of school – either by purchase, or by rental. The instructor will work with beginning students the first week in choosing an appropriate instrument for the student. Students will have performance opportunities in school productions and, in some cases, FACCS fine arts competitions. Band is reserved for standard band instruments only, with standard band instrumentation music being used. Common instruments are flute, clarinet, alto saxophone, trumpet, trombone, and percussion. Other possibilities could be piccolo, oboe, bass clarinet, tenor saxophone, French horn, and tuba.

Teachers for Tomorrow

Teachers for Tomorrow is a program from Bob Jones University for high schoolers who are interested in possibly studying to become a teacher. There are 30 weeks of teaching from 30 master teachers from across the country (Mrs. Riley teaches week #3 – Classroom Organization). Besides the great weekly lessons from the master teachers, each on a separate topic on teaching geared for high school students, students in the class will also do teacher observations within our school and even outside ICA, and will have the opportunity to assist a teacher. Want college credit? For only \$50, students can choose to earn 3 college credits from BJU (ED 100 – Introduction to Education). Since BJU is regionally accredited through SACS, the 3 credits would easily transfer to any college. This is a wonderful opportunity!

Keyboarding

Though typing/keyboarding class is generally listed as an elective, in today's age of technology keyboarding is an essential life skill! Computers—and thus the skill of keyboarding—are indispensable. Regardless of your high schooler's previous exposure to keyboarding, this practical book begins with the basics to provide the foundation for excellent technique from which speed and accuracy flow.

Yearbook / Journalism

Most of the year of this class will involve the creation and production of our school yearbook. Students will work with yearbook software, cameras, use their creativity and writing skills to help create a quality product for our students to remember for years to come! The time that is not spent directly on yearbook will be used to work on special print journalism products for the school.

Physical Fitness (PE)

Students will learn the basics of physical fitness, such as stretching, warm-up exercises, running, and various physical preparations at the beginning of each class. At times during the year, there may be a special focus on physical fitness testing for various national programs. However, after the daily warm-up, most of the physical fitness class time will be spent teaching various sports throughout the year, giving all students a chance to put their knowledge to use in game situations during PE.

Health Science Academy

Two years of planning have gone into this program, that we are rolling out this year, 2018-2019. Each year we have talked to many high school students who desired to go into the medical field. The administration approached the science teachers, and the result is the ICA Health Science Academy. Due to the intensity of this course, both in scientific teaching and in practical medical instruction, this is a two-hour class per day. It will take up both 6th and 7th periods and will net two high school credits instead of the usual one credit per course. Students will learn medically-intensive anatomy curriculum in the classroom, and the students will also have field trips to local medical facilities of various types, and invite area medical personnel to ICA for special presentations and teaching. We are very excited about this program, among other new programs, as well.