

NFC Academy
High School Curriculum
Grades 9-12
2011-12

NFC Academy
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English I

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 *Worker* and *Twenty Thousand Leagues under* and poetry, speech and communication, drama, and the novel. Two of works studied in the course are *The Miracle the Sea*.

Through this course, students cover in-depth grammar topics such as parts of speech, verb sentence structure. Moving into English literature and usage, the course also has units in letter writing, drama elements and history, imagery and symbolism, types of novels, subject matter, and plots of 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

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: English I or equivalent

General Overview of Course

- 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: .5 per semester

Prerequisites: English II or equivalent

General Overview of Course

- 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 in nonfiction, American drama, the American novel, research, 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 course contains quizzes and a test to evaluate progress and student mastery.

English IV

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: English III or equivalent

General Overview of Course

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

English IV is the capstone course in English intended to prepare the 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 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 to evaluate progress and student mastery.

American Literature

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 study in the language arts curriculum for juniors and 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 the course of study. Course units contain essays, quizzes, and tests to evaluate progress and student mastery.

British Literature

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 beginning and development of written works in Great Britain. Filled with works from acclaimed British writers, this course is an excellent college preparatory study in the language arts curriculum for juniors and 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 Shelly, 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.

Algebra I

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of the Course

- Foundations of Algebra
- Linear Equations
- Functions
- Inequalities
- Linear Systems
- Semester Exam
- Polynomials
- Exponential and Radical Equations
- 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 the real world examples.

Providing a complete overview, Algebra I includes topics such as properties, equality, various equations, unknowns, coordinated 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: .5 per semester

Prerequisites: Algebra I

General Overview of the Course

- 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. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

Algebra II

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: Algebra I, Geometry

General Overview of the Course

- 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: .5 per semester

Prerequisites: Algebra II

General Overview of the Course

- 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.

Trigonometry

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: Algebra II

General Overview of the Course

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

Get the right angle on college-prep with trigonometry. 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.

Materials needed for this course will include access to a scientific calculator.

Pre-Algebra

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None.

General Overview of the Course

- 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 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 the basic two-dimensional and three-dimensional geometric figures.

Additional topics include solids, variable, 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 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.

Consumer Math

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of the Course

- Basic Math Review
- Personal Finance
- Statistics
- Taxes and Insurance
- Banking Services and Investments
- Banking and Credit Costs
- Purchase and Sale of Goods
- Leisure, Travel, and Retirement
- Job Related Services
- Consumer Math Review

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 the student's desired career paths. Each unit of the course contains quizzes and a test to evaluate progress and student mastery.

Essentials of Math

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of the Course

- Number Sense
- Statistics, Data Analysis, and Probability
- Algebra and Functions
- Measurement and Geometry
- Mathematical Reasoning
- Algebra I

This math course is excellent for review and improvement of math skills. The seven-unit course reinforces algebra, geometry, statistics, and measurements with multimedia lessons.

Essentials of Math blends education and entertainment, this seven-unit math elective for grades 8-12 has access to numerous multimedia elements to liven up the curriculum. Video clips, audio files, animation, and interactive games help teach, review, and reinforce the fundamentals of algebra, geometry, statistics, measurements, and numbers. Designed for remedial or advanced work.

General Science I

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- What Is Science?
- Perceiving Things
- Earth in Space I
- Earth in Space II
- The Atmosphere
- Weather
- Climate
- The Human Anatomy I
- The Human Anatomy II
- Working in Science

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.

General Science II

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- Science and Society
- Structure of Matter I
- Structure of Matter II
- Fishing Communities
- Energy I
- Energy II
- Machines I
- Machines II
- Balance in Nature
- Science and Technology

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.

General Science III

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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.

From A&O Publications 2010-11 Elementary and Middle School Course Catalog.

Integrated Physics and Chemistry

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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: .5 per semester

Prerequisites: None

General Overview of Course

- 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 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: .5 per semester

Prerequisites: None

General Overview of Course

- 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

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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: .5 per semester

Prerequisites: None

General Overview of Course

- 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

Course Length: 2 Semesters

Credits: .5 per semester

U.S. History

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 the 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: .5 per semester

Prerequisites: None

General Overview of Course

- 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.

State History and Government

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 distinction, 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

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 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

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- The Origin 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.

Civics

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- The United States Constitution
- The Branches of Government, and
- The Roles of Individual Citizens.
- State Government
- Local Government,
- The Election Process
- Worldwide Politics
- Economics.

Teach your home school student responsible citizenship with NFC Academy Civics. This biblically-based curriculum offers students a thorough study in civics. The course combines education and entertainment with multimedia lessons from NFC Academy in a fun and interactive way.

This computer-based program teaches important topics such as the Constitution, branches of government, and the roles of individual citizens, state and local government, the election process along with worldwide politics and economics. The online lessons have access to numerous multimedia elements. Units have quizzes and tests to evaluate progress and student mastery.

New Testament Survey

Course Length: 2 Semesters

Credits: 1 per semester

Prerequisites: None

General Overview of Course

- 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

This course gives students the authority of the Bible. It 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 Epistle, 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

Course Length: 2 Semesters

Credits: 1 per semester

Prerequisites: None

General Overview of Course

- Creating to Abraham
- Abraham through Joseph
- The Exodus and Wanderings
- Israel in Canaan
- The Judges and Spiritual Decline
- The Kingdom
- The Divided 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 authorships 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

Course Length: 2 Semesters

Credits: 1 per semester

Prerequisites: None

General Overview of Course

- 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 students. In this course, students learn how biblical doctrine applies to daily living. Topics in the first semester include God's faithfulness, the story of Paula 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 unites contain essays, quizzes and tests to evaluate progress and student mastery.

Christian Faith and Living

Course Length: 2 Semesters

Credits: 1 per semester

Prerequisites: None

General Overview of Course

- 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, the practical Christian living, Biblical literature of the book of Daniel and the epistle of James and John are also studied. Course unites contain essays, quizzes and tests to evaluate progress and student mastery.

Foundations for Living

Course Length: 2 Semesters

Credits: 1 per semester

Prerequisites: None

General Overview of Course

- 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

Foundations for Living helps 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 it's 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 Christina 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 test to evaluate progress and student mastery.

Secondary Spanish

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

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

Start at the beginning with this introductory Spanish course that places primary emphasis on learning Spanish vocabulary. Topics in basic Spanish include a Hispanic culture overview, learning numbers, vocabulary building through narratives, pictographs, questions and answers, sentences building, verb conjugation and tenses, and compound tenses. This course also includes overviews of various cultures of the Spanish-speaking world.

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 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. *From A&O Publications 2010-11 Elementary and Middle School Course Catalog.*

Spanish I

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- Friends in the World
- Friends in the U.S.
- Friends in Mexico
- Friends in Argentina
- Friends in Honduras and El Salvador
- Friends in Puerto Rico
- Friends in Spain
- Friends in Cuba
- Friends in the Dominican Republic
- Friends in Panama

In Switched-On Spanish I, students accompany fictional characters and go on a trip to nine Spanish-speaking countries and Puerto Rico. While traveling, students learn the basics of Spanish verb conjugation in the indicative and subjunctive 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 describing emotions, eating, travel, health, safety, education, hobbies, family and other 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.

Additional Details: A print or online Spanish-English dictionary is recommended for lesson use.

Spanish II

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 Switched-On 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 verb, 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

French I

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 test to evaluate progress and student mastery

French II

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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

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 test to evaluate progress and student mastery.

Business Computer Information Systems I-A

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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 spreadsheets 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. Software is required to complete projects within the course.

Computer Literacy

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- Worktext 1
- Worktext 2

With computer literacy, students learn computer software programs with a step-by-step presentation that includes a helpful tutorial CD. Narration and practical exercises are included to build comprehension. Each course focuses on building basic skills and understanding of each application studied. Software courses of study include Windows 7, Windows XP, Word 2002 (XP), Access 2000, PowerPoint 2000, Outlook 2000, FrontPage 2000, and Excel 2000.

Additional Details: System requirements for computer literacy courses include: Pentium PC or higher, DVD drive, 200 MB hard drive space, sound card with speakers or headphones, Microsoft XP or higher, 16 MB of RAM and a 1024 x 768m 16-Bit display. A tutorial CD guide is included to explain course content. (CD does not include software applications.) Software is required to complete projects within the course.

Physical Fitness

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- An Overview of Fitness
- Flexibility in 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.

As shown in the overview of the course students are required to maintain a log of physical activity.

College Planner

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

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

This online five-unit elective discusses seeking God's will, college applications, financial aid, interviews, and non-college options. This curriculum also includes practical lessons about selecting a college, tips on applying for financial aid, conducting successful interviews, and studying for the ACT or SAT entrance exams. There is also a section on non-college options for students to consider.

Health Quest

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- Your Body
- Health
- Nutrition and Fitness
- Health Maintenance
- Stewardship

This online elective teaches about nutrition, fitness, health maintenance, emergency planning, and more. Videos, audio files, and interactive games also are included to create engaging lessons. This Bible-based, five-unit elective covers body growth, mental and emotional health, basic food groups, emergency planning, proper exercise techniques, and more.

High School Health

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

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

This course available for grades 8-12 teaches about physical health, mental health, proper eating habits, drug use, immunizations, and more. This online course combines education and entertainment to teach relevant topics for today's youth from a Christian worldview. The course covers spiritual, social, emotional, and environmental well-being with in-depth studies on tobacco and drug use, personal health, first aid, nutrition, home safety, and responsible Christian living.

Essentials of Communications (Speech)

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

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

Essentials of communication show students how to successfully interact with others in personal, professional, and public settings. Topics in this one semester course 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 skill such as writing a speck and presenting it, conducting interviews, or attending local community meetings. This course contains quizzes and tests to evaluate progress and student mastery.

Foundations for Living, Studies in the Christian Worldview

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- Practical Bible Instructions about Marriage,
- Education,
- Practical Art
- Politics from a Biblical Worldview
- Creation and Family
- Marriage Relationship,
- Family Information
- Parenting

The home school student learns the importance of living a biblical lifestyle with NFC Academy's Foundations for Living, Studies in the Christian Worldview lessons teach about creation, marriage, family, parenting, education, art, and politics.

Coming from the biblical worldview the course will show how the Bible has practical instructions about marriage, education, art, and politics. This exciting program also uses video tutorials, audio files, and games to reinforce comprehension.

Family and Consumer Science

Course Length: 2 Semesters

Credits: .5 per semester

Prerequisites: None

General Overview of Course

- 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

Family and Consumer Science prepares student 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. The 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.

Music Theory

Course Length: 1 Semester

Credits: .5 per semester

Prerequisites: None

General Overview of Course

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

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 signature, intervals, pitches, major and minor keys, transposition, and harmony, the online music writing application 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 test to evaluate progress and student mastery. Projects are included.

Additional Details: This course requires access to a scanner.

