



HomeLink Education Catalog of Course Descriptions 2010 - 2011

High School Courses

MATH

Saxon Algebra 1: covers all topics in a first-year algebra course, from proofs, statistics, and probability to algebra-based, real-world problems. With Algebra 1, students begin developing the more complex skills and understanding required for high school level mathematics. Saxon pretest recommended.

Advisor: Sharon Russell Text: Saxon Algebra I 3rd Edition Course length: 2 semesters, Time: 10:30 – 11:30



Saxon Algebra II This course is a traditional second-year algebra topics, as well as a full semester of informal geometry, are included with real-world, abstract and interdisciplinary applications. Topics include geometric functions like angles, perimeters, and proportional segments; negative exponents; quadratic equations; metric conversions; logarithms; and advanced factoring.

Advisor: Sharon Russell Text: Saxon Algebra II 3rd Edition Course length: 2 semesters Time: 9:00 – 10:30

Personal Finance: Students are involved in true-to-life situations of managing money. They will be shown how to create habits for responsible spending control, make daily decisions concerning money management using checking and saving accounts, and use tools as ATM/debit and credit cards. Students will use math, economics, creative writing, critical thinking and reasoning to learn how to stay out of debt and design a budget from a Biblical perspective. Grade level: 8th through 12th grade



Advisor: Sharon Russell Course length: 1 semester, 1.5 hours Materials fee/workbook: \$25.00 Time: 12:30 – 2:00

SAT Prep Math: The SAT is not a knowledge test, but a test of logic, critical thinking and reason. Students will learn the math short cuts and patterns to improve their math score. Strategies and techniques will increase their success with the College Board exam.

Advisor: Sharon Russell Materials Fee: \$5.00 Course Length: 8 weeks OFFERED SECOND SEMESTER

LANGUAGE ARTS

Basic Grammar and Composition: This course will provide a sound foundation in grammar and usage ability using the text *Easy Grammar Plus* for comprehensive novel studies covering spelling, vocabulary, comprehension, listening, grammar/punctuation, analytical and critical thinking, writing and projects through enjoyable learning in a group setting.

Text: Easy Grammar Plus Student Workbook

Advisor: Julie Thompson Course length: 1 semester Grade Level: MS/HS Time: 11:00 – 12:00



The Institute for Excellence in Writing (IEW): presents a system of structural models and stylistic techniques applicable for students of all ages and aptitudes. Unlike many creative writing programs, this classical system stresses modeling and builds a firm foundation of specific skills. As students practice each format and master each technique, they develop confidence and creativity.

Beginners IEW I: Students will improve their critical thinking and study skills as they learn to take notes, outline, create oral and written summaries, improve their vocabularies, analyze plot outlines, write basic reports and creative short stories, and “dress-up” their writing with stylistic techniques. As students master each structural model and stylistic technique, they develop greater confidence and creativity. Consequently, they may even discover that they enjoy writing! Students will use theme-based writing materials, along with their own notes and writing, to compile personal handbooks and portfolios. They will be able to take any source text and totally rewrite it in their own words, creating reports and essays.

Advisors: Jamie Gregory; Stephanie Gonzalez Course length: 2 semesters Text: History Based, Provided, \$26.00 Time: 9:00 – 10:30, and 10:30 – 12:00

Advanced Level IEW II: Students will continue to develop writing proficiency by building on skills learned in IEW I. The source texts for this year are from stories, letters, literature, and other American history documents. Again students will use structural models and stylistic techniques to practice note taking, oral and written summaries, plot analysis, and outline, basic reports, multiple source reports, basic and advanced essays as well as more advanced stylistic techniques and sentence structure. Students will compile a notebook as they create their own personal

Handbook and portfolio of work. Source texts are American History based. Materials fee will be assessed.

Advisors: Jamie Gregory Course Length: 2 semesters Text: History Based, Provided, \$26.00 Time: 10:30 – 12:00

Classical Literature: This course is an introduction to the classics focusing upon the elements of great literature and teaching the skills necessary to appreciate and analyze great works. During the semester we will be reading and analyzing four classics. Titles will include *The Hiding Place*, *Silas Marner*, and others.

Text: (Library loans allowed if available during weeks of course use) Book 1 Robinson Crusoe
Advisor: Jennifer Obranic Grade Level: 10th – 12th Course length: 2 semesters Material fees: TBA



Time: 1:30 – 3:00

American Short Stories: This course will provide opportunities for literary analysis, critical thinking, vocabulary enhancement, and a deeper knowledge of American authors and their works through writing and discussion.

Advisor: Julie Thompson Grade Level: MS/HS Course Length: 1 semester Time: 9:30 – 10:30

Speech: Public Speaking. This course is designed to train the high school student to be proficient in presenting a public speech. Personal experience, demonstration, informative, persuasive, devotional and impromptu speeches as well as basic debate are some of the areas which will be covered. The students will have the option of competing at the local F.A.C.C.S. Fine Arts Competition. College speech classes will be very similar to the training the student will receive.

Advisor: Andrea Gardner Grade level: High school Course Length: 2 semesters Time: 3:00 – 4:00

SAT Prep Verbal Skills: students will learn the strategies and techniques that will increase their success with the College Board exam. Logic and critical thinking are key to analyze the reasoning behind the test questions and understanding what kind of answers the authors require. This course will cover the critical reading and essay writing components.

Advisor: Julie Thompson Grade Level: High School Course Length: 8 weeks Offered 12:30 – 1:30

SCIENCE



Apologia Biology: a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. Labs completed in class.

Text: Second Edition, Apologia Exploring Creation with Biology Materials fee: \$20.00 Time: 1:30 – 3:00
Advisor: Barbara Lorenz Course length: 2 semesters

Apologia Chemistry: This course is designed to be a first-year high school chemistry course and gives the student a rigorous foundation in chemistry, in order to prepare him or her for a college-level. The course covers significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. Students who take and understand this course will be very well-prepared for a tough university chemistry course. Text: Apologia Exploring Creation with Chemistry Edition 2
Advisor: Linda Nolte Course length: 2 semesters Materials fee: \$15.00 Time: 11:30 – 1:00



Apologia Exploring Creation with Physical Science: This course is designed to be the last science course the student takes before high school biology but can also be taken as a 9th grade science credit. The course discusses such topics as the atmosphere, the hydrosphere, weather, the structure of the earth, environmentalism, the physics of motion, Newton's Laws, gravity, and astrophysics. The author especially concentrates on the myths generated by the hysterical environmentalist movement. The many hands-on experiments will be completed in class. It is an excellent course for preparing the student to take a college-prep high school science curriculum. Text: Exploring Creation with Physical Science, 2nd Edition
Advisor: Jonathan Rupprecht Course length: 2 semesters. Materials fee: \$15.00 Time: 10:30 – 12:00

Apologia Physics: This course covers vector analysis, Newton's laws, work and energy, waves, magnetism, electrostatics, and more! Trigonometry and chemistry are recommended prerequisites.

Advisor: Linda Nolte Course length: 2 semesters Materials fee: TBA Time: 1:00 – 2:30

Dissection Labs: Students participate in weekly dissection labs which will compliment their science classes. Specimens are from each major animal phyla: Sponges, Crayfish, Starfish, Grasshoppers, Earthworms, Perch, Mussels, and Frogs; studying internal and external anatomy. Students should have a basic knowledge of animal kingdom studies to best benefit from this course.

Advisor: Linda Nolte Course length 1.5 hours Grade Level: 7 - 12th Materials fee: \$20.00 Time: 2:30 – 4:00

ELECTIVES

American Government: This one semester course will be studied from a conservative, Christian perspective. We will discuss the foundations of our American Government, a thorough examination of our Constitution, the government it established and the rights and privileges it guarantees, promoting character development and patriotism. State and local government will also be included. This study will provide students a firm foundation in understanding our government and how it operates in order to become informed, responsible citizens and voters in today's world.

Sharon Russell Course length: 1 hour 1 semester Time: 2:00 - 3:00

Advisor: Sharon Russell Text: Abeka - *American Government in Christian Perspective* 2nd edition - Homeschool packet (includes Quizzes, tests and teacher guide).
Christian LibertyPress: *The Story of the Constitution* - obtain from Advisor \$13.

Computer Programs: Microsoft Word 2007 & Microsoft PowerPoint 2007 (2 in 1)

Microsoft Word 2007 -

This course will start from the beginning and will take students step-by-step through features as templates, menus, toolbars, basic and advanced styles useful for creating research papers, book reports, cover letters, newsletters, basic web pages, etc. This course also provides necessary computer skills for higher education and job placement. Students must have access to a lap top on class days.

Microsoft PowerPoint 2007 -

This course will help students understand how to create PowerPoint presentations that bring ideas to life and communicate ones message, while providing a useful skill for higher education and job placement. Students must have access to a lap top on class days.

Advisor: Peter Torres Textbook(s) provided: \$20.00 (\$10.00 ea.) Grade Level: MS/HS Course length: 1 semester
Material Fee (optional): \$20.00 for a licensed copy of **Microsoft® Office Enterprise 2007 Suite** Software, which includes Word 2007 & PowerPoint 2007 (unless you already have it on your laptop) Time: 2:00 – 3:00

Economics: This one semester course presents emphasis to free enterprise capitalism in a free market economy. The Biblical views of work, wealth, and stewardship appear throughout the text, helping students to understand the proper economic roles of individual producers and consumers as well as that of the government from a conservative, Christian perspective. The stark contrast between the market economy--the cornerstone of prosperity in the United States--and the command economy--the hallmark of fiscal failure in Communist countries--is graphically presented in illustration of the economic principles that govern all societies. Essential concepts such as competition in the marketplace and private ownership of capital are discussed from a conservative perspective.

Students will learn: the law of supply and demand, and how various markets work; the concept of money and the banking system (including the stock market); the mechanics of foreign trade and its implications for the domestic economy; the application of economic principles using the Internet in our current 'technology age'. Their will be one field trip and sharing of book reviews.

Text required: [Economics: Work and Prosperity in Christian Perspective](#) (ABeka: 2nd edition) [The Next Millionaires](#) (I will have available to purchase at cost in class-\$12.78); assorted business leadership books used for book reports available to borrow.

Advisor: Sharon Russell Grade Level: High School Course Length: 1 semester Time: 2:00 – 3:00 JANUARY 2011

THINKING LIKE A CHRISTIAN - Understanding and Living a Biblical Worldview

From TV news to the public school classroom, secular ideas are presented as "the way to think" - sophisticated and scientific, contemporary and aware; even though they're infected with an array of false assumptions. Yet Christians too easily succumb because they don't understand how remarkably reasonable it is to view the world from a biblical perspective. Explaining the Christian worldview from subjects as diverse as law, biology, theology, psychology, politics, philosophy, sociology, economics, history and ethics, the *Thinking Like a Christian* course is designed to build a young person's assurance that a Bible-based worldview makes sense enabling them to confidently confront alternative worldviews by "*always being ready to give a defense to everyone who asks you to give a reason for the hope that is in you with gentleness and respect.*" 1 Peter 3:15

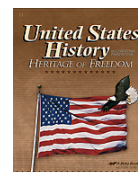
Text required: "*Thinking Like a Christian: Student Journal*" By David Noebel and Chuck Edwards, Published by Broadman and Holman. Advisor: Peter Torres Grade Level: High School Course length: 1 semester -1.5 hours Time: 12:00 – 1:30

Materials fee: TBA

United States History

Take an exciting trip back in time as we discover the "Heritage of Freedom" of the United States! During this course, high school students will learn about God's "His Story" of this great nation. Historical events will come to life as early political, cultural, economic, and intellectual developments of the U.S. are explored from its earliest beginnings to today. *Text: United States History: Heritage of Freedom New Edition*

Advisor: Jennifer Obranic Course length: 2 semesters Materials fee: TBA Time: 12:00 – 1:30



Latin I FIRST FORM LATIN

Grade: Middle/HS school

First Form sets up the framework for learning Latin from a classical, trivium based approach. It is the ideal text for all beginning MS or HS students, or is a great follow-up to for a younger student who has already had a year of Latin.

First Form's grammar-first approach focuses on grammar forms and vocabulary because those are the grammar stage skills suitable for the grammar stage student. However, the *First Form Series* is for students of all ages because all beginners, regardless of age, are in the grammar stage of learning. Syntax (how to use the grammar) and translation are logic and rhetoric stage skills, respectively, and quickly overwhelm the student unless they are introduced at a slow, gentle pace. After mastering *First Form*, the student will have a solid grasp on the six active tenses, of the first two verb conjugations, five noun declensions, first and second declension adjectives, and 185 vocabulary words.

The most practical reason for Latin study is that it gives students the tools to decode many of the unfamiliar English words. It is the key that opens the door to not only the English language but also to the Roman languages.

Advisor: Charlotte K. Ferri. Course length: one year. Text: First Form student textbook and workbook. Can be purchased at www.Memoria Press.com Completion of First Form Latin earns the HS student a credit in foreign language.

Grade Level: MS/HS and completion of year one. Time: 9:30 – 10:30

Spanish I: This course is designed to teach students the basic elements of Conversational Spanish, which includes: the Spanish alphabet, numerical system, sentence-building, pronunciation, Spanish culture and etiquette. Students will learn parts of speech and sentence structure to expand conversational patterns and teach Spanish syntax.

Advisor: Rosa Madrigal Course length: one year Time: 11:00 – 12:00

Spanish II: Fundamental skills previously acquired will be expanded in listening, reading, writing and pronunciation skills as well as cultural awareness.

Advisor: Rosa Madrigal Course length: one year Time: 10:00 – 11:00

American Sign Language I (ASL): This course will focus on developing the basic expressive and receptive skills necessary to communicate with deaf persons. Course content includes signs, fingerspelling, numbers, and grammatical and cultural information. Classroom exercises, homework and other activities are designed to help students feel comfortable and confident using the skills they acquire during this course. *Text: Learn to Sign the Fun Way! By Penny Warner*

Advisor: Hilary Ainbender Course length: one year Time: 10:30 – 12:00

American Sign Language II (ASL): Prerequisite Year One *Time: 12:00 – 1:30*

Study Skills: This course prepares students for success in learning. It covers valuable topics as organizational skills, studying and listening skills, test taking, reading strategies, note-taking, critical thinking, and problem solving. Mastering these skills can result in increasing the student's school work by one letter grade.

Advisor: TBA Class fee: TBA Grade Level: MS/HS Course Length: 1 semester Time: 10:30 – 11:30

ART and MUSIC ELECTIVES

Textiles in Weaving and Stitchery

This course will explore the ancient art of weaving as students will learn the technique of warp and weft on their own constructed looms. They will experiment with texture, color, embellishing their designs with flexible materials as wool, ribbon, yarn, fabric strips, raffia, and twigs as they design their work. The stitchery unit will introduce students to basic embroidery stitches as they stitch with yarn on burlap. Students will create a sampler of stitching work incorporating their skill creating a wall hanging or framed design.

Advisor: Henny Bulten Grade Level: Elem Length: 1 hour, 8 weeks Materials fee: \$10.00 Time: 11:30 – 12:30

Pottery: MS/HS students will hand-form clay designs using slab construction, coil, and free-form. Clay techniques will be developed as they prepare projects for firing. Included will be learning clay terminology and the history of ceramics.

Advisor: Henny Bulten Grade level: MS/HS Course length: 8 weeks Materials fee: \$20.00 Time: 10:00 – 11:00

Intro to Guitar: This course is designed to provide training and experience at the beginning level of guitar playing. Course content will focus on development of basic music reading, basic music theory, composition, strumming and picking, first position melodies and chords.

Advisor: Alex Wooldridge Course length: 2 semesters 1 hour Materials fee: TBA Time: 3:00 – 4:00



Guitar II Advanced: to be added Time: 2:00 – 3:00

Introduction to Art History ART THROUGH THE AGES

This course provides students with a broad overview of the major movements of the art history of western civilization from ancient to contemporary times. During this class the students will read assigned text, look at slides of art work and take notes, write personal reactions to the art presented and create a time line in order to visualize the time and place certain art trends occurred. Studying why different styles were developed, we will come to understand how religion, philosophy and historical events have influenced art throughout the ages, and how the world's history influenced the art of its time. This helps us to better appreciate the art we are familiar with, and introduces us to new and exciting areas of art. Understanding the history of an era, regarding its politics, religion and economics, will help the art of these periods come alive as they create a window into the past. Upon completion of this course, students will be able to recognize major works of art and will understand the art historical context of a variety of works of art based on subject matter, artistic style and medium. Our goal is to equip the student with skills that allow them to better understand history, and especially our own time, by viewing major works of art and in the process enjoy and appreciate art for its own sake.

Advisor: Charlotte K. Ferri. Grade Level: High School Course length: 1 semester 1 ½ hrs

Text: *The Annotated Mona Lisa: A Crash Course in Art History From Prehistoric to Post-Modern* By Carol Strickland, Ph.D. and John Boswell.

Upon completion of this course the HS student will earn ½ credit in fine arts (another ½ credit can be earned in a hands-on fine art course during second semester)

Parents please note: We will be covering a wide variety of art forms including the nude. It is important to include this art form in any serious study of art history because it often was the primary focus of many artists. The art history book mentioned above will have nude images depicted, and slides in class will also include this art form. Because of the maturity of this content we recommend this class to high school students only.

Drawing

This course is for the upper MS or HS student who wants to develop and improve their drawing skills. Employing principles from the book "Drawing on the Right side of the Brain" by Betty Edwards, the instruction will emphasize learning to "see" an object by allowing the brain to enter into observatory mode. The five skills of drawing: The perception of edges, the perception of form and shape, the perception of perspective and proportion, the perception of light and shadow and the perception of the whole will be taught through various drawing projects.

Materials needed: A drawing pad and a set of various drawing pencils like *General Drawing Class Set* at Jerry's Artarama see link: <http://www.jerrysartarama.com/discount-art-supplies/Pencils-Leads-and-Powders/Generals-Drawing-Class-Set.htm>

Advisor: Charlotte Ferri Course Grade Level: High School Length: 1 semester, 1.5 hrs Time: 12:00 – 1:30