Liberty University Online Academy Electives
2013-2014 Academic Year
($247.50 per .5 credit and $495.00 per 1 credit hour)

**Language Arts Electives:**

**American Literature**
Credit: 0.5
This one semester course uses a survey format to provide students an understanding of the beginnings and development of written works in America from 1600 to the present day. Students learn the philosophical premises that shaped the thinking of American writers and led eventually to modernist and postmodernist thought expressed in current literature. Filled with works from renowned American writers and poets, this course is a valuable supplement to English 11. It is highly recommended for the college-bound student.

**British Literature**
Credit: 0.5
In this one semester survey, students gain an understanding written works in Great Britain from the middle ages to present time. Students will learn the philosophical premises that shaped the thinking of British writers in the middle ages, renaissance, neoclassical, romantic, and Victorian ages that led to the Modern Era. Filled with works from acclaimed British writers, this course is a perfect supplement to the English 12 curriculum. It is highly recommended for the college-bound student.

**Spanish I**
Credit: 1
This course is designed to enable the student to ask and answer basic questions, initiate and respond to simple statements, and maintain limited face-to-face conversations about familiar topics. The course shall include basic verbal communication, geography and culture, and grammar and written communication.

**Spanish II**
Credit: 1
This course is designed to fulfill the requirements of “Standards for Foreign Language Learning.” This course, advancing the skills mastered in Spanish I, shall include “participation in the multilingual community”, geography and culture, relationships between practice, products, and perspective, insights into the nature of language and culture, and continued personal development in grammar and vocal and written skills.

**Secondary Spanish**
Credit: 1
Secondary Spanish is designed as a review of the elements of Spanish fundamentals. The course is used as a third year offering of Spanish language and cultural exposure for LUOA students. This course is not designed as an advanced Spanish course, but it is designed to provide students with a third year of foreign language experience to fulfill graduation requirements for an advanced diploma.
French I
Credit: 1
French I is an entry-level high school foreign language course which explores the French language through communication, culture, connections, comparisons, and communities. Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency. This course gives students an introduction into the mechanics of the French language, acquaints them with the cultural differences of francophone countries, and helps them gain a keen awareness of their own culture.

French II
Credit: 1
French II builds on and reviews skills and concepts taught in French I through further exposure to communication, cultures, connections, comparisons, and communities. Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing and cultural competency.

Secondary French
Credit: 1
Secondary French is designed as a review of the elements of French fundamentals. The course is used as a third year offering of French language and cultural exposure for LUOA students. This course is not designed as an advanced French course, but it is designed to provide students with a third year of foreign language experience to fulfill graduation requirements for an advanced diploma.

Essentials of Communications
Credit: 0.5
This course is designed to show students how to successfully interact with others in personal, professional, and public settings. Students will learn about communication theories, characteristics of language, interpersonal relationships, group dynamics, and public speaking. Units contain practical application exercises that allow students to practice new skills learned. For example, students may write a speech and present it, conduct interviews, or attend local community meetings to practice and observe effective communication. Designed for students at the high school level, this course aims to equip students with knowledge that enables them to reach personal and professional goals, develop relationships, fulfill social obligations, and strengthen their sense of self-worth.

Mathematics Electives:

Consumer Math
Credit: 1
Consumer Math is full-year elective practical math course that does not count toward a student’s required math graduation requirements. Students are introduced to many ways in which math can be used in everyday life. Students gain practical advice on how to handle situations that involve money and math-related subjects. Course topics include:

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

**Pre-Calculus:**
Credit: 1
Pre-Calculus is a full-year course covering the material of the traditional high school pre-calculus course. This course continues students’ mathematical growth by focusing on the skills and methods of analytic geometry and trigonometry. In it, students will gain experience with algebraic techniques and methods, learn more about advanced number theory, and be introduced to basic calculus. This course also covers probability concepts, including permutations and combinations.

**Trigonometry:**
Credit: 0.5
Trigonometry is a one semester elective course dealing with triangle measurement. Trigonometric ratios are based on geometric concepts of similar figures that allow for indirect measurement. Early astronomers used spherical trigonometry and the chords in a circle to measure distances to stars. Today, plane trigonometry is applied to many fields such as surveying, physics, and engineering. Students will learn trigonometric functions, expressions, and applications. (Algebra II is a prerequisite for this course).

**Social Studies Electives:**

**State History**
Credit: 0.5
To meet the diverse student population enrolled in Liberty University Online Academy, a specific semester course is available for each of the 50 states. Topics 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. In addition to memorization of facts, students use critical thinking and research skills to prepare essays on history and culture, government, economy, and citizenship. This course is a valuable addition to the American History course.

**The Story of the Constitution**
Credit: 0.5
The Story of the Constitution is a one semester course exploring the origins of the United States and the steps that led to the formation of the Constitution. It covers the U.S. Constitution in detail; focusing on the historical background of this primary legal document, providing a detailed analysis of the Constitution and its amendments, and offering an evaluation of the
Constitution and its principles. Several unique appendices are provided, giving the student the complete text of the Constitution and amendments, an outline of the Constitution, biographies of all the signers of the Constitution and other Founding Fathers, and a list of recommended materials for further study.

**Vietnam Era**
Credit: 0.5
The Vietnam Era was a difficult time in the U.S. The long and unpopular war claimed 58,000 American and nearly three million Vietnamese lives. In this one semester course, students will look at the history of the war, how the U.S. got involved in Vietnam, and why the United States ultimately failed to achieve its objectives.

**Civil War**
Credit: 0.5
Civil War is a one semester elective course that gives students an in-depth look at the events surrounding a major turning point in American history. Students will follow societal and political issues of contention that eventually caused the secession of the South and started the Civil War. Students study the lives and choices of key figures, including Abraham Lincoln and the generals of the Northern and Southern armies. By examining decisive battles and troop movements, students will gain an understanding of the importance of war strategy. The course concludes with the aftermath of the war, including the time of Reconstruction.

**Twentieth Century American History**
Credit: 0.5
Twentieth Century American History is a history elective for high school students interested in examining American history during a century of change, continuity, and conflicts. Students examine America’s economic, political, governmental, cultural, and technological growing pains during the twentieth century. They will also consider the causes and effects of national and international cooperation, competition, and conflict.

**Science Electives:**

**Integrated Physics and Chemistry (IPC)**
Credit: 1
Integrated Physics and Chemistry is a physical science course designed for high school students needing a science course covering basic concepts found in chemistry and physics. Throughout the course, students will have opportunities to observe simulations, investigate ideas, and solve problems—both on screen and away from the computer. Topics included are matter, motion and forces, work and energy, electricity, magnetism, and waves.

**Physics**
Credit: 1
Physics is a general course intended to expose students to the design and order in the world that God has created. Students develop course concepts by utilizing the skills of experimentation, observation, and critical thinking. Too successfully function in this physics course, students should have completed or be enrolled in Algebra II. This course builds upon and requires the
student to make application of the foundational skills developed in physical science and shall include the following topics:

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

**Career & Technical Electives:**

**Family and Consumer Science**
Credit: 1
Filled with fun, relevant lessons, this formerly titled “Home Economics” course is the perfect supplement to any course of study because of its practical emphasis. This course teaches everything from Christian character and appearance to relationships. Students are taught about homemaking skills along with a focus on the importance of living a Christian life in the home. Added are steps on how to build solid financial skills and good character qualities.

**Business Computer Information Systems I-A**
Credit: 0.5
Business Computer Information Systems I-A is the first semester of a two-semester course that explores the use of technology applications in both business and personal situations. Keyboarding is a prerequisite for this course. While there are some keyboarding reviews in the course, there is no keyboarding instruction. The course provides the student with knowledge and skills in:

- Communication skills
- Business technology
- Word processing applications
- Spreadsheet applications
- Database applications

**Business Computer Information Systems I-B**
Credit: 0.5
Business Computer I-B is a continuation of the business computer high school elective that explores the use of technology in both business and personal situations. The course provides key knowledge and skills in the following areas:

- Telecommunications technology
- Desktop publishing technology
- Presentation technology
- Computer networks
- Computer operating systems

**Essentials of Business**  
Credit: 0.5  
This semester-long course is an introduction to the goals, processes, and operations of business enterprises for students. The main focus is on the functions that a company – whether a multinational corporation or a corner grocery store – must manage effectively to be successful. These include accounting, finance, human resource management, marketing, operations management, and strategic planning. Attention is also given to the legal environment in which businesses operate, and the importance of business ethics and corporate citizenship.

**Office Applications I: Microsoft® Word®, PowerPoint®, and Publisher®**  
Credit: 0.5  
This course guides students in understanding application skills in Microsoft® Word®, Publisher® and PowerPoint® 2010. Students will use these applications to design, develop, create, edit, and share business documents, publications and presentations. Microsoft® Word® is an introduction to advanced skills ranging from an understanding of the uses of Microsoft Word exploring mail merge, tab stops, reference, and additional features available in backstage view. In Microsoft Publisher, the student will create publications, including how to insert and edit publication items, and view, review, and share publications. Study in Microsoft® PowerPoint® will enable the student to create presentations, enter and modify content, modify and deliver presentations, and collaborate and share PowerPoint shows.

**Office Applications II: Microsoft® Excel® and Access®**  
Credit: 0.5  
Office Applications II provides instruction and practice to develop student skills in the use of Microsoft® Excel® and Microsoft® Access®. Students will use these applications to design, develop, create, edit, and share business spreadsheet and database documents. Microsoft® Excel® is an introduction to advanced skills ranging from basic spreadsheet terminology to exploring data entry, formatting, formulas, functions, charts, graphics, and additional features available in backstage view. Study in Microsoft® Access® will enable the student to create and modify tables, forms, queries, and reports.

**Small Business Entrepreneurship**  
Credit: 0.5  
This course is designed to provide an overview of running a business by examining the skills needed to effectively organize, develop, create, and manage a small business, while exposing students to the challenges, problems, and issues faced by entrepreneurs. Legal regulations and business ethics that affect small businesses are discussed. Students will develop an understanding as to how to apply proven economic concepts in making sound business decisions. They will also learn to analyze markets, identify target markets, and develop a small business management plan.
Technology and Business
Credit: 1.0
In this course, students will develop and hone technical skills, effective communication skills, and productive work habits needed to make a successful transition into the workplace or postsecondary education. Students will gain an understanding of emerging technologies, operating systems, and computer networks. They will create a variety of business documents including complex word-processing documents, spreadsheets with charts and graphs, database files, and electronic presentations. In addition, students will improve keyboarding speed and accuracy; use spreadsheets to calculate, graph, solve business problems, and make predictions; and perform data-management procedures using database technology.

Fine Arts Electives:

Digital Art
Credit: 0.5
Digital Arts introduces students to the effective use of digital cameras and the manipulation of digital images with imaging and editing software. Students also explore audio recording and editing, cinematography, and 3D technology. Project-based, this one-semester course places a strong emphasis on student inquiry, research, and writing.

Music Appreciation
Credit: 0.5
The goal of this semester-long course is to provide instruction in basic musical elements, trace the development and growth of classical music, and give students a strong foundation for a greater appreciation of music. Students will examine music in the world around them and discover how they experience music. They'll be introduced to the basic elements and sounds of music and instruments. Students will learn the names and backgrounds of several famous musical composers. Students will also learn how and where classical music began, how it developed over the centuries, and the ways in which music and culture affect each other. Lastly, students will examine the ways modern music has been influenced by classical music.

Music Theory
Credit: 0.5
Music Theory is a semester-length fine arts elective for high school students. The course is designed for students who have had experience in piano and/or a brass or woodwind instrument. Using the piano keyboard as a visual basis for comprehension, the course materials explore the nature of music. Throughout the series of assignments, ear training exercises are interspersed with the instruction of composition technique, building in students the ability not only to hear and appreciate music, but step-by-step, to create it in written form as well. This highly interactive course culminates in the students producing original compositions, which while based on standard notation, demonstrate facets of personal expression.
**General Electives:**

**Foundations for Living**  
Credit: 1  
Foundations for Living is a Christ-centered elective course created for your high schooler. This one-year course offers an in-depth look into God's Word and how to apply its lessons to everyday life. Plus, it also covers difficult issues your soon-to-be graduate will encounter in adulthood. Topics in this curriculum include man's purpose in the world, the Christian family and roles, dating and courtship, education, art, politics, and more! This invaluable elective will build your child's understanding of practical Christian living.

**College Planner**  
Credit: 0.5  
College Planner is a one semester elective course that allows students to begin the process of planning and preparing for college. Instruction focuses on the decision-making process of choosing a school, including the inquiry and application processes and financial requirements. Additionally, for those students who will not be attending college or university, the course surveys non-college options.