

The background of the entire page is a photograph of a large group of graduates. They are seen from behind, wearing dark blue academic caps with gold tassels and blue gowns. The focus is on the backs of their heads and shoulders, creating a sense of a large assembly.

COURSES

HCHC CO-OP

ACADEMIC SCHOOL YEAR 2020-2021

ELEMENTARY SCHOOL



KINDERGARTEN

Kindergarten Bible

BIBOKOO

Course Description

The Liberty University Online Academy's kindergarten Bible course encourages students to get to know the Bible. The students will learn about the lives of various people in the Bible. The Bible course teaches students how much Jesus loves them and will encourage them to pursue a personal relationship with Christ.

Prerequisite

N/A

Kindergarten Literacy

LANOKOO

Course Description

The Liberty University Online Academy's kindergarten literacy course encourages students to be active learners. The course incorporates phonics, writing, early reading, science, and social studies. The interactive Reading Eggs and Education City programs aid the student in the understanding and practice of various literacy skills. This course integrates a Biblical worldview within the numerous lessons and activities.

Prerequisite

N/A

Kindergarten Math

MATOKOO

Course Description

The Liberty University Online Academy's kindergarten math course engages students in various areas of mathematics. This course gives students an opportunity to connect a real-life Biblical worldview with everyday math situations. Students are provided with engaging, exciting, and interactive lessons that build upon one another.

Prerequisite

N/A

1ST GRADE

1st Grade Bible

BIB0100

Course Description

During this course, the student will explore important people in the Bible and what they can learn from them. They will also explore stories and verses in the Bible that teach them how to live their life for Jesus Christ. Each lesson asks them a question and then takes them through a lesson that helps them to find the answer. The life verse in each lesson is a verse they should practice and try to memorize to hide God's Word in their heart. At the end of each lesson, there is a prayer suggestion that teaches the student how to talk with God.

Prerequisite

N/A

1st Grade History & Geography

HIS0101

Course Description

The standards for first-grade students include an introduction to the lives of leaders in the history of Virginia and their contributions to the Commonwealth. Students should develop basic map skills. They should study the economic concepts of goods and services, consumers and producers, and making economic choices. Students should learn to apply the traits of a good citizen and recognize that communities in Virginia have local governments. They should learn that communities include people who have diverse ethnic origins, customs, and traditions, who make contributions to their communities, and who are united as Americans by common principles.

Prerequisite

N/A

1st Grade Literacy

LAN0100

Course Description

Developing literacy skills is a priority in the first grade. Reading is the priority in first grade. The student will be immersed in a text rich environment to develop communication skills, phonological awareness, phonetic skills, vocabulary, comprehension, and use reading materials as sources of information and enjoyment. The student will use a variety of strategies to read new words and will read familiar selections with fluency, accuracy, and expression. The student will continue to develop an understanding of fiction and nonfiction texts. The student will increase vocabulary and comprehension strategies by cross content reading with emphasis on materials in mathematics, science, and history and social science. The student will write in a variety of forms to communicate ideas. The student will continue to research to answer questions and solve problems by using available resources.

Prerequisite

- ☐ Student will know the alphabetical order of letters.
- ☐ Student is able to read and write small words.
- ☐ Student is able to form and write basic sentences. For example, "The cat is big."

1st Grade Math

MAT0100

Course Description

The first-grade standards place emphasis on counting, comparing, and ordering sets of up to 110 objects; recognizing and describing simple repeating and growing patterns; and tracing, describing, and sorting plane figures. Students' understanding of number is expanded through recognizing and describing part-whole relationships for numbers up to 10, solving story and picture problems using addition and subtraction within 20; using nonstandard units to measure; and organizing and interpreting data. Fractional concepts will be expanded through sharing scenarios involving halves and fourths. The acquisition of specialized mathematical vocabulary and language is crucial to a student's understanding and appreciation of the subject and fosters confidence in mathematics communication and problem solving. Problem solving is integrated throughout the content strands. The development of problem-solving skills is a major goal of the mathematics program at every grade level. The development of skills and problem-solving strategies must be integrated early and continuously into each student's mathematics education.

Prerequisite

N/A

1st Grade Science

SCI0101

Course Description

The first-grade standards continue to stress basic science skills in understanding familiar objects and events. Students are expected to begin conducting simple experiments and be responsible for some of the planning. Students are introduced to the concept of classifying plants and animals based on simple characteristics. Emphasis is placed on the relationships among objects and their interactions with one another. Students are expected to know the basic relationships between the sun and Earth and the relationship between seasonal changes and plant and animal activities. Students will also begin to develop an understanding of moving objects, simple solutions, and important natural resources.

Prerequisite

N/A

2ND GRADE

2nd Grade Bible

BIB0200

Course Description

This course will utilize Scripture and Bible characters to teach character in everyday life by applying what these historical people did in their part of history. Not only will students learn to apply positive character traits in their own daily living, they will learn Scripture through Bible verses and will learn how to apply these verses in life.

Prerequisite

N/A

2nd Grade History & Geography

HIS0200

Course Description

The standards for second-grade students include an introduction to the lives of Americans and their contributions to the United States as well as the heritage of the American Indians, past and present. Students should continue developing map skills and demonstrate an understanding of basic economic concepts. The students will identify selected American individuals who have

worked to improve the lives of American citizens. The students will recognize that the United States is a land of people who have diverse ethnic origins, customs, and traditions, who make contributions to their communities, and who are united as Americans by common principles.

Prerequisite

N/A

2nd Grade Language Arts

LAN0200

Course Description

Developing literacy skills continues to be a priority in the second grade. The student will be immersed in an environment filled with fiction and nonfiction texts, which relate to all content areas and personal interests. The student will expand vocabulary by speaking and listening effectively in classroom discussions, use a combination of strategies when reading, and read familiar selections with fluency, accuracy, and expression. The student will demonstrate comprehension skills by identifying main ideas, making and confirming predictions, questioning, summarizing, and drawing conclusions. Students will begin to make the transition to cursive handwriting. The student will understand writing as a process and will write in a variety of forms.

Prerequisite

N/A

2nd Grade Math

MAT0200

Course Description

The second-grade standards extend the study of number and spatial sense to include three-digit whole numbers and solid geometric figures. Students will continue to learn, use, and gain proficiency in the basic addition facts through the tens table and the corresponding subtraction facts. Students will begin to use U.S. Customary and metric units of measure; predict, using simple probability; and create and interpret picture and bar graphs. Students will work with a variety of patterns and will develop knowledge of equality by identifying missing numbers in addition and subtraction facts. Mathematics has its own language, and the acquisition of specialized vocabulary and language patterns is crucial to a student's understanding and appreciation of the subject. Students should be encouraged to correctly use the concepts, skills, symbols, and vocabulary identified in the following set of standards. Problem solving has been integrated throughout the six content strands. The development of problem-solving skills should be a major goal of the mathematics program at every grade level. Instruction in the process of problem solving will need to be integrated early and continuously into each student's mathematics education. Students must be helped to develop a wide range of skills and strategies for solving a variety of problem types.

3RD GRADE

3rd Grade Bible

BIB0300

Course Description

This course will utilize Scripture and Bible characters to teach character in everyday life by applying what these historical people did in their part of history. Not only will students learn to apply positive character traits in their own daily living, they will learn Scripture through Bible verses and will learn how to apply these verses in life.

Prerequisite

N/A

3rd Grade History & Geography

HIS0300

Course Description

The Liberty University Online Academy's 3rd Grade History Course provides students with exciting and engaging opportunities to explore historical events, people, and places that have helped to shape the United States. Biblical truths are woven continuously throughout the course, allowing students to see and experience God's incredible plan throughout history. The in-depth explorations pave a clear path for students to embrace past history patterns that are preparing them and future generations to be Christ-followers. A special student history showcase at the end of the course allows students to utilize their own special God-given talents, interests, and historical knowledge in a unique project.

Prerequisite

N/A

3rd Grade Language Arts

LAN0300

Course Description

The Liberty University Online Academy's 3rd Grade Language Arts course utilizes innovative technology resources and engaging activities for students. The course focuses on spelling, vocabulary, correct word usage, punctuation, capitalization, and the utilization of the parts of speech. The entire language arts course is interwoven with God's truths and principles. Literature selections will benefit students in developing strong reading comprehension and fluency skills. Additionally, creative writing strategies are used in this course to assist students in expressing their thoughts effectively.

Prerequisite

N/A

3rd Grade Math

MAT0300

Course Description

The Liberty University Online Academy's 3rd Grade Math Course provides students with exceptional opportunities to make real Biblical worldview connections to math through engaging and exciting lessons, materials, and activities. The math course utilizes a Biblical theme in each math module that helps the students to review their prior knowledge and continue to build a solid foundation for continued future knowledge. An end of the course math review and simulation allows the students to utilize their acquired math skills through an innovative process that will encourage and excite each student's interest in math.

Prerequisite

MAT0200

3rd Grade Science

SCI0300

Course Description

This course will provide the student with an opportunity to discover scientific topics through interactive and engaging activities and lessons. The student will study various aspects of God's creation, with Christian values as a guide. The truths of Creation and God's design will be interwoven throughout the course, allowing the student to learn sound scientific knowledge through a biblical worldview.

Prerequisite

SCI0200

4TH GRADE

4th Grade Bible

BIB0400

Course Description

Students will be immersed in God's Word in an effort to help students understand who God is, what He's done, and what He offers each individual. Students will study the life of Jesus, the Psalms, the Proverbs, the Fruit of the Spirit, how God deals with sin, and how God blesses obedience.

Prerequisite

3rd Grade

4th Grade History & Geography

HIS0400

Course Description

This course gives students an overview of how America came to be. Students will see the development of the new nation and study the events and people that contributed to the free America we live in today. Students will take a journey through Jamestown, the Revolutionary War, the Civil War, and present-day America.

Prerequisite

HIS0300

4th Grade Language Arts

LAN0400

Course Description

Fourth-grade language arts allows students to interact with exciting reading text, practice grammar skills, embrace the components of great writing, and spell grade level appropriate words. Students will enjoy reading books like *The Tale of Despereaux*, *Because of Winn-Dixie*, *Stone Fox*, *I Survived the Sinking of the Titanic*, *Chocolate Fever*, *Jackie Robinson*, and read a book about a Famous American. Students will complete a written and oral presentation on the Famous American book they choose.

Prerequisite

LAN0300

4th Grade Math

MAT0400

Course Description

Fourth grade math promotes problem solving skills by teaching students how to add, subtract, multiply, divide, average, and write the value of multi-digit numbers. Students learn how to apply mathematical concepts to everyday life using decimals, fractions, estimation, probability, measurement (US and Metric), graphs, word problems involving making change with money, and basic geometry.

Prerequisite

MAT0300

4th Grade Science

SCIO400

Course Description

Fourth grade science challenges students to gain a better understanding of God as they investigate the world through research, projects, and activities. The fourth grade science course is comprised of exciting units that cover the following: creation, space, weather, rocks and minerals, plants, insects, ecosystems, friction, force, and electricity.

Prerequisite

SCIO300

5TH GRADE

5th Grade Bible

BIB0500

Course Description

The Liberty University Online Academy's 5th grade Bible course encourages and teaches students the importance of daily Bible reading and Scripture memory. Through the utilization of God's Truths and engaging materials, students will explore the following topics: God's Judgment and Grace, the Armor of God, Fruits of the Spirit, Building Godly Character, and Obedience. Students will also study how they can be Christ followers and carry God's message around the globe and in their own community.

Prerequisite

N/A

5th Grade History & Geography

HIS0500

Course Description

Students will use skills for historical and geographical analysis to explore the early history of the United States and understand ideas and events that strengthened the union. The standards for this course relate to the history of the United States from pre-Columbian times until 1865. Students will continue to learn fundamental concepts in civics, economics, and geography as they study United States history in chronological sequence and learn about change and continuity in our history. They also will study documents and speeches that laid the foundation for American ideals and institutions and will examine the everyday life of people at different times in the country's history through the use of primary and secondary sources. The study of history must emphasize the intellectual skills required for responsible citizenship. Students will practice these skills as they extend their understanding of the essential knowledge defined by all of the standards for history and social science.

Prerequisite

HIS0400

5th Grade Language Arts

LAN0500

Course Description

In fifth grade, there is an emphasis on reading comprehension by comparing fiction and nonfiction texts. In fiction texts, students will explain plot development and conflict resolution and differentiate between first and third person points of view. Fifth grade students will have an increased emphasis on nonfiction reading by identifying authors' organizational patterns, and using the text to support opinions and conclusions. Students will continue to expand vocabulary using knowledge of roots, affixes, synonyms, antonyms, and homophones. Students will use the writing process to write in a variety of forms including narrative, descriptive, expository, and persuasive. Students will demonstrate the ability to collaborate with diverse teams working respectfully with others, using active listening skills, and showing value for individual contributions. Students will deliver multimodal presentations and compare/contrast a variety of techniques used in media messages. The student will demonstrate comprehension of the research process by evaluating the relevance, reliability, and credibility of information collected to create a research product. The student will define the meaning and consequences of plagiarism.

Prerequisite

N/A

5th Grade Math

MAT0500

Course Description

The fifth-grade standards place emphasis on number sense with whole numbers, fractions, and decimals. This focus includes concepts of prime and composite numbers, identifying even and odd numbers, and solving problems using order of operations for positive whole numbers. Students will develop proficiency in the use of fractions and decimals to solve practical problems. Students will collect, display, and analyze data in a variety of ways and solve probability problems, using a sample space, a tree diagram, or the Fundamental Counting Principle. Students will also solve problems involving volume, area, and perimeter. Students will be introduced to expressions with a variable. Students will solve problems using strategies including place value and the properties of addition and multiplication. All of these skills assist in the development of the algebraic concepts needed for success in the middle grades. Problem solving is integrated throughout the content strands. The development of problem-solving skills is a major goal of the mathematics program at every grade level. The development of skills and problem-solving strategies must be integrated early and continuously into each student's mathematics education.

Prerequisite

MAT0400

5th Grade Science

SCI0500

Course Description

The fifth-grade standards emphasize the importance of selecting appropriate instruments for measuring and recording observations. The organization, analysis, and application of data continue to be an important focus of classroom inquiry. Science skills from preceding grades, including questioning, using and validating evidence, and systematic experimentation, are reinforced at this level. Students are introduced to more detailed concepts of sound and light and the tools used for studying them. Key concepts of matter, including those about atoms, molecules, elements, and compounds, are studied, and the properties of matter are defined in greater detail. The cellular makeup of organisms and the distinguishing characteristics of groups of organisms are stressed. Students learn about the characteristics of the oceans and Earth's changing surface. The fifth-grade standards focus on student growth in understanding the nature of science. This scientific view defines the idea that explanations of nature are developed and tested using observation, experimentation, models, evidence, and systematic processes. The nature of science includes the concepts that scientific explanations are based on logical thinking; are subject to rules of evidence; are consistent with observational, inferential, and experimental evidence; are open to rational critique; and are subject to refinement and change with the addition of new scientific evidence. The nature of science includes the concept that science can provide explanations about nature, can predict potential consequences of actions, but cannot be used to answer all questions.

Prerequisite

SCI0400

MIDDLE SCHOOL

$$x^2 + y^2 = r^2$$

$$(x-h)^2 + (y-k)^2 = r^2$$

$$x^2 + y^2 + Ex + F = 0$$

$$I \left[\frac{d_1}{d_1 + d_2} \right]$$
$$\left[\frac{N}{2} (n-1) \right]$$

fred

6TH GRADE

6th Grade Bible

BIB0600

Course Description

Liberty University Online Academy's 6th grade Bible course teaches students that the Bible tells a consistent story of how God is seen in the lives of humans in the Old and New Testament and the story of the Messiah. Through the utilization of God's truths, engaging materials, and intriguing technology activities, students will explore the Old Testament books of Genesis through Chronicles. Additionally, students will research the lives of Biblical figures. Students will memorize, but most importantly apply Scripture to their lives, learn about important Christian character traits, and strengthen their faith. This course is designed to help students greatly expand their knowledge of the Bible and how it applies to their lives.

Prerequisite

N/A

6th Grade History & Geography

HIS0600

Course Description

The Liberty University Online Academy's 6th-grade history course provides students with exciting and engaging opportunities to explore historical events, people, and places that have helped to shape our present and will help shape our future. Biblical truths are woven continuously into the course, allowing students to see and experience God and His incredible plan throughout history. The in-depth explorations pave a clear path for students to embrace past history patterns that are preparing them and future generations to be Christ followers. Students will explore a wide range of topics which include: the Civil War, Reconstruction and New Frontiers, the Rise of Industry and the Turn of the Century, the First Decade of the New Century, the Decades of the 20th Century, and the United States today.

Prerequisite

N/A

6th Grade Language Arts

LAN0600

Course Description

The Liberty University Online Academy's 6th grade Language Arts course utilizes innovative technology resources and engaging activities for students. The course allows students to interact with exciting literature, practice grammar skills, embrace the components of great writing, and spell grade level appropriate words. Students will enjoy reading the novels *A Wrinkle in Time* by Madeleine L'Engle and *Shades of Gray* by Caroline Reeder. The novels and other literary activities will benefit the students in developing strong reading comprehension and fluency skills.

Prerequisite

LAN0500

6th Grade Math

MAT0600

Course Description

The Liberty University Online Academy's sixth-grade math course promotes problem solving skills by teaching students how to make real-world connections with mathematics through the teaching of number theory, graphing and statistics, estimation, and solving real-world problems. Students are also taught the mathematical concepts of order of operations, integers, decimals, fractions, ratios and probability, measurement, geometry, and beginning algebra. Some additional features include: engaging multimedia video lectures by award-winning teacher, Edward Burger, who is funny and has a passion to teach math; helps pages for each lesson containing short videos, practice problems, and assessments; and closed captioning in English and Spanish for all video lessons.

Prerequisite

MAT0500

6th Grade Science

SCIO600

Course Description

The Liberty University Online Academy's 6th Grade science course provides students with an opportunity to discover scientific topics through interactive and engaging activities and lessons. Students will dive into God's world through the units that will employ imperative Christian values. The truths of Creation and God's design will be interwoven continuously throughout the entire course allowing students to gain solid scientific knowledge with a Biblical worldview. Students will explore a wide range of topics which include the following: Creation, Tools of Science, Matter, Chemistry, Water and the Water Cycle, the Earth and its Atmosphere, Biomes and Oceans, the Earth and its Surface, Earth's Resources, and the Universe and Solar System.

Prerequisite

N/A

7TH GRADE

7th Grade Bible

BIB0700

Course Description

The Liberty University Online Academy's 7th grade Bible course, Heroes of the Faith, walks students through the study of Christian martyrs and heroes who have sacrificed, some even their lives, for the cause of Christ. Throughout the course, there are missionary highlights and stories behind Christian hymns and songs. This Bible course also encourages and teaches students the importance of daily Bible reading and Scripture memory. Students will explore a wide range of heroes, including the following: Gideon, Samuel, Stephen, Paul, Clement of Rome, John Wycliffe, Martin Luther, Matthew Henry, David Brainerd, William Carey, Florence Nightingale, Mary Slessor, C.S. Lewis, Jim and Elisabeth Elliot, and Billy Graham.

Prerequisite

N/A

7th Grade Civics

HIS0700

Course Description

The Liberty University Online Academy's 7th Grade Civics course explores the many aspects of America's government and economy. Lessons cover fundamental values and principles, rights, responsibilities, limits, founding documents, biblical foundations of the U.S. government and economy, and the roles of the branches of government. This course introduces students to state government, political parties, and economics. Topics in this course will enable students to learn about their government so that they can be equipped with the tools they need to be informed and engaged citizens.

Prerequisite

N/A

7th Grade Language Arts

LAN0700

Course Description

7th grade Language Arts continues to build on the sequential review and development of grammar and communication skills in writing. An evaluation of literature develops analytical skills using examples of short stories, two novels, poetry, and drama selected from a variety of periods and authors. A research paper using appropriate style, format, and research methods will be written.

Prerequisite

LAN0600

7th Grade Math

MAT0700

Course Description

Math 7 covers a variety of subject matter from the world of mathematics. This course will review the basic concepts and operations that you learned in Math 6, and it will help you in future mathematics courses. You will learn how to use math skills for real-world application, and you will also learn how to think abstractly as you investigate problems that exist in an imaginary environment. Math 7 will teach you how to use math to solve problems using a variety of strategies including diagrams, equations, factoring, and algebraic expressions. Some additional features are: Engaging multimedia video lectures by award winning teacher, Edward Burger, who is funny and has a passion to teach math; helps pages for each lesson containing practice problems, notes pages, and assessments; closed captioning for all video lessons in English and Spanish.

Prerequisite

MAT0600 or administrator permission

Life Science

SCI0700

Course Description

Life science is an amazing journey that allows students to know God better through the study of His creation. This life science course will expand upon previous learning and set the foundation for science in high school. Students need to know the better they learn and understand the concepts presented in the life science course, the easier and more rewarding their high school courses will be. The student's understanding should encompass both the micro and macro aspects of life, and this life science course includes both. The major concepts covered are scientific inquiry, cells, organization of life, classification, cell processes, population dynamics, differences between and effects of biotic and abiotic factors, ecosystem dynamics, genetics and its applications, and change over time (micro-evolution vs. macro-evolution).

Prerequisite

N/A

8TH GRADE

8th Grade Bible

BIB0800

Course Description

The goal of this course is to equip each student with an introduction and understanding of major Bible doctrines and how they relate to his/her life. This will be accomplished by surveying major themes, characters and life principles found in the Bible. The objective is to take the timeless truths of God's Word and make them relevant and applicable in each student's life.

Prerequisite

N/A

8th Grade Civics

HIS0800

Course Description

The Liberty University Online Academy's 8th Grade Civics course explores the many aspects of America's government and economy. Lessons cover fundamental values and principles, rights, responsibilities, limits, founding documents, biblical foundations of the U.S. government and economy, and the roles of the branches of government. This course introduces students to state government, political parties, and economics. Topics in this course will enable students to learn about their government so that they can be equipped with the tools they need to be informed and engaged citizens.

Prerequisite

N/A

8th Grade Language Arts

LAN0800

Course Description

In 8th Grade Language Arts, students review grammar and vocabulary skills that strengthen their writing ability. Students incorporate this knowledge as they craft creative writing pieces and nonfiction essays. Writing is an integral part of this curriculum as students learn not only the basics of the writing and research processes, but also how to approach different types of writing, including narration, exposition, persuasion, and informational. Literature, too, is a primary component of this English class. Students read works from a variety of genres, including novels, short mystery stories, poetry, speeches, and historical nonfiction. Students learn to approach the written word through the lens of a Christian worldview and analyze the secular worldview messages they encounter daily.

Prerequisite

LAN0700

Pre-Algebra

MAT0800

Course Description

Pre-Algebra is an introductory algebra course designed to prepare students for Algebra I. Pre-algebra will review basic math concepts regarding number sense and the rules regarding math operations and the order of implementation. Students taking pre-algebra will practice concepts taught in previous math courses at higher levels and in ways that will broaden their skills. Students will also practice algebraic thinking in order to model and solve real world problems. Geometric concepts and related formulas will be linked to algebraic thinking to prepare students for future courses.

Prerequisite

MAT0700 or teacher recommendation

Physical Science

SCI0800

Course Description

Physical Science is an introduction to chemistry and physics with an emphasis on utilizing the scientific method. God's love for balance in the world He has created will be evident. Students will be introduced to scientists who built their theories on the Bible and through observations of the world around them. Student experiments are woven through the lessons so they can experience the thrill of science and develop an understanding of the "new language" being learned.

MIDDLE SCHOOL ELECTIVES

Middle School Guitar

APP0700

Course Description

Have you ever dreamed of playing the guitar? Whether you love music, want to play guitar for your family and friends, or desire to be a music star, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Ariel, will guide you through each step of this journey towards becoming a skilled guitarist and musician.

Prerequisite

N/A

Online Academic Success

APP0750

Course Description

The goal of the Online Academic Success course is to help students master their ability to study, learn, and retain information in way that best fits their learning style. Students will discover their learning style, learn how to use time effectively, learn study skills, learn tips for taking better notes and learn how to be a successful online student.

Prerequisite

N/A

Basic Spanish I

LAN0551

Course Description

The Basic Spanish course provides students with an exciting opportunity to study the Spanish language and culture with a biblical worldview through fun, interactive, and engaging activities and lessons. We will focus on the three C's: Communication, Culture, and Connections.

Prerequisite

N/A

Basic Spanish II

LAN0552

Course Description

The Basic Spanish course provides students with an exciting opportunity to study the Spanish language and culture with a biblical worldview through fun, interactive, and engaging activities and lessons. We will focus on the three C's: Communication, Culture, and Connections.

Prerequisite

N/A

Middle School Creative Writing

LAN0651

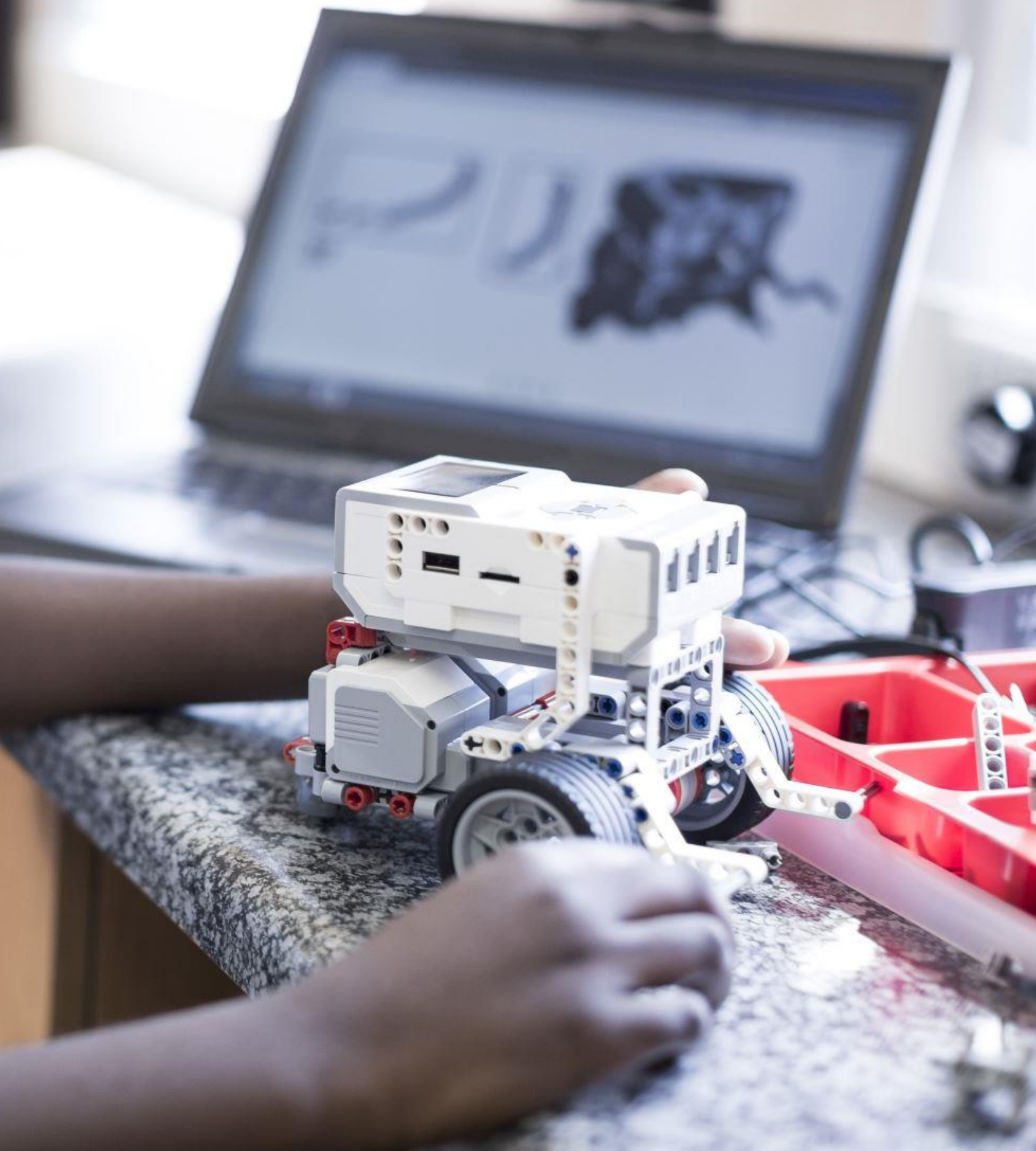
Course Description

Creative Writing is a semester long course that explores different genres of writing, through both reading and writing, as well as the other necessary elements needed to improve writing and composition skills. This course is designed with the goal of inspiring students to develop original pieces and ideas. Through writing and thinking students will learn to become better readers, writers, and thinkers. The skills focused on in this course will help students in other courses as well, especially English. Writing genres covered are autobiographies, family storytelling, fairy tales, fantasies, short stories, and journals.

Prerequisite

N/A

HIGH SCHOOL



BIBLE

Survey of the Bible

BIB0900

Course Description

In a world where a basic knowledge and understanding of the Bible can be difficult to attain, this course acts as a tool to help individuals gain a “big picture” perspective of God’s Word. In particular, this course will give students a glimpse as to how God has worked throughout history to initiate and carry out His plan of redemption for the human race, through His Son, Jesus Christ. Introductions to the Old and New Testament will be presented and a survey of each of the sixty-six books will be conducted.

Prerequisite

N/A

Old Testament Survey

BIB0901

Course Description

In a world where a basic knowledge and understanding of the Bible can be difficult to attain, this course acts as a tool to help individuals gain a “big picture” perspective of God’s Word. In particular, this course will give students a glimpse as to how God has worked throughout history to initiate and carry out His plan of redemption for the human race, through His Son, Jesus Christ beginning with Genesis. Introductions to the books of the Old Testament will be presented and a survey of each of the thirty-nine books will be conducted. The Old Testament points to the New Testament fulfillment of prophecy. Having a solid background in Old Testament law, history, and prophecy is helpful in understanding the New Testament and God Himself.

Prerequisite

N/A

New Testament Survey

BIB0902

Course Description

In a world where a basic knowledge and understanding of the Bible can be difficult to attain, this course acts as a tool to help individuals gain a “big picture” perspective of God’s Word. In particular, this course will give students a glimpse as to how God has worked throughout history to initiate and carry out His plan of redemption for the human race, through His Son, Jesus Christ. The focus of this course is the New Testament.

Prerequisite

N/A

Apologetics

BIB1000

Course Description

In this course, students will be challenged to consider many of the most difficult questions regarding Christianity and to make a decision about Jesus Christ. Topics to be covered include, but are not limited to: an introduction to apologetics, the definition and importance of truth, existence of God, authenticity of Scripture, miracles, the historicity of Jesus and his bodily resurrection, and the problem of evil.

Prerequisite

N/A

Global Studies

BIB2150

Course Description

Global Studies is an elective course for high school students. The course is a one-semester course that investigates essential material related to both personal evangelism and worldwide missions. The content includes historical and biblical principles and information that describe the Christian worldview and how the Gospel message is shared. Students will not only learn about missions, but they will also be given opportunities to display their knowledge of the material and apply it to both everyday life and world outreach.

Prerequisite

Survey of the Bible or Apologetics or Faculty Chair Permission

Intercultural Communication

BIB2250

Course Description

This course will equip students with the understanding, skills and potential motivators necessary to effectively understand and incarnate the gospel, understand and navigate culture, and engage culture and cultures with the gospel in transformative ways.

Prerequisite

N/A

Living a Godly Life

BIBB150/BIBG150

Course Description

In the first semester of this course the student will concentrate on two areas of biblical study: **The Book of James** - Throughout the first nine weeks, the student will consider arguments regarding the author, date, major themes and practical applications that can be drawn from the book of James using inductive methods of Bible study. The following topics will be explored and discussed: humility, perseverance, working faith, self-control, wisdom, and four things to avoid in the Christian life.

The Life of Christ - Jesus Christ is the central figure of all human history. In these lessons, the students will explore and discuss the cultural, political, and historical environment present before, during and after the ministry period of Jesus of Nazareth. Students will gain insights on the ability that Jesus has in fashioning all creation, influencing mankind, and renewing the individual.

The second semester of the course is gender specific.

Male (BIBB150): What is a Godly Man? What do you think of when you look at this question? What does it mean to be a godly man? Does this sound like an impossible goal? So many questions to start off our course! This course is the beginning of a wonderful journey of learning what God wants for us as men of God. While the goal is lofty, it is attainable with God's help. This course will consider biblical standards for living, look at examples of how to live a Christ-centered life, and provide opportunities for incorporating life skills in your daily life.

Female (BIBG150): What is a Woman of Worth? What do you think of when you look at this question? What does it mean to be a woman of worth? Does this sound like an impossible goal? So many questions to start off our course! This course is the beginning of a wonderful journey of learning what God wants for us as women. While the goal is lofty, it is attainable with God's help. God gives us an excellent description of a Godly woman in Proverbs 31. This course will consider biblical standards for living, look at examples of how to live a Christ-centered life, and provide opportunities for incorporating life skills in your daily life.

Prerequisite

Must have completed Apologetics or one other high school Bible course. Suggested for juniors or seniors.

HISTORY

World History I

HIS0900

Course Description

The first half of World History uses a Biblical worldview to survey early African, American, Asian, and European cultures from creation to the establishment of early societies in the Americas. A Biblical approach to World History will demonstrate that man, though made in the image of God, is innately sinful and has limitations and in need of redemption. The course uses the Bible as a historical source to complement historical research and study to reveal God as the prime architect in human history and Jesus Christ as central to that history. Students will also study the geography of ancient civilizations in an attempt to understand their patterns of behavior, including religion, science, economy, and government.

Prerequisite

N/A

World History II

HIS1000

Course Description

The second half of World History uses a Biblical worldview to survey African, American, Asian, and European cultures from the Fall of Rome to modern times. A Biblical approach to World History will demonstrate that man, though made in the image of God, is innately sinful and has limitations and is in need of redemption. The course uses the Bible as a historical source to complement historical research and study to reveal God as the prime architect in human history and Jesus Christ as central to that history.

Prerequisite

N/A

US History

HIS1100

Course Description

This course provides an overview of American History from early exploration to the present. It will examine the development of the American republic with special attention paid to the political, intellectual, economic and cultural influences on the development of the United States as an exceptional nation in a global context.

Prerequisite

N/A

Virginia History

HIS1146

Course Description

Virginia History provides an overview of the history, geography and government of the Commonwealth of Virginia from the 16th century to the present. Special attention will be paid to the contributions the Commonwealth has made to the progression of American History in areas of law, government, education, economics and religion.

Prerequisite

N/A

Government

HIS1201

Course Description

Government is needed to restrain sin; to preserve order; and to protect the life, liberty, and property of all individuals. This course will evaluate the foundation of American Government. Paying particular attention to the purpose and roles of all government, the course will emphasize the United States Constitution, the three branches of government, the separation of powers, and the issues, interests and institutions of American politics. The primary purpose of this course is to train people for effective citizenship.

Prerequisite

N/A

Economics

HIS1202

Course Description

Provides an overview of both microeconomics and macroeconomics, including a discussion on the relationship between worldviews and economic theory. It places an emphasis upon free market economics. Students will be presented with microeconomic theory as it relates to the nature of property and property ownership, the laws of supply and demand, profits and incentives, the morality of markets, the role of market information, and the price system. The section on macroeconomics will cover the role of civil government in the free market place, as well as the growth of government involvement in the economy, which includes discussions on political economy and public policy. In this regard, topics such as taxation and fiscal policy, monetary theory and inflationary policies, tariffs, minimum wage laws and unemployment, and the nature of price controls will be addressed. Students will also be presented with a brief overview of the U.S. federal budget and the rise of entitlement programs in contrast to American constitutional theory as it specifically relates to federalism and limited civil government.

Prerequisite

N/A

<h2>ENGLISH</h2>

English 9

LAN0900

Course Description

9th Grade English continues to build on the sequential review and development of grammar and communication skills in writing. An evaluation of world literature develops analytical skills using examples of short stories, the novella, the novel, poetry, allegory, and drama selected from a variety of periods and authors. A research paper using appropriate style, format, and documentation will examine the conflict between the secular moral struggle and the Christian worldview.

Prerequisite

LAN0800

English 10

LAN1000

Course Description

English 10 provides a generalized overview of World Literature from various current and ancient societies. It covers major works of fiction, non-fiction, poetry, and drama and introduces students to the historical context, author's influence, and literary impact of the works. Extensive research and writing are also elements of this course.

Prerequisite

LAN0900

English 11

LAN1100

Course Description

Throughout the course of 11th grade English, students will be challenged to become more-mature writers who are able to clearly and properly express themselves through both academic and creative writings. Additionally, students will become more-equipped readers who are able to dig far beyond the surface meaning of a text and see the purpose, creativity, and significance of various types of literature. The 11th grade English course places its literary focus on texts specifically from American Literature, from the first settlers to the Age of Faith, the Age of Reason, the Romantic and Realist movements, the Harlem Renaissance, and Modern Literature. Literary genres will include the following: poetry, short stories, personal diaries, nonfiction essays, a novel, and drama. As students strengthen their ability to interpret literature, they will express themselves through various styles, including creative, expository, and persuasive writing.

Prerequisite

LAN1000

English 12

LAN1200

Course Description

English 12 provides a generalized overview of British Literature from the Anglo-Saxon era to the Restoration. This course covers major works of fiction, poetry, and drama. Students will be introduced to the historical content, authorial influence, and literary impact of these works. Additionally, this course will challenge students to strengthen their research and writing skills.

Prerequisite

LAN1100

HEALTH & PHYSICAL EDUCATION

Health & PE I

HPEB100/HPEG100

Course Description

Health & PE I is designed for 9th grade students but can be taken by a high school student on any level. It will guide the students to establish a biblical worldview regarding the body and overall health. During the Health weeks, students will investigate topics on physical, mental-emotional, social, and spiritual health including nutrition, community, online safety, and developing a biblical worldview about the body. During PE weeks, students are given instructional content, including video instructions, regarding aerobic and anaerobic exercises that will strengthen the body. Students will perform these activities and provide video submissions to their instructor for grading—male students with male teachers and female students with female teachers. The students will additionally complete weekly activity logs recording regular physical activity to ensure that they stay active. Following this course, a student should have a deeper understanding of health and physical fitness from a variety of disciplines.

Prerequisite

N/A

Health I

HPEB101/HPEG101

Course Description

Health is designed for 9th grade students but can be taken by a high school student on any level. It will guide the students to establish a biblical worldview regarding the body and overall health. Students will investigate topics on physical, mental-emotional, social and spiritual health including nutrition, community, online safety, and developing a biblical worldview about the body.

Prerequisite

N/A

Physical Education I

HPEB102/HPEG102

Course Description

Physical Education (PE) is designed for 9th grade students but can be taken by a high school student on any level. It will guide the students to establish a biblical worldview regarding the body. Students are given instructional content, including video instructions, regarding aerobic and anaerobic exercises that will strengthen the body. Students will perform these activities and provide video submissions to their instructor for grading - male students with male teachers and female students with female teachers. The students will additionally complete weekly activity logs recording regular physical activity to ensure that they stay active. Following this course, a student should have a deeper understanding of health and physical fitness from a variety of disciplines.

Prerequisite

N/A

Health & PE II

HPEB200/HPEG200

Course Description

As a continuation of Health & PE I, the Health & PE II course is designed for 10th grade students but can be taken by a high school student on any level. It will guide the students to establish a biblical worldview regarding the body and overall health. During the Health weeks, students will investigate topics on physical, mental-emotional, social, and spiritual health including body systems, depression, relationships, and accountability. During PE weeks, students are given instructional content, including video instructions, regarding aerobic and anaerobic exercises that will strengthen the body. Students will perform these activities and provide video submissions to their instructor for grading—male students with male teachers and female students with female teachers. The students will additionally complete weekly activity logs recording regular physical activity to ensure that they stay active. Following this course, a student should have a deeper understanding of health and physical fitness from a variety of disciplines.

Prerequisite

N/A

Health II

HPEB201/HPEG201

Course Description

As a continuation of Health I, the Health II course is designed for 10th grade students but can be taken by a high school student on any level. It will guide the students to establish a biblical

worldview regarding the body and overall health. Students will investigate topics on physical, mental-emotional, social and spiritual health including nutrition, community, online safety, and developing a biblical worldview about the body.

Prerequisite

N/A

Physical Education II

HPEB202/HPEG202

Course Description

As a continuation of Physical Education I, the Physical Education (PE) II course is designed for 10th grade students but can be taken by a high school student on any level. It will guide the students to establish a biblical worldview regarding the body. Students are given instructional content, including video instructions, regarding aerobic and anaerobic exercises that will strengthen the body. Students will perform these activities and provide video submissions to their instructor for grading - male students with male teachers and female students with female teachers. The students will additionally complete weekly activity logs recording regular physical activity to ensure that they stay active. Following this course, a student should have a deeper understanding of health and physical fitness from a variety of disciplines.

Prerequisite

N/A

MATH

Algebra I

MAT0900

Course Description

Algebra 1 takes the student beyond the basic mathematics skills learned at lower level classes of mathematics and introduces them to topics that explore higher mathematic principles and skills. The student will investigate and solve problems that use both real numbers and variables. The skills learned will be used to solve real life problems to help students function better in the world around them. An emphasis will be placed on solving equations, including linear, quadratic, inequalities, multistep, and variations. Factoring and graphing will be used to solve a variety of equations and systems of equations. Also, skills related to exponents, statistics, and probability will be explored and related to practical application.

Prerequisite

MAT0800 or appropriate score on Math assessment test

Geometry

MAT1000

Course Description

Geometry combines the skills of algebraic thinking with the abstract concepts of plane geometry to give the student a good foundation in mathematical logical thinking and the skills needed to develop sequential proofs. The material includes the exploration and practice of inductive and deductive reasoning, the Pythagorean Theorem, properties and principles related to polygons, and a more detailed look at trigonometric ratios. As the student is presented material through video lectures and practice, he/she will become more familiar with constructions, the measurement of angles, and relationships such as similarity and congruency.

Prerequisite

MAT0900

Algebra II

MAT1100

Course Description

Algebra II is a math course that builds on the material covered in Algebra 1 with more detail and added subject matter. Beyond the basics of Algebra 1, this course develops skills related to linear systems in two and three dimensions, matrices, complex numbers, conic sections (their properties and equations), and a thorough study of trigonometric functions, graphs and identities. The student will be presented the material through video lessons, worksheets with answer keys, daily practice and animated examples. Building on the foundation of Algebra 1, the Student will expand his/her knowledge of functions including exponential, radical and logarithmic varieties.

Prerequisite

MAT0900 or MAT1000

Pre-Calculus

MAT1200

Course Description

Pre-Calculus will begin with a review of essential algebraic concepts such as exponents, radicals, polynomials, factoring, and complex numbers. The student will then study material related to trigonometric identities, systems of equations and matrices, and graphing everything from linear and quadratic functions to vectors and polar coordinates. Concepts such as absolute value, synthetic division, and radical expressions will be coupled with real applications of trigonometric functions, combinations and probability. As the material is presented through video lectures and illustrations, the student will be given opportunity to practice learned skills and explore topics such as limits, differentiation and integration.

Prerequisite

MAT1000 and MAT1100

Calculus

MAT1300

Course Description

Calculus is an advanced high school mathematics course. It builds on principles of Geometry, Algebra and other prior mathematics courses to take students into the world of limits, derivatives, special computational techniques such as the Power Rule, and differentiation. Calculus also explores topics related to sequences, series, and the fundamental theorem of calculus. Finally, the mathematics of physics is presented through vector calculus. This is a course that is an important prerequisite for many educational programs in engineering and science.

Prerequisite

MAT1200 or MAT2100

Trigonometry

MAT2100

Course Description

Trigonometry is a one-semester course designed to take the student through a detailed study of trigonometric identities. The material will include topics on graphs and functions, the Law of Sines and Law of Cosines, vectors, complex numbers and polar coordinates. The student will take a closer look at conic sections, exponential and logarithmic functions, and inverse trigonometric functions. The subject matter will be presented by video lecture, daily practice, and include sample video solutions, a glossary of terms and other ancillary materials to aid in learning.

Prerequisite

MAT1000 and MAT1100

Computer Mathematics

MAT1400

Course Description

Computer Mathematics is a project based course that helps students understand the programming and logic behind computers and software. All assignments are related to the Excel spreadsheet computer application. God created man in His own image, and with his creative power and intelligence, man created computers. This course will explore different aspects of computer programming utilizing built in options of Excel and the manipulation of mathematics operations and principles. Incorporated into the course will be biblical principles and philosophy that points to God as Creator and the order and logic that He continues to exhibit in His creation.

Prerequisite

MAT0900 or MAT1000

Consumer Math

MAT2000

Course Description

Consumer Math is an elective course that covers topics related to basic mathematical skills, and then directs the student to apply those skills in real life situations and problems. The course will offer a review of basic skills related to math operations and properties. The student will learn how to apply math in a variety of ways in order to be a better-educated and informed consumer. Included in the course of study will be a survey of basic financial practices and computations that correlate to business and personal money management.

Prerequisite

N/A

SCIENCE

Earth Science

SCI0900

Course Description

God designed the Earth with unique properties and characteristics. He created a delicate balance amongst the systems of the Earth, the solar system, and the universe. Emphasis will be placed on understanding the Earth's systems, their interrelationships with each other, and man's effect on

the Earth. Students will be given the opportunity to explore rocks and minerals, geology, Earth's interior, Earth's geologic history, plate tectonics, volcanoes, earthquakes, weather, storms, climate, oceans, the solar system, and stars and galaxies. The students will be given the challenge to explore the rationale behind secular, old earth, and young earth science in order to be more effective at presenting the Gospel scientifically. The course is a rigorous, multimedia and laboratory-based science course that will require supplies for the hands-on labs.

Prerequisite

N/A

Biology

SCI1000

Course Description

Biology is an examination of God's living creations, from the smallest bacterium to the massive blue whale, the largest creature on the Earth. God is definitively presented as the Creator of life according to the description on the pages of Genesis. A wide variety of topics will be discussed including the scientific method, cells, genetics, taxonomic classifications of organisms, human anatomy, and topics in evolution from a creationist perspective. Students will be challenged to think critically about the intricacies of God's creation.

Prerequisite

N/A

Chemistry

SCI1100

Course Description

Chemistry is the investigation of atomic and molecular-level properties and interactions. The course begins with properties of matter, atomic structure, and basic atomic bonding. It then lays a mathematical and conceptual groundwork for which more complex molecular interactions can be understood. This course will provide the student with a number of analytical tools needed for scientific investigation and thought. The student will apply these principals in an online virtual lab where lab experiments are simulated in a way that is virtually equivalent to the engagement in a classroom laboratory.

Prerequisite

Completion or current enrollment in Algebra II

Physics

SCI1200

Course Description

Physics is intended to expose students to physical and mathematical relationships that describe this world that God has created. The first semester of this course focuses on Newtonian Mechanics while the second semester covers a variety of topics including Electricity and Magnetism, Sound and Light Waves, and Modern Physics. The course incorporates virtual simulations as a component to expand the students' understanding as well as provide real world applications.

Prerequisite

Completion of Algebra I and Geometry as well as completion or current enrollment in Algebra II

Anatomy

SCI2100

Course Description

This class will explore the structures of the human body and the terminology associated with the structures. Emphasis will be placed on orientation, organization, and body systems. Body systems covered will include integumentary, skeletal, cardiovascular, muscular, lymphatic, respiratory, urinary, reproductive, and nervous. Further explanation will cover the special senses and how the student will be able to apply the anatomical knowledge to a future career.

Prerequisite

- ☐ Course waiver signed by the student if the student is over 18 years of age. If the student is under 18 years old the waiver will be signed by a parent or legal guardian.
- ☐ SCI1000 (Biology); minimum grade of 75%

HIGH SCHOOL ELECTIVES

College Planning & Preparation

APP2000

Course Description

College Planning and Preparation is a one semester elective course that allows students to begin the process of planning and preparing for college. Instruction includes a focus on the decision-making process of choosing a school, including the inquiry and application processes and financial

requirements. Also covered is an overview of basic expectations for college level reading, writing, and research.

Prerequisite

N/A

Academic & Career Success

APP2050

Course Description

Academic Success and Career Planning is designed to equip students to be successful online students and guide them in making wise choices for further career or academic endeavors. This course offers an orientation to the purpose and mission of LUOA and how a student's academic performance should be viewed in relationship to the biblical worldview. Included in this course are resources to enhance a student's scholastic pursuits including communication, study, note-taking, and time management skills; reading and comprehension strategies; methods for evaluation of resources for research and writing; and approaches for future career planning.

Prerequisite

N/A

College Planning & Career Success

APP2060

Course Description

College Planning and Career Success is a two-semester elective course that is designed to equip students to be successful online students and guide them in making wise choices for further career or academic endeavors. This course offers an orientation to the purpose and mission of LUOA and how a student's academic performance should be viewed in relationship to the biblical worldview. Included in this course are resources to enhance a student's scholastic pursuits including communication, study, note-taking, and time management skills; reading and comprehension strategies; methods for evaluation of resources for research and writing; and approaches for future career planning. The course allows students to begin the process of planning and preparing for college. Instruction includes a focus on the decision-making process of choosing a school, including the inquiry and application processes and financial requirements. Also covered is an overview of basic expectations for college level reading, writing, and research.

Prerequisite

N/A

Family & Consumer Science

APP2100

Course Description

The Family and Consumer Science course is designed to establish foundational skills to provide the student with the basic understanding of the major aspects of family life using a multidimensional approach. Units include instruction for successful living, while analyzing basic proficiency levels in food and nutritional fitness, international cuisine, clothing, fashion and textiles, relationships, child development, family living, and interior design. In addition, students will learn about life skills which include college financial aid, financial investments, and living on their own. The first semester focuses on culinary arts, and the second semester focuses on living skills, all presented from a Biblical perspective.

Prerequisite

N/A

Argumentation & Debate

APP2250

Course Description

Argumentation & Debate teaches the principles and skills necessary to create and deliver reasoned claims regarding a chosen topic. The course will examine the foundations of debate, the process of establishing a proposition, researching and developing evidences, and delivering a public argument. Specific emphasis is placed on critical thinking and decision making.

Prerequisite

N/A

Music Appreciation

APP2400

Course Description

Music Appreciation provides instruction in basic musical elements and instruments, traces the development and growth of several forms of music, and give students a foundation to appreciate music more fully. Students will be exposed to several genres of music in the world around them and discover how they experience music. Students will learn the names and backgrounds of several famous musical composers and their contribution to their particular genre. Students will also learn how and where classical music began, how it developed over the centuries, the ways in which classical music have affected modern music, and the ways in which music and culture affect one another.

Personal Financial Literacy

APP2500

Course Description

Personal Financial Literacy is a one semester course that provides the student basics on financial practices and literacy. Topics such as goal setting, money management, insurance principles, and consumer rights will be coupled with projects that allow the student to display real life investigation and insight into financial management. The student will use mathematical operations and skills to solve problems involving interest, investment, and sound financial planning.

Prerequisite

Algebra I or a higher-level math course

High School Guitar

APP2800

Course Description

Have you ever dreamed of playing the guitar? Whether you love music, want to play guitar for your family and friends, or desire to be a music star, this course is a great place to start. No prior music experience is needed. You will learn the fundamentals of music and the basic skills necessary to play a wide variety of music styles. Student guides, Carlos and Ariel, will guide you through each step of this journey towards becoming a skilled guitarist and musician. This course can be used as a performing/fine arts credit to meet the art requirement for high school graduation.

Prerequisite

N/A

Essentials of Business

CSB2002

Course Description

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.

Prerequisite

Computer Applications I or equivalent

Computer Applications I

CSB2003

Course Description

This course will introduce the student to the operation and use of computers. Specific applications taught include operating systems, word processing, spreadsheets, databases and presentation software. Students will use these applications to design, develop, create, and edit documents, spreadsheets, databases and presentations. In addition, students will learn basic terminology and concepts related to the use of computers in today's society.

Prerequisite

Sophomore standing

Computer Applications II

CSB2004

Course Description

This course will introduce the student to intermediate and advanced Microsoft Office applications. Specific applications taught include operating systems, word processing, spreadsheets, databases and presentation software. Students will use these applications to design, develop, create, and edit documents, spreadsheets, databases and presentations.

Prerequisite

- ☐ Sophomore standing
- ☐ Computer Applications I

Programming Logic: C++

CSB2100

Course Description

This course will guide the student in developing structured program logic with good programming practices. Included in the course are fundamental programming concepts, including decision making, looping, and classes with a focus on practical examples. The text contains flowcharts and pseudocode to provide some familiarity with these development tools. Simulated tasks are provided for C++.

Prerequisite

Junior standing

Programming Logic: Java

CSB2125

Course Description

This course will guide the student in developing structured program logic with good programming practices. Included in the course are fundamental programming concepts, including decision making, looping, and classes with a focus on practical examples. The text contains flowcharts and pseudocode to provide some familiarity with these development tools. Simulated tasks are provided for Java.

Prerequisite

Junior Standing

Programming Logic: Python

CSB2150

Course Description

This course will guide the student in developing structured program logic with good programming practices. Included in the course are fundamental programming concepts, including decision making, looping, and classes with a focus on practical examples. The text contains flowcharts and pseudocode to provide some familiarity with these development tools. Simulated tasks are provided for Python.

Prerequisite

Junior standing

Web Design

CSB2200

Course Description

This course will guide the student in developing web pages using HTML and CSS. Included in the course are principles of good web design and an introduction to basic JavaScript programming. The text is supported by simulated tasks with real-time feedback.

Prerequisite

Junior standing

History of the Constitution

HIS2000

Course Description

A survey of the history of the United States Constitution emphasizing the ideological origins of Constitutional principles and the history of the drafting, ratification, amendment and application of the Constitution.

Prerequisite

N/A

Civil War & Reconstruction

HIS2150

Course Description

This course introduces the student to the important themes, people, and ideas arising from the period of the American Civil War. While the focus of the course is from 1850 to 1877, the place of the war and its impact on subsequent American history is also examined.

Prerequisite

N/A

America's Colonial Foundations

HIS2300

Course Description

Provides an introduction to the major topics of the establishment of British North America, their political economic and social structures, religious and intellectual characteristics and the transition from distant citizens of Great Britain to a new American identity. It will examine changing relationships with Native Americans, development of racial slavery as a labor source, and European cultural influences on the various colonial regions.

Prerequisite

N/A

Latin I

LAN1600

Course Description

In Latin 1, students begin to develop the ability to comprehend simple written Latin texts based on a variety of topics. Emphasis is placed on the interpretation of texts rather than interpersonal communication. To support the development of reading skills, students learn to use Latin orally, understand oral Latin, and write very simple phrases and sentences. Students also learn about the perspectives, practices, and products of the ancient Roman people. Students compare these cultural and historical elements to their own culture and recognize examples of the influence of Roman civilization in their own world. Through their understanding of the structures and vocabulary of the Latin language, students enhance their understanding of these same linguistic elements of English.

Prerequisite

N/A

Latin II

LAN1700

Course Description

In Latin 2, students continue to cultivate the ability to comprehend written Latin texts on a variety of topics. Emphasis is placed on the interpretation of texts rather than interpersonal communication. To support the development of reading and interpretation skills, students learn to understand oral Latin and write increasingly complex phrases and sentences. Students also learn about the perspectives, practices, and products of the ancient Roman people and identify the impact of this civilization on Christ's time on earth. Through their understanding of the structures and vocabulary of the Latin language, students enhance their understanding of these same linguistic elements of English.

Prerequisite

LAN1600

Christian Authors

LAN1900

Course Description

This Christian Authors course provides an in-depth study of the major works of C. S. Lewis and J. R. R. Tolkien. The course will address the religious, cultural, and literary influences upon the works, as well as the influence of the two authors upon each other's work.

Prerequisite

LAN0900

Spanish III

LAN2400

Course Description

The goal of Spanish 3 is to build on the fundamental language elements taught in Spanish 1 and 2 so that students can better know and engage with Spanish-speaking people for the purpose of glorifying God, honoring God, and communicating the Gospel effectively in Spanish (Acts 8:26-40). Students will continue to develop their communicative competence by focusing on the four language skills: reading, writing, speaking, and listening in the target language. They will communicate on a variety of topics at a level commensurate with their study, using more complex structures in the language and moving from concrete to more abstract concepts in a variety of time frames. Students will learn about specific concepts in Hispanic culture and will contemplate how these common cultural elements might be perceived through a biblical worldview. Students will use authentic materials, including popular praise and worship songs, devotionals, and videos in Spanish, to develop their language skills with the goal of becoming faithful witnesses (Acts 1:8), worshipping God in the heart language of millions, and effectively sharing the Gospel of Jesus Christ to make disciples of Spanish-speakers. (Matthew 28:18-20). A final project serves as the culmination of the course. Each student will choose either to conduct a video interview of a native Spanish-speaker in Spanish or to create an illustrated children's storybook in Spanish with all of the grammatical elements learned in the course. This project will be submitted immediately prior to the semester exam.

Prerequisite

No prerequisites; however, it is recommended that the student completes Spanish 2 before taking Spanish 3.

French I

LAN2600

Course Description

French I includes an introduction to and mastery of basic concepts and vocabulary in this beautiful language while also exposing students to culture, geography, and history of the francophone world. Using web-based technology, students will begin this exciting journey into learning a second language. Not only will the students build language skills, but they will also learn about various French-speaking cultures and histories. Students will use their new skills in writing, listening, reading, and speaking. Additionally, students will gain a better understanding of biblical worldview as we encounter and appreciate a new perspective.

Prerequisite

N/A

American Literature

LAN2000

Course Description

Throughout the course of American literature, students will be able to encounter and experience the full span of America's rich literary history. The course begins with the literary contributions of America's first settlers and explores how their faith and difficult circumstances shaped their lives and the literature through which they captured these early moments of America. The course then moves through the Age of Faith, during which the core of American literature was shaped by a strong and foundational faith. It then moves into the Age of Reason, during which the world of science and modern thinking started to shape the literature of the times. The study of literature then moves into the Romantic period and then the Realist period, both of which shaped American literature at its core and brought about significant changes to the style, structure, and purpose of literature. The introduction to Modern literature includes the literature of the early 1900s, including the Harlem Renaissance, and then Post-Modern literature brings students into the study of current-day texts. Overall, the course includes literature spanning from the 1500s to the current day and introduces students to some of the greatest authors and works in American literature. Genres that are included are nonfiction essays, diaries, sermons, letters, editorials, fictional short stories, novel excerpts, and an array of poetry.

Prerequisite

N/A

British Literature

LAN2100

Course Description

This course provides a generalized overview of British Literature from the Anglo-Saxon Era to the Restoration. It covers major works of fiction, non-fiction, poetry, and drama and introduces students to the historical context, author's influence, and literary impact of the works.

Prerequisite

N/A