



High School  
Course Catalog



# Welcome to Alpha Omega Academy!

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Alpha Omega Academy (AOA) is an exciting K-12 distance learning academy that is accredited through NCA CASI and is structured to meet the needs of today's families. With qualified teachers, administrative services, and award-winning curriculum choices, Alpha Omega Academy's Christ-centered distance learning program offers the perfect combination of flexibility, assurance, and affordability. Alpha Omega Academy is committed to creating a successful partnership with each parent and enrolled student.

For parents and families who need a comprehensive distance education solution, Alpha Omega Academy is the answer! AOA has enrolled thousands of students from all around the globe—in all 50 states and 38 countries.

## Mission Statement

Alpha Omega Academy's mission is to educate, inspire, and change lives.

We strive to create partnerships with families who provide an environment of academic and spiritual growth for students. We desire that students use their talents and abilities to influence the world for Jesus Christ.

## Curriculum Options

Quality Christian education is available through online-driven, computer-based, or print-based courses offered by AOA. With over 100 high school courses, AOA offers Bible-based and personalized instruction for your student. AOA offers customized curriculum based on your student's placement tests and previous credits. During enrollment, an AOA counselor suggests a program that meets your student's academic needs and addresses any major learning gaps. Throughout AOA courses, a Christian worldview is adopted while a focus on mastery learning and cognitive reasoning is emphasized.

Able to fit your student's academic needs, AOA offers both college-prep and general studies courses. No matter if your student is working toward high school graduation or if he is preparing for college entrance requirements, AOA has two specific course track options available. (Graduation requirements are listed at the back of this catalog.)

Alpha Omega Academy offers three unique curricular options for high school students: Ignitia™, Switched-On Schoolhouse®, and LIFEPAAC®.



# Curriculum Options

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## Electronic Curriculum

### Ignitia

With Ignitia (IGN), students enjoy a convenient online learning environment. Through an Internet connection, Ignitia gives the freedom to learn anywhere 24/7, improving course delivery with applications for Windows®, Macintosh®, and Linux®-based operating systems. Ignitia allows students to submit projects in various media formats like student-created videos and slide shows. Ignitia offers students five core subjects of Bible, history and geography, language arts, math, and science, as well as over 30 electives.

### Switched-On Schoolhouse

The computer-based Switched-On Schoolhouse (SOS) engages students with an enriching learning format. Offering ease and appeal, SOS includes multimedia features like animation, video clips, learning games, maps, timelines, interactive projects, and other innovative learning tools. Unlike textbooks, SOS offers a variety of teaching methods, practical application opportunities, and content reinforcement. Switched-On Schoolhouse offers the five core subjects of Bible, history and geography, language arts, math, and science, as well as over 30 electives.

## Print-based Curriculum

### LIFEPAC

LIFEPAC is a full-color, consumable worktext curriculum that uses mastery-based learning to help students understand concepts and content in each unit. LIFEPACs are consumable worktexts, a combination of a textbook and a workbook. Under the direction of parents, students read self-paced lessons, complete activities, interact with teachers, and are tested before moving on to the next LIFEPAC unit. This Bible-based curriculum conveniently coordinates subject text, exercises, projects, reviews, and tests. LIFEPAC offers students five core subjects of Bible, history and geography, language arts, math, and science, as well as over 15 electives.



# Course List

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## Course

## Available In

### English

- English I .....IGN, SOS, LP
- English II .....IGN, SOS, LP
- English III .....IGN, SOS, LP
- English IV .....IGN, SOS, LP

### Mathematics

- Algebra I .....IGN, SOS, LP
- Geometry .....IGN, SOS, LP
- Algebra II .....IGN, SOS, LP
- Pre-Calculus .....IGN, SOS, LP

### Science

- Integrated Physics  
and Chemistry .....IGN, SOS
- Biology .....IGN, SOS, LP
- Chemistry .....IGN, SOS, LP
- Physics .....IGN, SOS, LP

### History and Geography

- World Geography .....IGN, SOS
- World History .....IGN, SOS, LP
- U.S. History .....IGN, SOS, LP
- Government  
and Economics .....IGN, SOS, LP

### Bible

- New Testament Survey .....IGN, SOS, LP
- Old Testament Survey .....IGN, SOS, LP
- Bible Doctrine .....IGN, SOS, LP
- Christian Faith  
and Living .....IGN, SOS, LP
- Foundations for Living .....IGN, SOS, LP

## Course

## Available In

### English Electives

- American Literature .....IGN, SOS, LP
- British Literature .....IGN, SOS, LP

### Mathematics Electives

- Consumer Math .....IGN, SOS, LP
- Pre-Algebra .....IGN, SOS, LP
- Trigonometry .....IGN, SOS

### Science Electives

- Earth Science .....IGN, SOS
- Physical Science .....IGN, SOS, LP
- Science 9 .....IGN, SOS, LP

### History and Geography Electives

- Civics .....IGN, SOS
- Civics and World Geography .....LP
- State History and  
Government .....IGN, SOS
- Twentieth Century  
American History .....IGN, SOS
- U.S. Civil War .....IGN, SOS
- U.S. Constitution .....IGN, SOS
- Vietnam Era .....IGN, SOS

### Electives

#### World Languages

- Basic Spanish .....IGN, SOS
- Spanish I .....IGN, SOS, LP
- Spanish II .....IGN, SOS, LP
- Basic French .....IGN, SOS
- French I .....IGN, SOS
- French II .....IGN, SOS



# Course List

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| Course                              | Available In | Course                                   | Available In    |
|-------------------------------------|--------------|------------------------------------------|-----------------|
| <b>Fine/Practical Arts</b>          |              | Fundamentals of Digital Media . . . . .  | IGN             |
| Art . . . . .                       | LP           | Small Business Entrepreneurship. . . . . | IGN             |
| Business Computer                   |              |                                          |                 |
| Information Systems I-A . . . . .   | IGN, LP      | <b>General Electives</b>                 |                 |
| Business Computer                   |              | ACT Test Prep . . . . .                  | IGN             |
| Information Systems I-B . . . . .   | IGN, LP      | Careers in Allied Health . . . . .       | IGN             |
| Family and Consumer                 |              | College Planner . . . . .                | IGN, SOS        |
| Science. . . . .                    | IGN, SOS, LP | Driver’s Education. . . . .              | see description |
| Fundamentals of Programming         |              | Essentials of                            |                 |
| and Software Development . . . . .  | IGN          | Communication . . . . .                  | IGN, SOS, LP    |
| Introduction to Information         |              | Fundamentals of                          |                 |
| Technology Support and Services . . | IGN          | Computer Systems . . . . .               | IGN             |
| Music Appreciation . . . . .        | IGN          | High School Health. . . . .              | IGN, SOS, LP    |
| Music Theory. . . . .               | IGN          | Introduction to                          |                 |
| New Applications: Web               |              | Information Technology. . . . .          | IGN             |
| Development in the 21st Century . . | IGN          | Introduction to Network Systems . .      | IGN             |
| Office Applications I. . . . .      | IGN          | Personal Financial Literacy . . . . .    | IGN, SOS        |
| Office Applications II. . . . .     | IGN          | Physical Education . . . . .             | IGN, SOS        |
| Technology & Business . . . . .     | IGN          | Physical Fitness . . . . .               | IGN, SOS        |
|                                     |              |                                          |                 |
| <b>Business</b>                     |              |                                          |                 |
| Accounting. . . . .                 | LP           |                                          |                 |
| Computer Literacy . . . . .         | LP           |                                          |                 |
| Essentials of Business . . . . .    | IGN          |                                          |                 |

IGN = Ignitia  
SOS = Switched-On Schoolhouse  
LP = LIFE PAC



# Graduation Requirements

Students enrolled in the Alpha Omega Academy must be considered full-time (taking at least four courses) before qualifying as candidates for a high school diploma. Homeschool transfer students must earn at least their last five credits through the academy before graduation. Students transferring from accredited schools must earn at least four credits through the academy to graduate. High school credits earned prior to academy enrollment can be accepted based on official transcripts.

High school students are required to earn a minimum of 21 credits in order to receive a diploma from Alpha Omega Academy. These credits can be earned by following the academy’s general or college preparatory course of study, depending on a student’s post-graduation plans. Graduation and post-secondary entrance requirements vary by state and college. Parents should research these requirements to be assured that they are met. A detailed outline of the two courses of study as well as a summary of typical courses by grade level is conveniently provided below.

## Comparison of Two Track Options for Graduation

|                                           |     |
|-------------------------------------------|-----|
| English I, II, III, IV. . . . .           | 4   |
| Math (at least through Alg. II). . . . .  | 4   |
| Science (at least 2 lab courses). . . . . | 3   |
| History (world, U.S.) . . . . .           | 2   |
| Government . . . . .                      | 0.5 |
| Economics . . . . .                       | 0.5 |
| Bible* . . . . .                          | 1   |
| Health . . . . .                          | 0.5 |
| Physical Education . . . . .              | 1   |
| Fine/Practical Art Electives . . . . .    | 1   |
| Foreign Language . . . . .                | 2   |
| Other Electives** . . . . .               | 1.5 |

|                                               |     |
|-----------------------------------------------|-----|
| English (at least through Eng. III) . . . . . | 4   |
| Math (at least 1 yr. beyond Alg. I). . . . .  | 3   |
| Science (at least 1 lab course) . . . . .     | 2   |
| History (world, U.S.) . . . . .               | 2   |
| Government . . . . .                          | 0.5 |
| Economics . . . . .                           | 0.5 |
| Bible* . . . . .                              | 1   |
| Health . . . . .                              | 0.5 |
| Physical Education . . . . .                  | 1   |
| Fine/Practical Art Electives . . . . .        | 1   |
| Other Electives** . . . . .                   | 5.5 |

Total Credits Required for Graduation . . . . . 21.0

Total Credits Required for Graduation . . . . . 21.0

\* Effective for students enrolling after July 1, 2011, the Bible requirement must be an AOA Bible course.

\*\* College Planner course is highly recommended



# Join us at Alpha Omega Academy!

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Find the place your student belongs. Designed for those who desire an education at home with the assurance of accreditation, AOA is the perfect combination of flexible learning and structured courses, taught by qualified teachers. AOA has open year-long enrollment so you can begin courses whenever it's convenient for you.

Join thousands of other students who enjoy Alpha Omega Academy's K-12 distance learning program and enroll today!

## Steps to Enroll

1. Visit [www.aoademy.com](http://www.aoademy.com) and complete the online registration form.
2. Receive your orientation information and an online placement testing account for your student.
3. Have your student complete the placement tests.

AOA will request transcripts from the previously attended school for 9th-12th grade students during this time. When the placement tests are complete and transcripts have been received, an appointment with an AOA faculty advisor is scheduled with you.

4. Attend the guidance appointment to discuss academy policies, your student's courses, and payment of tuition.
5. Tuition payment is processed, curriculum materials are sent, and your student's school year begins!

Yes! It's that easy. Register online today at [www.aoademy.com](http://www.aoademy.com) or call 800-682-7396 for more information.



# English I

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEAC

## Overview:

- The Structure of Language
- The Nature of Language
- Words and Writing
- Paragraphs, Essays, and Research Reports
- Short Stories
- Structure and Meaning in Prose and Poetry
- Communication
- Drama
- Studies in the Novel
- Review

English I is a two-semester course that introduces students to the fundamentals of the English language. In the first semester, students explore grammar, the history of language, word definitions and English usage, essay writing, and the short story. In the second semester, students study English through prose and poetry, speech and communication, drama, and the novel. Two of the works studied in this course are \_\_\_\_\_ and \_\_\_\_\_.

Through this course, students cover in-depth grammar topics such as parts of speech, verb tense and voice, verb conjugation, root words, dictionary usage, and sentence structure. Moving into English literature and usage, the course also has units on letter writing, drama elements and history, imagery and symbolism, types of novels, subject matter, and plots and perspective. Each unit of the course contains quizzes and tests to evaluate progress and student mastery. Projects include paragraph writing and several essay projects.



# English II

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Language Structure
- Writing Effective Sentences
- Writing and Reading Skills
- Speaking and Listening
- The Development of English
- The Short Story
- Studies in the Novel
- Drama
- Poetry
- Review

In English II, students study language structure, effective sentences, writing and reading skills, speaking and listening, and the development of English as a language. In the second semester, students explore the short story, drama, and various other literature forms. Two of the literary works studied in this course include the novel *In His Steps* and the play *Everyman*.

Delving into language structure, this course covers in-depth topics like pronoun rules, clauses, verbals, paragraph and sentence structure, oral reading, critical listening, and the history of words. The novel and the short story are examined in detail, along with elements of poetry including form, rhyme, meter, imagery, symbolism, and meaning. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects include writing a book review, a poem, and a short story.



# English III

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Learning and Using Standard English
- Sentence Elements
- Clear Connections: A Writing Workshop
- Meaning and Main Ideas
- Poetry
- Nonfiction
- American Drama
- The American Novel
- Research
- Review

English III is a two-semester course in which students cover learning and using standard English, sentence elements, meaning, main ideas, and poetry. The second semester entails elements of nonfiction, American drama, the American novel, research, and cumulative review unit. Major works read in this course are *To Kill a Mockingbird* and *Our Town*.

Topics include dictionary usage, verbals and clauses, pronoun references and agreement, modifiers, parallel structure, prefixes and roots, and poetry structure. Elements of nonfiction, journaling, and documentation are also examined. Students analyze American drama and complete projects that include essays and a research paper with MLA documentation. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

**Additional Details:** The research project in unit 9 is considered so essential to a student's future achievement that a student will not receive credit for the second semester without successfully completing it.



# English IV

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- The Worth of Words
- The Structure of Language
- Reading and Research
- Language, God's Gift to Man
- Medieval English Literature
- Elizabethan Literature
- 17th and 18th Century English Literature
- Romantic and Victorian Poetry
- Creative Writing
- Review

English IV is a two-semester course intended to prepare students for college-level writing. In the first semester, students study the worth of words, language structure, reading, research, and medieval English literature. The second semester includes studying Elizabethan literature, 17th and 18th century English literature, romantic and Victorian poetry, and creative writing. This course includes selections from *Beowulf*, *Canterbury Tales*, *Paradise Lost*, and William Shakespeare's play *Hamlet* in its entirety.

Topics of study include expository writing, coherence and consistency, reference agreement, sentence structure, information search, language origins, and semantics. Authors studied include John Milton, Jonathan Swift, Samuel Johnson, William Wordsworth, Lord Byron, Percy Bysshe Shelly, John Keats, and Elizabeth Barrett Browning. Projects include writing free verse poetry, an elegy, a research paper from notes, and a critical essay. Each unit of the course contains quizzes and tests to evaluate progress and student mastery.



# Algebra I

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEAC

## Overview:

- Foundations of Algebra
- Linear Equations
- Functions
- Inequalities
- Linear Systems
- Semester Exam
- Polynomials
- Exponential and Radical Functions
- Quadratics
- Rational Expressions
- Probability and Statistics
- Semester Exam

Introducing students to the foundations of algebra, Algebra I offers an in-depth study of variables and expressions.

Topics cover characteristics of algebraic functions including their solutions and graphs. With clear, step-by-step explanations, this beginner's course helps students learn how to use algebra to solve functions applied to real world examples.

Providing a complete overview, Algebra I includes topics such as properties, equality, various equations, unknowns, coordinate planes, function identification, slope and variation, and linear system graphing. Additional lessons discuss polynomials, exponential functions, quadratics, rational expressions, and probability and statistics. Each unit of the course contains quizzes and tests to evaluate progress and student mastery.



# Geometry

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** Algebra I

**Available in:** IGN, SOS, and LIFEAC

## Overview:

- Introduction
- Logic
- Angles and Parallels
- Congruent Triangles and Quadrilaterals
- Similar Polygons
- Circles
- Area and Volume
- Coordinate Geometry
- Transformations
- Review

In this geometry course, students are introduced to the fundamentals of lines, segments, and angles. Topics include a study of two-dimensional and three-dimensional geometry. Various angles, parallel lines, logic and proof, transformations, shapes, volume and area, and coordinate geometry are all examined. Students will also learn how geometry and dimensions are used in everyday situations.

Presenting geometric principles in a step-by-step manner, this course outlines the history of geometry, geometric theorems, logic and reasoning, isometry, and geometric proofs. Lessons discuss triangles, polygons, parallelograms, trapezoids, circles, rhombuses, spheres, cones, pyramids, prisms, and cylinders. Exercise problems include finding cosine and sine, circumference, pi, area, points on a plane, and angle measure. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.



# Algebra II

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** Algebra I,  
Geometry

**Available in:** IGN, SOS, and  
LIFEPAC

## Overview:

- Set, Structure, and Function
- Numbers, Sentences, and Problems
- Linear Equations and Inequalities
- Polynomials
- Algebraic Fractions
- Real Numbers
- Quadratic Relations and Systems
- Exponential Functions
- Counting Principles
- Review

In Algebra II, students build their algebra skills that were introduced in Algebra I, such as graphing, factoring, and solving algebraic equations. Students will also learn how to use algebra to solve real world problems. The first semester covers set, structure, and functions; numbers, sentences, and problems; linear equations and inequalities; polynomials; and algebraic fractions.

The second semester continues with topics like real numbers; quadratic relations and systems; exponential functions; and counting principles. Offering clear, step-by-step directions, lessons help students grasp concepts such as probability, combinations and permutations, logarithms, hyperbola, imaginary numbers, conjugates, and algebraic fractions. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.



# Pre-Calculus

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** Algebra II

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Relations and Functions
- Functions
- Trigonometric Functions
- Circular Functions and Their Graphs
- Identities and Functions of Multiple Angles
- Application of Trigonometric Functions
- Inverse Trigonometric Functions and Polar Coordinates
- Quadratic Equations
- Probability
- Calculus and Review

Pre-Calculus prepares students for calculus and advanced math at the college level. Students expand their knowledge of algebraic skills learned in Algebra II and complete a thorough study of trigonometry. Topics of study in the first semester include relations and functions, circular functions and their graphs, and identities and functions of multiple angles.

In the second semester, students cover application of trigonometric functions, inverse trigonometric functions and polar coordinates, quadratic equations, and probability. Exercises include circular permutations, the ellipse applied, the parabola continued, inverse functions, graphing polar equations, inclined plane application, and quotient and Pythagorean relations. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

**Additional Details:** Although the course can be completed with a scientific calculator, a graphing calculator is recommended.



# Integrated Physics and Chemistry

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Explorations in Physical Science
- The Structure of Matter
- Matter and Change
- States of Matter
- Motion and Forces
- Work and Energy
- Heat Flow
- Electricity and Magnetism
- Waves
- Chemistry and Physics in Our World
- Review

Integrated physics and chemistry equips students with a foundation for understanding the basics of matter and energy. This course helps students understand physical and chemical science fundamentals by observing the God's world. First semester topics include matter and changes in matter, motion and forces, electricity, and magnetism.

Second semester lessons discuss atomic structure, geology, oceanography, astronomy, and body health. Global warming and the effects of fossil fuel are also examined. Integrated throughout the course, hands-on experiments include measuring matter, separating a mixture, motion graphs, conservation of energy, insulators, and more. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

**Additional Details:** There are materials required to complete the experiments in this course. The academy recommends Home Science Tools as an excellent resource for purchasing these specialized materials. Product codes are included with certain items to help parents purchase the correct materials from Home Science Tools.



# Biology

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Taxonomy: Key to Organization
- Basis of Life
- Microbiology
- Cells
- Plants: Green Factories
- Human Anatomy and Physiology
- Genetics: God's Plan of Inheritance
- Cell Division and Reproduction
- Ecology, Pollution, and Energy
- Principles and Application of Biology

In biology, students explore microbiology, cells, plants, the human body, genetics, ecology, and more. With material presented from a biblical viewpoint, students will learn about living organisms, the chemistry of living things, cellular biology, animals, humans, genetics, and cell reproduction.

Beginning with plant and animal classification, this informative course includes experiments such as water properties, onion and cheek cells, osmosis, tissue structure, mitosis, molecular genetics, protozoan cultures, and biomes. Topics include organic compounds, microscope usage, cell design, cell division, metamorphosis, chromosomes, food chains, and human body systems. Each unit contains quizzes and a test to evaluate progress.

**Additional Details:** Materials are required to complete the labs in this course. Quality Science Labs has compiled a kit which includes everything needed to complete the biology labs, excluding a microscope. This kit can be purchased at [www.qualitysciencelabs.com](http://www.qualitysciencelabs.com) under AOA Kits category. You can also call 866-700-1884 and request the Alpha Omega Academy Biology Kit. A minimum of two-thirds of the projects must be completed for this course to be considered a laboratory science (college preparatory).



# Chemistry

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Measurement and Analysis
- Starting the Investigation: How to Identify Elements, Compounds, and Mixtures
- Exploring Laws for Gases and Conservation of Mass
- The Discovery of Atoms: Nature's Building Blocks
- Molecular Structure
- Chemical Reactions, Rates, and Equilibrium
- Equilibrium Systems
- Carbon Chemistry: Hydrocarbons
- Carbon Chemistry: Functional Groups
- Chemistry Review

Explore the wonders of chemicals with this fun chemistry survey course! Students learn major topics in the fields of matter and energy. In the first semester, topics examined include elements, compounds, mixtures, gas laws, conservation of mass, atomic structure, and molecular structure. In the second semester, students continue their examination of chemistry with topics of chemical reactions, chemical equilibrium systems, carbon chemistry or organic chemistry.

Experiments include mixture of compounds, determination of absolute zero, conservation of mass, empirical formula of a hydrate, pH indicators, and more. This course also utilizes virtual labs where students do their experiments in an online simulator. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

**Additional Details:** The labs in this course are completed using the online simulator Late Nite Labs. A minimum of two-thirds of the projects must be completed for this course to be considered a laboratory science (college preparatory).



# Physics

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Kinematics
- Dynamics
- Work and Energy
- Introduction to Waves
- Light
- Static Electricity
- Electric Currents
- Magnetism
- Atomic and Nuclear Physics
- Review

Physics explores the science of motion in God's world. In this course, students look at topics such as kinematics, dynamics, work and energy, introduction to waves, and light in the first semester. In the second semester, topics include static electricity, electrical currents, magnetism, and atomic and nuclear physics.

In this course students learn through lessons and experiments that display the behavior of motion. Experiments include balancing a straw, circular motion, simple machines, waves and wave speeds, convergence, light angles, and more. In-depth lesson topics include electric charges, fluid flow, field forces, speed of light, heat energy, gravity, and vectors. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

**Additional Details:** Taking Algebra II concurrently or prior to physics is recommended. There are materials required to complete the labs in this course. The academy recommends Home Science Tools as an excellent resource for purchasing these specialized materials. Product codes are included with certain items to help parents purchase the correct materials from Home Science Tools. A minimum of two-thirds of the projects must be completed for this course to be considered a laboratory science (college preparatory).



# World Geography

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Introduction to Geography
- Human Geography
- North America
- Central America, South America, and the Caribbean
- Oceania, Australasia, and Antarctica
- Western Europe
- Eastern Europe and Russia
- Sub-Saharan Africa
- North Africa and Southeast Asia
- Central, South, East, and Southeast Asia

World geography helps students see themselves in relation to their communities, their states, their country, and the world. In world geography students learn the major countries and continents and the tools and technologies of geography to study the world. The first semester covers an introduction to geography; human geography and interaction; the Americas and the Caribbean; and Oceania, Australasia, and Antarctica.

The second semester of this course travels God's world and examines continents including Europe, Asia, and Africa. Lesson topics discuss maps and charts, cultural mosaics, human movement, physical geography of various areas, and economics and politics of regions. Projects include examining energy resources, the U.S. National Parks, Western Europe, Sub-Saharan Africa, and environment effects on human health. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.



# World History

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Ancient Civilizations I
- Ancient Civilizations II
- The Medieval World
- Renaissance and Reformation
- Growth of World Empires
- The Age of Revolution
- The Industrial Revolution
- Two World Wars
- The Contemporary World
- Ancient Times to the Present

Discover the history of the world from ancient civilizations until the end of the 20th century with this world history course! Students explore how the world has changed and developed, giving a greater understanding of the world today. In the first semester, topics include ancient civilizations such as the Egyptians, Assyrians, Greeks, and Romans. Additional topics include the medieval world and the Middle Ages, the Renaissance and Reformation in Europe, and the growth of world empires.

In the second semester, students examine the Age of Revolution including the English, French, and American Revolutions. The English and American Industrial Revolutions, the two World Wars, the contemporary world and the cold war, and a review section are also included. Projects include papers on socialism or free enterprise and a major event of the 20th century. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.



# U.S. History

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFE PAC

## Overview:

- Foundations of the American Republic
- Development of Constitutional Government
- National Expansion
- A Nation Divided
- A Nation Divided and United
- United States Involvement at Home and Abroad
- The Search for Peace
- A Nation at War
- Contemporary America
- United States History Review

In U.S. history, students study the development of the United States from the time of exploration to modern times. This course explores the political, economic, and social changes that have shaped the United States into the country it is today. In the first semester students will study the settlement of the New World, the growth of the American Colonies, the development of the U.S. Constitution, national expansion and the War of 1812, and the U.S. Civil War and Reconstruction Era.

Second semester topics include the growth of U.S. industry, World War I, the twenties, the Great Depression, World War II, and the Korean and Vietnam Wars. Lessons also examine contemporary America from the 1960s to the present. Included is a section on the terrorist attacks on 9/11. Projects include an essay on foreign policy, Seward's proposal of Alaska, and a report analysis on containment policy during the cold war. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.



# Government and Economics

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- International Governments
- United States Government
- The American Party System
- History of Government
- The Christian and His Government
- Free Enterprise
- Business and You
- The Stock Market
- Budget and Finance
- Banking
- International Issues

Government and economics is intended to give students a solid foundation of understanding for college. The government section of this course explores the different types of governments and the principles and values of American democracy. First semester topics include the need for government and types of government, the U.S. government structure, the American party system of political parties and elections, and the history of governments. Students will also examine the Christian's role in government.

In the second semester of this course, students learn about free enterprise, world economics, the stock market, and personal finance. International issues such as global travel, trading partners, banking, and currency differences are also discussed. In-depth lessons include checking accounts, IRAs, credit cards, bank loans, and more. Projects include reports on the Supreme Court, Christian involvement in politics, and stock market investing. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.



# New Testament Survey

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAC

## Overview:

- Introduction to the New Testament
- The Gospels
- The Acts of the Apostles
- The Pauline Epistles
- The General Epistles
- The Revelation of Jesus Christ
- Biblical Literature: Job and Suffering
- How to Share Christ with Your Friends
- God's Will for Your Life
- Review

Give students the authority of the Bible! This Bible course offers an in-depth examination of the 27 books of the New Testament along with studies related to the question of human suffering, sharing Christ with others, and finding God's direction for one's life. The first semester covers an introduction to the New Testament, the Pauline and general Epistles, the Gospel authors, and the Acts of the Apostles.

The second semester covers the Revelation of Jesus Christ and the Seven Seals, biblical literature, Job's suffering and the sufferings of Christ, evangelism and outreach, and God's will for your life, and knowledge of personal gifts. Course units contain essays, quizzes, and tests to evaluate progress and student mastery.



# Old Testament Survey

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAK

## Overview:

- Creation to Abraham
- Abraham through Joseph
- The Exodus and Wanderings
- Israel in Canaan
- The Judges and Spiritual Decline
- The Kingdom
- The Divide Kingdom
- The Remaining Kingdom
- The Captivity
- The Restoration

Travel the stories of the Old Testament with this high school survey course.

This course provides an overview of the authorship and contents of the entire Old Testament, particularly noting how God worked in history to prepare people for the coming of His Son. First semester topics include Creation and the Flood, Abraham and Isaac, lineage to Joseph, the Exodus of God's people, Israel in Canaan and Joshua, the Judges, and spiritual decline.

Continuing in the second semester, students examine the Kingdom of Israel under Saul, David, and Solomon; the Divided Kingdom; the captivity and stories of Jeremiah, Ezekiel, and Daniel; the Prophets; and the Restoration with the rebuilding of the temple and the walls of Jerusalem. Course units contain essays, quizzes, and tests to evaluate progress and student mastery.



# Bible Doctrine

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- The Faithfulness of God
- Romans Part I
- Romans Part II
- The Doctrine of Jesus Christ
- The Nation of Israel
- The History of the Canon
- Friendship, Dating, and Marriage
- The Pursuit of Happiness
- Apologetics
- Review

This Bible doctrine course provides a practical, non-denominational presentation of Bible themes particularly suited to helping high school young people. In this course, students learn how biblical doctrine applies to daily living. Topics in the first semester include God's faithfulness, the story of Paul and the Romans, the doctrine of Jesus Christ, and the Hebrew nation of Israel.

In the second semester, students cover the history of the canon and the formation of the Old and New Testaments. Practical daily life topics include the responsibilities of friendship, and the definitions of dating and purpose of marriage. A section on apologetics and questions on the doctrine, application, and integrity of the Bible are studied. Course units contain essays, quizzes, and tests to evaluate progress and student mastery.



# Christian Faith and Living

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Knowing Yourself
- Christian Ministries
- Choosing a Ministry
- The Godhead
- The Attributes of God: Holiness and Goodness
- The Epistles of James and John
- Biblical Literature: Daniel
- Comparative Religions
- Wisdom for Today's Youth
- Practical Christian Living

The Christian faith and living course presents a variety of lessons useful for young people about to make important decisions affecting the future direction of their lives. First semester topics include understanding personal uniqueness, determining spiritual gifts, Christian ministry options, the view of the Godhead, and God's holiness and goodness.

Furthering application of biblical lessons, the course continues with second semester topics such as comparative religions, the lessons from the lives of David and Solomon, and practical Christian living. Biblical literature of the book of Daniel and the epistles of James and John are also studied. Course units contain essays, quizzes, and tests to evaluate progress and student mastery.



# Foundations for Living

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- What is a Biblical Worldview?
- Presuppositions
- The Doctrines of the Bible
- God's Creation
- The Family
- The Bible and Marriage
- Engagement to Parenting
- Christian Education
- Politics and Art
- Tying It All Together

Help students learn how to glorify God and live as Christian servants and leaders. Building a solid biblical worldview, this elective demonstrates that God's Word directly addresses practical instructions for daily life. First semester topics include biblical and conflicting worldviews, presuppositions and assumptions, the basis for truth, doctrine of the Bible, God's creation of man, the great commission, and fatherhood of God and its symbolism for men as the head of the family.

Second semester topics include building a solid foundation for a successful marriage, the roles of family members, dating versus courtship, the importance of Christian education, and Christianity applied to the study of art, music, and politics. Perfect for soon-to-be high school graduates, this elective is highly recommended to promote a foundation of solid Christian principles to apply to adult life. Course units contain essays, quizzes, and tests to evaluate progress and student mastery.



# American Literature

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** English I,  
English II

**Available in:** IGN, SOS, and  
LIFEPAC

## Overview:

- Early American Literature (1600-1800)
- Romantic Period (1800-1855)
- War and Reconciliation (1855-1915)
- The Modern Age (1915-1946)
- From Modern to Postmodern (1946-Present)

In this high school elective, students uncover the rich world of American literature. This course gives students a look at the beginnings and development of written works in America. Filled with works from renowned American writers and poets, this course is an excellent college preparatory supplement to the language arts curriculum for juniors or seniors.

One semester in length, this course includes works from the Puritan times through the post-modern age. Authors include Henry Wadsworth Longfellow, Walt Whitman, Edgar Allan Poe, Emily Dickinson, Mark Twain, Ernest Hemingway, and F. Scott Fitzgerald. The play *Our Town* is read in this course of study. Course units contain essays, quizzes, and tests to evaluate progress and student mastery.



# British Literature

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** English I,  
English II

**Available in:** IGN, SOS, and  
LIFEPAC

## Overview:

- The Middle Ages
- The Sixteenth Century
- The Seventeenth and Eighteenth Centuries
- The Nineteenth Century
- The Twentieth Century

In this high school course, students explore the rich world of British literature. This course gives students an in-depth look at the beginnings and development of written works in Great Britain. Filled with works from acclaimed British writers, this course is an excellent college preparatory supplement to the language arts curriculum for juniors or seniors.

One semester in length, this course includes works from the Middle Ages through the 20th century. Authors include William Shakespeare, John Bunyan, William Wordsworth, Lord Byron, Percy Bysshe Shelley, John Keats, Robert Browning, and C.S. Lewis. Works studied include *Beowulf*, *Le Morte d' Arthur*, and *The Taming of the Shrew*. Course units contain essays, quizzes, and tests to evaluate progress and student mastery.



# Consumer Math

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** Algebra I,  
Geometry

**Available in:** IGN, SOS, and  
LIFEPAC

## Overview:

- The Real Number System
- Modeling Problems in Integers
- Modeling Problems with Rational Numbers
- Proportional Reasoning
- More with Functions
- Measurement
- Plane Geometry
- Measures of Solid Figures
- Data Analysis
- Probability

This practical math elective trains students in mathematical applications used in everyday situations. Consumer math includes real-world examples and an emphasis on critical thinking skills to solve problems. Topics in the first semester include an overview of basic math skills, personal finance skills, statistics and home recordkeeping, taxes, insurance, and banking services.

Building financial literacy in your student, this course's second semester topics include credit cards and loan interest, purchasing items, discounts and markups, travel and transportation costs, vacation spending, retirement planning, and job related services. Encouraging solid financial habits, this course is essential for success in adulthood no matter students' desired career paths. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

**Additional Details:** A scientific or graphing calculator is required for this course. Course information reflects Switched-On Consumer Math. Content will differ slightly for LIFEPAC Consumer Math.



# Pre-Algebra

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** Algebra I

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- The Real Number System
- Modeling Problems in Integers
- Modeling Problems with Rational Numbers
- Proportional Reasoning
- More with Functions
- Measurement
- Plane Geometry
- Measures of Solid Figures
- Data Analysis
- Probability

Great as a refresher, pre-algebra is a full-semester math elective that introduces the use of mathematical equations to solve algebraic problems. Topics in the first semester include whole numbers, fractions, decimals, percents, ratios, and proportions. Students learn to calculate length, area, and volume in basic two-dimensional and three-dimensional geometric figures.

Additional topics include solids, variables, equations, formulas, probability, and statistics. Helping your high schooler prepare for upper-level algebra courses, this introductory course is a wonderful overview for those who need remedial work as material is a repeat of fundamentals taught in 8th grade math. Lessons include exercises with such as topics as exponents, graph analysis, inequalities, slope and intercept, plane geometry, and data analysis. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.



# Trigonometry

**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** Algebra II

**Available in:** IGN and SOS

## Overview:

- Right Triangle Trigonometry
- Graphing and Inverse Functions
- Analytic Trigonometry
- Trigonometric Applications
- Polar Coordinates
- Course Review

Get the right angle on college-prep with this math elective. trigonometry is a one-semester course that introduces the properties of trigonometric functions and their graphs. This course emphasizes graphing and to see how trigonometric functions work. Topics of study include right angle trigonometry, Pythagorean identities, graphing and amplitude, inverse functions, and analytical trigonometry.

Equipping students for upper-level math courses, this course includes additional topics like laws of sines and cosines, and polar coordinates. Students also apply trigonometry to real world problems. Lessons include exercises such as velocity, length of sides, reciprocal functions, and proving identities. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

**Additional Details:** Students require access to a scientific calculator for this course. A graphing calculator is not required.



# Earth Science

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEAC

## Overview:

- Dynamic Structure of Earth
- Forces and Features of Earth
- Features of Earth's Crust
- Shaping Earth's Crust
- Semester Review and Exam
- Earth's Water
- Earth's Atmosphere
- Earth's Weather and Climate
- Astronomy
- Semester Review and Exam

Uncover God's amazing world with this fun elective! Earth science explores the earth's structure, interacting systems, and place in the universe. First semester topics include earth's layers, plate boundaries, ecosystems, volcanoes and earthquakes, earth's crust and rock composition, and forces that shape the earth's crust such as erosion, water, glaciers, and wind.

Digging into the fundamentals of earth's design, this Bible-based course continues with second semester topics such as the earth's water systems, atmosphere and pollution, weather and climates, and astronomy. The earth's place in the solar system, orbit and planetary motion, and the structure of stars and galaxies are also discussed. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects and hands-on experiments included.

**Additional Details:** Science materials required for the projects in this course. Please find a list of required materials is available on the academy's website.



# Physical Science

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFEPAAC

## Overview:

- Structure of Matter I
- Structure of Matter II
- Energy I
- Energy II
- Machines I
- Machines II
- Science and Tomorrow
- Volume, Mass, and Density
- Our Atomic World
- Science and Tomorrow

Prepare students for chemistry and physics! Physical science is the perfect elective for providing students with a foundational understanding of physical science basics. First semester topics include physical properties of matter; atoms and molecules; elements and compounds; change in matter, acids and bases; and energy forms.

In the second semester of this elective, students cover lessons on magnetism, electricity, machines and the laws of force, friction and mechanical apparatuses, atomic and nuclear structures, and volume and mass. Also included is a section on science and tomorrow which reviews the impacts of humanity on environments and exploration. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects and hands-on experiments included.

**Additional Details:** Materials are required to complete the labs in this course. The academy recommends Home Science Tools as a resource for purchasing these specialized materials. Product codes are included with certain items to help parents purchase the correct materials from Home Science Tools. Please note: material covered in this course is the same content found in 8th and 9th grade science.



# Science 9

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN, SOS, and LIFE PAC

## Overview:

- Our Atomic World
- Volume, Mass, and Density
- Physical Geology
- Historical Geology
- Oceanography
- Astronomy
- Body Health (Part 1)
- Body Health (Part 2)
- Science and Tomorrow
- Review

Dive into science fundamentals with this exciting course! In 9th grade science, students explore topics in physical science, earth and space science, and life science. In the first semester, students study topics such as matter structure, volume and mass, earth structures and changes, geology and time measurement, and the basics of oceanography including ocean biology, currents and turbidity, and physical properties of the ocean.

Astronomy, constellations, and space explorations are topics that begin the second semester in this course. Additional lessons explore body health, infections and diseases, body defense mechanisms, and medical advances. This course is completed with a section on science and tomorrow which reviews the impacts of humanity on environments and exploration. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects and hands-on experiments included.

**Additional Details:** There are materials required to complete the labs in this course. The academy recommends Home Science Tools as a resource for purchasing these specialized materials. Product codes are included with certain items to help parents purchase the correct materials from Home Science Tools.



# Civics

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- A New Nation
- The Constitution
- Branches of Government
- Government by the People
- Relationship to the World

Today's students are tomorrow's voters. Teach citizenship responsibilities with Civics! Exploring the many facets of America's government, this one-semester elective covers the history and structure of government, political leadership roles, and worldwide politics, as well as federal, state, and local governments.

Lessons cover the U.S. Constitution and the Bill of Rights, the three branches of America's government, the election process, economics, comparative governments, and individual freedoms. This online academy course encourages students to understand the present system in America by looking at the past. Course units contain quizzes and tests to evaluate progress and student mastery.



# Civics and World Geography

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** LIFEPAAC

## Overview:

- The Heritage of the United States
- Our National Government
- State and Local Government
- Planning a Career
- Citizenship
- The Earth and Man
- Regions of the World
- Man's Environment
- The Tools of the Geographer
- Man in a Changing World

Expand students' understanding of government and the world's dynamic composition! The first semester of civics and world geography discusses the history and workings of national, state, and local governments, and the privileges and responsibilities of the individual citizen living within this political environment.

The second semester is a study of world geography in both physical and human geography. Lesson topics include earth and human interactions, geographical and political regions of the world, human affects on the environment, the tools of the geographer, and man's interaction in a changing world. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects and reports are included.



# State History and Government

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

Varies by state

State History and Government courses are available for each of the 50 United States. For the states of AK, CT, DE, HI, IA, ID, LA, MA, ME, MN, MS, MT, ND, NE, NH, NJ, NM, NV, RI, SD, UT, VT, WV, and WY, students develop their critical thinking and research skills as they complete the course by preparing reports on a variety of topics that include state government and leaders, a historical timeline, state growth and population, natural resources, economics and business, tourism and cultural distinctions, and Christian heritage and influence.

For the states of AL, AR, AZ, CA, CO, GA, IL, IN, KS, KY, MD, MI, MO, NC, NY, OH, OK, PA, SC, TN, TX, VA, WA, and WI, the course is organized in a five-unit format that includes lessons on state introduction, history and culture, government, economy, and citizenship. Research projects and essay questions are included.



# Twentieth Century American History

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Coming of Age
- Modern America Emerges
- Boom to Bust
- World War II and the Cold War
- Change, Continuity, and Conflict

Twentieth century American history is an elective that presents students with topics on political, economic, and social developments of the United States during the 20th century. This one semester course covers the Industrial Age, the Progressive Era, the Roaring Twenties, the Great Depression, and the civil rights movement. Additional topics include U.S. involvement in World War I, World War II, and the cold war. Students also examine how developments influenced present-day America.

Topics include an examination of the U.S. presidential terms of Nixon, Ford, Carter, and Reagan and the challenges they faced. Additional topics include a look at the way technology and social and religious changes have affected the American culture, workforce, and economy. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects are included.



# U.S. Civil War

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- The Pre-War Years
- The Early Years
- Turning Point
- War in the South
- Reconstruction of a Nation
- The Civil War in Review

Visit a major turning point in U.S. history! This history elective examines one of the most crucial turning points in American history – the U.S. Civil War. This one semester history course describes the major points of contention between the North and the South including differing viewpoints on slavery. Lessons examine why a clash in culture and beliefs led to the South's secession and the start of the U.S. Civil War.

In this course, students study the lives and actions of key figures such as Abraham Lincoln and Robert E. Lee, the leaders of the North and South, and gain a glimpse into the daily life of a soldier. By examining pivotal battles and troop movements, students gain an understanding of the importance of strategy in the war. The course also considers the aftermath of the war, including the Reconstruction Era. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects are included.



# U.S. Constitution

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- The Colonies Struggle for Independence
- A New Nation Is Formed
- Writing and Ratifying the Constitution
- Preamble and Article I
- Articles II-VII
- Amendments I-XV
- Twentieth Century Amendments
- The Principles and Nature of Our Constitution

Discover a true national treasure! This elective reviews America's origins and the steps that led to the formation of the U.S. Constitution. Students learn how important people and historical events influenced the writing of the United States' most important document. Students gain understanding of constitutional principles and the amendments and how they apply to everyday life.

Ideal for high school students who wish to better understand the supreme law of the United States, this elective examines the weakness of the Articles of Confederation, the meetings of the Constitutional Convention, the struggles of ratification, the articles and the outlining of the U.S. branches of government, and the ever-changing nature and future of the Constitution. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects are included.



# Vietnam Era

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- The Origins of U.S. Involvement in Vietnam
- From Military Advisors to Combat Troops
- A Nation Divided by War
- Achieving Peace with Honor
- The Legacy of Vietnam
- Course Review

Vietnam Era is an elective that helps students gain an in-depth look at the country of Vietnam and the factors that led to the Vietnam War and the United States' involvement in the war. Topics include the history of Vietnam through colonization and the World Wars, the rise of nationalism, the Gulf of Tonkin incident, Vietnam soldiers and Vietcong tunnels, the American effort, and the antiwar movement.

Additional lessons examine President Johnson and President Nixon's involvement in war policy, the invasion of Cambodia, secret diplomacy tactics, and the end of the war. The effects of the Vietnam War such as Nixon and Watergate, prisoners of war, aftermath on veterans, and U.S.-Vietnam relations today are also studied. Students explore how events of the war affected United States' politics, foreign policy, and society. Each unit of the course contains quizzes and a test to evaluate progress and student mastery. Projects are included.



# Basic Spanish

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Vocabulary
- Pronunciation
- Parts of Speech
- Sentence Patterns
- Translation
- Listening Comprehension
- Verb Tenses
- Pronouns
- Locations
- Action and Auxiliary Verbs
- Irregular Verbs
- Reading Comprehension

This introductory Spanish course places primary emphasis on learning Spanish vocabulary. Topics include a numbers, vocabulary building through narratives, pictographs, questions and answers, sentence building, verb conjugation and tenses, and compound tenses. This course also includes an overview of various Hispanic cultures.

Continuing in the second semester, students learn Spanish through a presentation of language in day-to-day conversations, such as a mother talking to a baby, a child answering the phone, being in a classroom, visiting Mexico, and listening to chatter at a royal ball. Fun stories such as “The Three Little Pigs,” “Red Riding Hood,” “The Three Bears,” and “The Boy Who Cried Wolf” are included to build vocabulary through storytelling. This course contains fun activities like recipes and tests to evaluate progress and student mastery.

**Additional Details:** Students can earn an elective credit by taking basic Spanish, but since it is not a college preparatory course, it does not count toward the foreign language requirement of the college prep track.



# Spanish I

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Vocabulary
- Pronunciation
- Parts of Speech
- Translation
- Listening Comprehension
- Verb Tenses
- Pronouns
- Locations
- Action and Auxiliary Verbs
- Irregular Verbs
- Reading Comprehension

This introductory Spanish course places primary emphasis on learning Spanish vocabulary. Topics include a numbers, vocabulary building through narratives, pictographs, questions and answers, sentence building, verb conjugation and tenses, and compound tenses. This course also includes an overview of various Hispanic cultures.

Continuing in the second semester, students learn Spanish through a presentation of language in day-to-day conversations, such as a mother talking to a baby, a child answering the phone, being in a classroom, visiting Mexico, and listening to chatter at a royal ball. Fun stories such as "The Three Little Pigs," "Red Riding Hood," "The Three Bears," and "The Boy Who Cried Wolf" are included to build vocabulary through storytelling. This course contains fun activities like recipes and tests to evaluate progress and student mastery.

**Additional Details:** Students can earn an elective credit by taking Basic Spanish, but since it is not a college preparatory course, it does not count toward the foreign language requirement of the college prep track.



# LIFEPAC Spanish I

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** LIFEPAC

## Overview:

- Introduction to Spanish
- At School
- The Home and the Family
- Around Town
- Pastimes
- In the Restaurant
- Weather and Culture
- Travel and Transportation
- A Typical Town
- Let's Use Our Spanish

LIFEPAC Spanish I is a basic Spanish course that teaches the fundamentals of Spanish grammar and vocabulary through such areas as home, school, work, weather, and more. This course enables students to learn basic Spanish grammatical concepts, common verb forms, pronunciation, basic vocabulary, and the most relevant aspects of the geography and culture of Spain and Latin America.

This fun-filled course has easy, step-by-step lessons and simple explanations that every student can follow. Topics covered include vocabulary-related numbers, months, seasons, time, colors, clothing, and basic parts of speech like nouns, verbs, and pronouns. Culture and geography of Spanish speaking countries from around the world is also studied. This course contains quizzes and tests to evaluate progress and student mastery.

**Additional Details:** LIFEPAC Spanish I includes an audio CD that helps students learn correct pronunciation of vocabulary words and develop Spanish listening skills. A print or online Spanish-English dictionary is recommended for lesson use.



# Spanish II

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Friends in the World
- Friends in Chile
- Friends in Venezuela
- Friends in Peru
- Friends in Colombia
- Review and Semester Exam
- Friends in Guatemala
- Friends in Bolivia and Ecuador
- Friends in Costa Rica
- Friends in Nicaragua

In Spanish II, students continue to travel with fictional characters to more Spanish-speaking countries, learning language and culture on the way. Language learning includes review of Spanish I material as well as the imperative and conditional forms of verbs, the passive se, more on adjective placement, uses of *por* and *para*, superlatives, and possessive adjectives.

This course builds students' knowledge of intermediate Spanish with fun conversation and dialogue. Lessons help students learn to read, write, and understand more complex Spanish words and sentences. Vocabulary words are presented in situational daily usage pertaining to life areas and events. Cultural differences and similarities are also examined. This course contains quizzes and tests to evaluate progress and student mastery. Projects are included.



# LIFEPAC Spanish II

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** LIFEPAC

## Overview:

- Grammar Review
- Forms of the Past Tenses
- Usages of the Past Tenses
- Possession and Present Participles
- Prepositions and Pronouns
- Comparisons and Negatives
- Future and Conditional Tenses
- Compound Tenses
- Adverbs and Commands
- Subjunctive Mood

LIFEPAC Spanish II is a basic Spanish course that teaches the more complex Spanish verbs and grammatical structures. This course expands students' knowledge of Spanish grammatical concepts, common verb forms, vocabulary, and enhances knowledge of the geography and culture of Spain and Latin America. This course also focuses on writing more complete sentences and short stories.

Lesson exercises include matching visuals with names or descriptions, answering in complete sentences, and answering oral questions. Vocabulary words focuses on health, travel, festivities, daily routine, and more. Parts of speech covered include nouns, verbs and tenses, adjectives, and adverbs. Mood, voice, sentence structure, and singular and plural conjugations are also practiced. This course contains quizzes and tests to evaluate progress and student mastery.

**Additional Details:** LIFEPAC Spanish II includes an audio CD that helps students learn correct pronunciation of vocabulary words and develop Spanish listening skills. A print or online Spanish-English dictionary is recommended for lesson use.



# Basic French

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Vocabulary
- Pronunciation
- Parts of Speech
- Translation
- Listening Comprehension
- Verb Tenses
- Pronouns
- Locations
- Action and Auxiliary Verbs
- Irregular Verbs
- Reading Comprehension

Give students a head start on French with this elective that focuses on learning French vocabulary. Topics include numbers, vocabulary building through narratives, pictographs, questions and answers, sentence building, verb conjugation and tenses, and compound tenses. This course also overviews various cultures of the French-speaking world.

Continuing in the second semester, students learn French through a presentation of language in day-to-day conversations, such as a mother talking to a baby, a child answering the phone, being in a classroom, visiting Quebec, and listening to chatter at a royal ball. Fun stories like "The Three Little Pigs," "Red Riding Hood," "The Three Bears," and "The Boy Who Cried Wolf" are included to build vocabulary through story telling. This course contains fun activities like recipes and tests to evaluate progress and student mastery.



# French I

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Welcome
- At School
- Family and Friends
- Leisure Time and Activities and Sports
- Holidays and Traditions
- In Town
- Enjoy Your Food
- Daily Life
- The Media
- Vacation

Learn French the fun way! Throughout French I, students accompany fictional characters, two Americans, studying French in an academic year abroad in France. The characters are staying with host families and will be learning the language, culture, and customs of people in France, as well as in other French-speaking countries. While traveling, students learn the basics of French including verb conjugation, moods, direct and indirect objects, demonstrative pronouns and adjectives, adjective placement, and other grammatical items.

Vocabulary words are presented in situational daily usage such as greetings, alphabet, numbers, geography, schooling, family and friends, leisure time, sports, celebrations, traditions, food, daily life, the media, and summer vacations. Cultural differences and similarities are also examined. This course contains quizzes and tests to evaluate progress and student mastery.



# French II

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Let's Go Shopping!
- At Work
- At the Movies
- In Town and in the Country
- Health
- Winter Vacation
- Fashion
- In the Art Museum
- At the Beach
- Rites of Passage

Continue students' study of French!

Throughout French II, students continue to accompany fictional characters who are studying French in an academic year abroad in France. This course continues to build on lessons taught in French I and provides further exposure to French culture, grammar, and vocabulary. Lessons review verbs, demonstrative adjectives, direct object pronouns, and basic sentence structure

Vocabulary words are presented in situational daily usage such as shopping, work, movies, city and country life, health issues, winter vacations, fashion, art, beach, and stages of life. Cultural differences and similarities are also examined. This course contains quizzes and tests to evaluate progress and student mastery.



# Art

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** LIFEPAC

## Overview:

- Concepts in Design
- Principles of Color
- Design Personality
- Perspective
- Figure Drawing
- Sculpture
- Comics
- Printmaking
- Calligraphy
- Art Appreciation

Give students a fun, diverse art elective! This basic art course is presented in a practical, hands-on format designed for beginners. LIFEPAC Art gives students a comprehensive introduction to art, design, and composition. A broad scope of fundamental art topics is studied including principles of color, styles of art, idea generation, and perspective.

Students also learn different art styles and how to apply personality into artwork. Best of all, previous art experience is not required! Hands-on activities include drawing, printmaking, cartoons, calligraphy, and sculpture. A section on art appreciation that covers the purpose of art, movements and styles, and basic art forms is also included. This course contains quizzes and tests to evaluate progress and student mastery. Projects included.

**Additional Details:** This course requires art supplies. It is suggested that parents review each LIFEPAC prior to student use and record a list of needed supplies. Most supplies should be readily available at craft stores or art supply stores. (Please note that there are often several projects suggested, allowing you to choose projects that are which have the most affordable supplies.)



# Business Computer Information Systems I-A

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and  
LIFEPAC

## Overview:

- Communication Skills
- Business Technology
- Word Processing
- Spreadsheets
- Databases

Business Computer Information Systems I-A prepares students for a job in the modern business world. Students learn about technologies that are used in business and how to effectively and appropriately communicate with their co-workers. Topics include electronic communication skills, workplace skills, listening and constructive feedback, hardware vs. software, and business technology and technical terms.

Lessons continue developing students' understanding of computer systems with lessons on word processing, keyboarding, and projects on business document creation such as resumes, business letters, newsletters, and research reports. Basic spreadsheet skills, data entry and formulas, and general database usage and queries are also covered. This course contains quizzes and tests to evaluate progress and student mastery. Projects are included.

**Additional Details:** Keyboarding is a recommended prerequisite. For LIFEPAC, a multimedia CD is included to explore the use of technology applications within the course. (Neither course nor CD include software applications.) Software is required to complete projects within the course.



# Business Computer Information Systems I-B

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** Business Computer Information Systems I-A

**Available in:** IGN and LIFEAC

## Overview:

- Telecommunications Technology
- Desktop Publishing Technology
- Presentation Technology
- Computer Networks
- Computer Operating Systems

Continue students' study of business computer information systems! In Business Computer Information Systems I-B, students learn different ways that communication technologies are used together for effective and efficient communication. Topics of study include telecommunication technology, email ethics and Internet etiquette, desktop publishing and design considerations, and presentation technology.

Preparing students for success in the 21st century business world, lessons continue with informative topics on computer networks, computer operating systems, interfaces, programs, files, and desktop customization basics. Students also explore the differences between Macintosh®, Windows®, and Linux systems. This course contains quizzes and tests to evaluate progress and student mastery. Projects are included.

**Additional Details:** For LIFEAC, a multimedia CD is included to explore the use of technology applications discussed within the course. (Neither course nor CD includes software applications.) Software is required to complete projects within the course.



# Family and Consumer Science

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Christian Character and Appearance
- What's Cookin'
- Let's Eat
- The Clothes You Wear
- The Clothes You Sew
- Interior Decorating
- Your Home and You
- Financial Freedom
- Child Development and Care
- Relationships
- Concepts in Design

Preparing students for life, family and consumer science is the perfect supplement to any course of study. This fun, practical course teaches everything from Christian character to personal appearance. Lessons cover homemaking skills along with a focus on the importance of living a Christian life in the home. Topics in the first semester include nutrition and exercise, kitchen tools and safety, food categories and cooking, clothes and textiles, and sewing and pattern-making.

In the second semester, this course continues with lessons on interior design and room decoration, hospitality and entertaining guests, home repair, job searching, personal finance, child care and development, and building relationships. Character quality development and biblical applications to daily situations are also discussed. This course contains quizzes and tests to evaluate progress and student mastery. Projects are included.

**Additional Details:** In family and consumer science, hands-on projects require student responsibility for completion. Cooking assignments should be completed as directed and under adult supervision. Some sewing projects require use of a sewing machine. Most assignments and instructions are appropriate for both genders.



# Fundamentals of Programming and Software Development

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Software Development Trends
- Java Programming Skills
- Software Development Procedures & Techniques
- Career Opportunities

Introduce high school students to trends in software development with this hands-on programming course for Ignitia online curriculum. Programming students practice basic software development procedures and techniques through the writing of original Java programs. As they move through the course, students also study a variety of career opportunities available within the field of programming.

In addition, Fundamentals of Programming and Software Development fulfills the fine/practical arts graduation requirement at Alpha Omega Academy. Students who enroll in the course must download and install free software necessary for completing course projects. Download and installation instructions are provided in the course.



# Introduction to Information Technology Support and Services

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Career Preparation
- IT Industry Best Practices
- Leadership Skills
- Project Management
- Website Creation

Gain valuable information technology skills to be applied in the real world with this introductory course available in Ignitia. This elective prepares high school students to enter the IT industry by exploring best practices and helpful tools for technicians, project managers, and IT leaders. As students create websites and complete other practical projects throughout the semester, they learn what it's like to be employed by a technology company.

Introduction to Information Technology Support and Services is available to students in grades 9-12 and fulfills Alpha Omega Academy's fine/practical arts graduation requirement.



# Music Appreciation

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Discovering Music
- Music Fundamentals
- Beginnings of Music
- Developing Music
- Modern Music

Explore the value of music with music appreciation! This fun online academy elective for grades 9-12 fosters a deep appreciation and understanding for the purpose and development of music over the centuries. Examining music's role within society and culture, this course begins with a look at human interaction with music. Additional topics include music fundamentals, instrument types, and musical group categories.

The beginnings of music and musical periods are also reviewed. Continuing lessons in this course from our online academy, students cover musical forms and genres, classical composers, modernism and musical influence, and musical trends of the 20th century. An enriching fine art elective, this course is a helpful supplemental study for budding musicians and artists alike. This course contains quizzes and tests to evaluate progress and student mastery. Projects are included.



# Music Theory

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Rhythm and Meter
- Notation and Pitch
- Scales and Key Signatures
- Harmony
- Making Music
- Course Review

Hit the right note with your students! Music theory is a one semester course which introduces students to the foundations of music. Great for beginners, this elective covers concepts from counting and reading music to creating compositions. Ear training exercises are included to help students practice understanding and comprehension.

Topics covered include rhythm, time signatures, intervals, pitches, major and minor keys, transposition, and harmony. The online music writing application Noteflight® is used to write original compositions and is included within the course. Activities include creating a rhythmic piece, composing a melody, transposing melodies, and more. This course contains quizzes and tests to evaluate progress and student mastery. Projects are included.

**Additional Details:** This course requires access to a scanner.



# New Applications: Web Development in the 21st Century

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Website Development
- HTML Coding
- Embedding Media
- 3rd Party Integration

Gain hands-on experience in website design with this semester-long web development elective for Ignitia. Throughout the course, students study the art of building websites, blogs, and mobile apps. Valuable design skills, including html coding, embedding media, and integration with 3rd party websites, are put into practice throughout the semester.

This half-credit course is recommended for high school students interested in pursuing a career in computer science, web development, marketing, advertising, or media production. The online course also fulfills the fine/practical arts graduation requirement at Alpha Omega Academy.



# Office Applications I

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Microsoft® Word® Beginning Skills
- Microsoft® Word® Intermediate Skills
- Microsoft® Word® Advanced Skills
- Microsoft® Publisher® Application
- Microsoft® PowerPoint® Application

Prepare students for the real world after graduation with Office Applications I: Microsoft® Word®, PowerPoint®, and Publisher®. This online academy elective for grades 9-12 dives into the basics of office software applications, including using applications to design, develop, create, and share business documents.

Great for building practical skill sets, this five-unit course introduces students to general computer usage needs that employers look for and colleges recommend. Lesson topics include mail merge, tab stops, reference features, modification of documents, and collaboration of presentations. Course units contain quizzes and tests to evaluate progress and student mastery.



# Office Applications II

**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Microsoft® Excel® Spreadsheet Basics
- Creating Microsoft® Excel® Spreadsheets
- Microsoft® Excel® Graphical Representations
- Microsoft® Access® Database Basics
- Microsoft® Access® Forms, Queries, and Reports

Give students the skills needed to become accountants, vice presidents, and business owners with Office Applications II: Microsoft® Excel® and Access®. This practical five-unit elective for grades 9-12 teaches high school students how to design, develop, create, edit, and share business spreadsheets and database documents.

Perfect for soon-to-be graduates, this online academy course teaches marketable skills to enhance resumes for employment and college. Lesson topics include data entry, formatting, formulas, functions, charts, and more. Course units contain quizzes and tests to evaluate progress and student mastery.



# Technology & Business

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**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Business Technology
- Computer Operating Systems
- Word Processing
- Spreadsheets
- Databases
- Communications Skills
- Telecommunications Technology
- Presentation Technology
- Computer Networks
- Project Management

In Technology & Business for grades 9-12, students examine the fundamentals of business technology applications. This elective covers must-know skills such as appropriate technology use, operating systems, business documents, keyboarding, word processing, data management, and effective communication methods in the workplace.

Preparing students for college and working in the modern world, this online academy course includes topics like email guidelines, telecommunications, presentations, information management, and project management tools. Course units contain quizzes and tests to evaluate progress and student mastery.



# Accounting

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** LIFE PAC

## Overview:

- Accounting Overview
- Starting an Accounting System
- Analyzing and Journalizing Transactions
- Posting to the General Ledger
- Preparing the Worksheet
- Financial Statements for a Proprietorship
- Adjusting and Closing Entries
- Payroll Records
- Payroll Accounting, Taxes, and Reports
- Business Simulation

Helping teach money management skills, accounting is a comprehensive, two-semester elective that gives students a general overview of accounting fundamentals. Topics in the first semester include accounting terms and the nature of bookkeeping, the accounting equation, debits and credits, journalizing and posting transactions, and preparing worksheets and trail balances.

In the second semester, lessons continue with topics on proprietorship statements, owner's equity and balance sheets, adjusting and closing entries, payroll records and deductions, and employer taxes and reports. This course concludes with a section on applying skills to a business simulations situation. This course contains quizzes and tests to evaluate progress and student mastery.

**Additional Details:** Optional exercises are included for extra credit at the end of several units. These optional sections do not need to be submitted unless a student wants to receive extra credit toward his or her test score.



# Computer Literacy

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**Course Length:** 0.5 Semesters

**Credits:** 0.25 Credits

**Prerequisites:** None

**Available in:** LIFEPAAC

## Overview:

- Windows® 7 Basics
- Windows® 7 Advanced Topics

With computer literacy, students learn computer software with a step-by-step presentation that includes a helpful tutorial CD. Narration and practical exercises are included to build comprehension. This course focuses on building basic skills and understanding of the Windows® 7 operating system.

System requirements include a Pentium® PC or higher, DVD drive, 200 MB hard drive space, sound card with speakers or headphones, Windows® 7, 16 MB of RAM and a 1024 x 768m 16-Bit display. A tutorial CD guide is included to explain course content.



# Essentials of Business

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Business Career Choices
- Marketing and Advertising
- Business Management
- Group Dynamics and Business Ethics
- Business Communication and Technology

Introduce high school students to the business world with Essentials of Business, a one-semester elective for grades 9-12. Topics of study include functions of a company and effective management practices. Assignments emphasize student inquiry, research, writing, and applying business practices from a Christian perspective. External web resources enrich the learning process while encouraging the development of media skills.

Practical for soon-to-be graduates, this online course helps students apply business concepts to daily life and examine corporate citizenship. This online academy elective includes step-by-step explanations, helpful illustrations, and fun projects to promote comprehension. Additional topics include career choices, economics, business structures, team building, and business technology. Course units contain quizzes and tests to evaluate progress and student mastery.



# Fundamentals of Digital Media

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Media Production
- Website Design
- Social Media
- Game Design
- Media Effectiveness

Explore the various forms of digital media present in our world with Fundamentals of Digital Media for Ignitia. In this practical, online elective, students examine the ways digital media are employed within business settings. Topics of study throughout the course include media production, website design, social media, game design, and media effectiveness.

This semester-long, high school elective is ideal for students interested in entering the business world after graduation. The course is highly recommended for distance learners considering a career in marketing, small business, social media, web design, or advertising.



# Small Business Entrepreneurship

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Overview of Small Business Entrepreneurship
- Economics
- Financing
- Marketing
- Management and Business Plans

Inspire students to start their own businesses with Small Business Entrepreneurship! This one-semester elective for grades 9-12 is perfect for teens filled with ideas for innovation. Giving a bird's eye view of the moving parts of a business, this helpful five-unit course outlines business development, organization, and management.

Empowering the business leaders of tomorrow, this online academy course covers traits needed to be an entrepreneur, legal regulations, financing considerations, recordkeeping, marketing, and creating a business plan. Course units contain quizzes and tests to evaluate progress and student mastery.



# ACT Test Prep

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**Course Length:** 0.5 Semester

**Credits:** 0.25 Credits

**Prerequisites:** None

**Available in:** IGN

Prepare students in grades 9-12 for the ACT with content-specific instruction in English, math, reading, science, and writing. Plus, learn helpful test-taking strategies. Each individual unit focuses on a specific subject and ends with a practice test to evaluate progress. The course culminates with four full-length ACT practice tests.

Because of its unique length, ACT Test Prep is offered at a special discounted rate.

## Overview:

- Test Preparation
- English
- Math
- Reading
- Science
- Writing



# Careers in Allied Health

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

Explore the professional opportunities available within the field of health care! Careers in Allied Health for Ignitia online curriculum provides students with an overview of occupations in several different branches of the health care system.

The semester-long high school elective is ideal for those interested in learning more about nursing, physical therapy, dietetics, and other careers in health care.

## Overview:

- Introduction to Allied Health Careers
- Art and Technology
- Exercise Science and Patient Evaluation
- Health Informatics and Health Administration
- Counseling, Dietetics, and Choosing a Career in Allied Health
- Exam



# College Planner

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** LIFE PAC

## Overview:

- My Educational Future
- Choosing a College
- Entrance Exams and Applications
- Paying for College
- Non-college Options

College planner is designed to help students prepare for all aspects of college and career choice. This one-semester course guides students in evaluating their educational future, selecting a college based on goals, applying to colleges, college entrance exams, and admission essays.

Lessons continue with an examination of college affordability, including topics such as financial aid, the true cost of college, scholarships, and grants and loans. A section for non-college options such as apprenticeships, internships, and military is also included. Additional activities include preparing for interviews and seeking God's will for the future. This course contains quizzes and tests to evaluate progress and student mastery. Projects are included.

**Additional Details:** College planner is recommended to be taken in the sophomore or junior year of high school.



# Driver's Education

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**Course Length:** 1 Semester

**Credits:** 0.25 Credits

**Prerequisites:** None

**Available in:** LIFEPAAC

## Overview:

Varies by State (Visit [driversed.com](http://driversed.com) for information.)

The cost of the course at DriversEd.com varies by state. An outside elective fee must be paid to the academy. Use the code AlphaOmega when enrolling at DriversEd.com to earn 20% off the cost of the course. You must send in certificate of completion to get credit.

Currently, the states that recognize the DriversEd.com course in some capacity (satisfies driver's ed requirement, for example) are California, Colorado, Florida, Georgia, Minnesota, Nevada, Oklahoma, Pennsylvania, Texas, and Virginia. There are ongoing discussions between DriversEd.com and several other states, so this list may change at any time.



# Essentials of Communication

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** LIFEPAC

## Overview:

- Communication Foundations
- Language Characteristics
- Interpersonal Relationships
- Understanding Groups
- Presenting and Interpreting Public Messages
- Course Review

Essentials of communication shows students how to successfully interact with others in personal, professional, and public settings. Topics in this one semester elective include communication foundations, perception influences, characteristics of language such as verbal and non-verbal communication, listening barriers, and interpersonal relationships.

Perfect for filling graduation requirements, this course continues with valuable lessons on communication etiquette, job interview preparation, group dynamics, leadership styles, and public speaking. Practical application exercises allow students to practice skills such as writing a speech and presenting it, conducting interviews, or attending local community meetings. This course contains quizzes and tests to evaluate progress and student mastery.

**Additional Details:** For LIFEPAC students, this course has some differences from other LIFEPAC courses. At the end of each LIFEPAC, two biblical connection projects are included. These projects are a required part of this course and must be completed and checked by the parent, and verification forms must be returned for each quarter with student and parent signatures.



# Fundamentals of Computer Systems

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Operating Systems
- Configuring Computer Settings
- Installing Programs
- Computer Security
- Troubleshooting Errors

Whether students long for a career in technology or just want to learn more about computers, Fundamentals of Computer Systems is the perfect fit. During the one semester online course, students practice configuring computer settings, installing programs, and troubleshooting errors while studying operating systems and computer security.

Ideal for college and career preparation, Fundamentals of Computer Systems is particularly beneficial for high school students who desire a career in information technology or software development. Unlike many other Ignitia computer courses, Fundamentals of Computer Systems does not meet Alpha Omega Academy's practical arts requirement.



# High School Health

**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** LIFE PAC

## Overview:

- Body Essentials
- Physical Health
- Social and Mental Health
- Preventative Health Care and First Aid
- Responsible Living

Give students a guide for healthy living and wellness with this Bible-based high school elective, which presents health from a Christian perspective. Viewing mankind as the crown of God's creation, this course reviews human anatomy and physiology including body systems. This course outlines the development of the human body from conception to adulthood.

Topics include physical health and nutrition, exercise programs, mental and social health, and personal hygiene. Additional lessons explain home safety and basic first aid skills. This course concludes with an emphasis on responsible Christian living and outlines avoiding diseases and substance abuse, caring for the ill, and relationships between health and the environment. This course contains quizzes and tests to evaluate progress and student mastery. Projects are included.

**Additional Details:** For LIFE PAC students, this course has some differences from other LIFE PAC courses. At the end of each LIFE PAC, two biblical connection projects are included. These projects are a required part of this course and must be completed and checked by the parent, and verification forms must be returned for each quarter with student and parent signatures.



# Introduction to Information Technology

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Communications Technology
- Information Systems
- Project Management
- Mobile Applications
- Internet Utilization

Introduction to Information Technology helps high school online learners build a foundation for a career in information technology or software development. Students become familiar with the world of corporate information technology as they explore what it's like to work as an IT professional.

Throughout the semester-long elective, students study communications technology, information systems, project management, mobile applications, and Internet utilization. Please note that this course does not meet Alpha Omega Academy's practical arts requirement.



# Introduction to Network Systems

**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN

## Overview:

- Information Technology
- Network Layers & Construction
- Network System Operation
- Network Security
- Local Area Networks
- Wide Area Networks

Lay the foundation for a career in computer science or information technology by exploring how network systems operate. Ignitia's Introduction to Network Systems helps online learners in grades 9-12 gain a basic understanding of the protocols and hardware used to build computer networks. Through the examination of network layers, students discover how the layers work together to help small or midsize networks function.

In addition, students study topics including Local Area Networks, Wide Area Networks, and network security throughout the semester. Worth 0.5 credits, this high school elective is ideal for students who plan to pursue work in the IT industry after graduation



# Personal Financial Literacy

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**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Financial Responsibility and Decision Making
- Careers and Income
- Money Management
- Saving and Investing
- Credit, Debt, and Consumer Skills

Teach financial responsibility! With Personal Financial Literacy, students in grades 9-12 receive an overview of solid money management skills for life. Practical and invaluable for soon-to-be graduates, this online academy course covers topics such as evaluating personal finances, making wise money decisions based on goals, exploring careers and income, and reviewing tax forms.

Additional lessons cover essential skills such as planning a budget, choosing a checking account, evaluating financial institutions, managing risks, and saving and investing. Giving students an overarching view of financial planning for a strong future, this course from our online academy includes math-themed projects such as choosing a savings method and managing a checkbook. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.



# Physical Education

**Course Length:** 2 Semesters

**Credits:** 1 Credit

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- Basic Rules and Principles of Sports
- Fundamental Sport Skills
- History of Sports
- Cardiovascular Fitness
- Week 1 Log
- Week 2 Log
- Week 3 Log
- Week 4 Log
- Week 5 Log
- Week 6 Log

Learn the basic rules, fundamental skills, and history of several sports in Physical Education. Throughout the year, students in grades 9-12 study the basics of football, basketball, baseball, volleyball, gymnastics, and more. Though the course is designed for beginners, it also serves as a good refresher for students with more advanced skills.

Access to a gym or track is ideal, as coursework also includes mile-long walks and runs, workouts with balls and other exercise equipment, and a series of 10 activities or drills to be completed by the student. Second semester coursework requires students to keep six three-week exercise logs as they complete their coursework.

**Additional Details:** AOA can work to accommodate students who can't find access to specified equipment and facilities.



# Physical Fitness

**Course Length:** 1 Semester

**Credits:** 0.5 Credits

**Prerequisites:** None

**Available in:** IGN and SOS

## Overview:

- An Overview of Fitness
- Flexibility Training
- Cardiovascular Fitness
- Resistance Training
- Motivation and Mindset
- Course Exam
- Log 7
- Log 8
- Log 9
- Log 10
- Log 11
- Log 12

In physical fitness, students learn about the components and importance of an active lifestyle. Students learn about the benefits of physical activity and good nutrition, mental and emotional benefits of exercise, correct motion and breathing, and the value of warming up and cooling down. Flexibility, levels of cardiovascular fitness, and strength training and conditioning are also discussed.

Lessons help explain calorie burning, resistance training, isolating exercises to focus on certain body locations, and ways to stay motivated. Developing a correct mindset and realistic goals is also covered. Some course work must be done outside of the online classroom, and students have the opportunity to try different exercises and keep a log of activities.

**Additional Details:** This course requires a fitness log of physical activity.



# ALPHA OMEGA ACADEMY

"A Better Way to Teach, A Better Way to Learn"™

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