

Cumberland Valley Christian School



VIRTUAL SCHOOL

"Online
learning with
a Christian
emphasis"



COURSE CATALOG
2019-2020

Elective Bible Courses

CVCS Aligned Course -Bible- Possessing the Land

This course walks students through various Bible stories and helps them apply them to their daily lives. 36 weeks | suggested grade level: 5th-6th

CVCS Aligned Course -Bible Elective- Proverbs

This study will help students use the book of Proverbs to apply to their lives and walk with Christ. 36 weeks | suggested grade level: 7th-12th

CVCS Aligned Course -Bible Elective- Wise UP!

This courses also takes a look at Proverbs and will show the student even more applications to their life. It will show them how to make Bible Study part of their everyday life and how to the Bible is applicable to their lives. 36 weeks | suggested grade level: 7th -12th

Bible Elective- In Their Sandals

A look at the Bible through the disciples eyes. To give students a new view of the Bible and the disciples. 36 weeks | suggested grade level: 7th-12th

Bible Elective- Behold Your God

A creative writing centered Bible course that helps students study God and write on subjects of the Bible. 36 weeks | suggested grade level: 7th-12th

Elementary Courses

5th Grade Reading and Spelling

In this course, students build upon the reading comprehension and spelling skill sets they have studied at previous grade levels to read and comprehend both fiction and nonfiction texts independently by utilizing strategies such as re-telling, summarizing, note-taking, connecting to prior knowledge and extending ideas. course: 36 weeks

5th Grade Writing and Grammar

At this level, students will write poems, stories and plays using literary elements and devices while maintaining a sharp, clear focus on the topics presented. Students begin to develop skills that help them to create a clearly-stated position or opinion in their writing that includes supporting details and cited sources. course: 36 weeks

5th Grade Math

Students review place value and the basic mathematical operations before moving on to multiplication and division with 2- and 3-digit numbers. Addition, subtraction and multiplication with fractions and decimals are covered along with an introduction to concepts of geometry, perimeter and area. course: 36 weeks

CVCS Aligned Course- 5th Grade Science

At this level, students are introduced to important topics of life, earth and physical sciences. Topics in this class include characteristics of living things and their environments, from a Biblical worldview and perspective course: 36 weeks

5th Grade Social Studies

In this course, students will differentiate how continuity and change in U.S. history, world history and state history interact and are enacted. Finally, this course will enhance the students' familiarity with geography and the interactions between people, environment and regions. course: 36 weeks

5th Grade Art

In this 18-week art course, students will explore 6 units of study, which include: Line, Shape and Value; Space, Shape and Form; Color and Pattern; Proportion and Distortion; Texture, Rhythm, Movement and Balance; and Harmony, Variety, Emphasis and Unity. course: 18 weeks

5th Grade Health and Wellness

In this 36-week course, students will expand upon their earlier studies related to health and wellness. Topics of study include: Mental, Emotional, Family and Social Health; Growth and Nutrition. Signs of Illness and Careers in Health and Fitness. Healthy lifestyle choices are explored and encouraged. Finally, the course includes an activity log with an expectation of 60 minutes of documented physical activity per five days of school. course: 36 weeks

5th Grade Music

In this 18-week course, students will expand upon the basic knowledge from the 4th grade course. They will study composers such as Brahms, Chopin and Tchaikovsky. They will also begin to compose more complex music, incorporating a grand staff, various notes and rests. Finally, students will begin to understand different musical scales and intervals. course: 18 weeks

Language Arts:

6th Grade Language Arts

At this level, students explore the genres of poetry, fiction and nonfiction. They gain a better understanding of basic grammar, including: punctuation, parts of a sentence and more. They also learn how to compose narrative, persuasive and informative essays. course: 36 weeks

7th Grade Language Arts

In 7th grade, students build upon their existing reading skills and focus on increasing their metacognitive abilities through careful analysis. They further explore poetry, fiction and nonfiction and begin to learn about a fourth type of writing — drama. They increase their grammar skills by combining sentences and mastering other writing techniques. course: 36 weeks

8th Grade Language Arts

Fables, speeches and nonfiction (namely, The Diary of Anne Frank) are at the heart of this language arts course. Topics of exploration include characterization, point of view, rhythm and other writing techniques. Students further hone their grammar skills with an emphasis on improving and strengthening sentences and writing in a variety of styles for different purposes. course: 36 weeks

9th Grade Language Arts

In this entry-level high school course, students explore fiction and nonfiction writing techniques such as foreshadowing and theme. They read classic literature and authors and become acquainted with Shakespeare's Romeo and Juliet, excerpts from Maya Angelou's I Know Why the Caged Bird Sings and various poems by Robert Frost. course: 36 weeks

10th Grade Language Arts

The focus in 10th Grade Language Arts is on multicultural literature. Students read classic dramas such as Shakespeare's Julius Caesar and Sophocles' Antigone while also coming to appreciate Japanese tankas and Mark Twain's wit. Students study literary techniques, including: plot structure, symbolism and more. course: 36 weeks

CVCS Aligned- 11th Grade Language Arts

This course will be directly aligned with the on-campus course, taught from a Biblical perspective to further students understanding of writing and reading: 36 weeks

CVCS Aligned- 12th Grade Language Arts

This course will be directly aligned with the on-campus course, taught from a Biblical perspective to further students understanding of writing and reading. 36 weeks

Mathematics

Mathematics - Course 1

Students in this course work with fractions, decimals and percentages. They use these tools to solve problems relating to geometry, algebra and probability. They develop, implement and evaluate problem-solving plans for various types of mathematical problems. course: 36 weeks | suggested grade level: 6

Mathematics - Course 2

In this course, students expand upon their working knowledge of fractions, decimals and percentages acquired in Course 1. They also apply their understanding of numbers to describe relationships between shapes and are encouraged to use these skills to solve algebraic equations and become familiar with rates of change and other patterns. course: 36 weeks | suggested grade level: 7

Mathematics - Course 3

Students in Course 3 learn to evaluate and solve multi-step equations and functions to serve as a foundation for future work in geometry, measurement and probability. Students will be able to display their solutions in tables, graphs and equations. course: 36 weeks | suggested grade level: 8

Pre-Algebra

This course is the first formal introduction to the concepts and language of algebra. Students become familiar with positive and negative rational numbers, proportions and how those numbers relate to each other through various algebraic operations. These skills form a foundation that will help students in later math and science courses. course: 36 weeks | suggested grade level: 8/9

CVCS Aligned- Algebra I

At this level, students study the existence of patterns within mathematical models and display them graphically. They examine varying rates of change and the impact of a changing variable on an algebraic expression. These skills will be used to perform various mathematical operations on polynomial expressions. course: 36 weeks | suggested grade level: 9

CVCS Aligned- Geometry

In this geometry course, students learn about associations between geometry, algebra and measurement. Students are encouraged to analyze 2- and 3-dimensional geometric shapes and understand relationships between shapes. They utilize the coordinate plane to demonstrate relationships between points. course: 36 weeks | suggested grade level: 10

CVCS Aligned- Algebra II

As a continuation of skills learned in Algebra I, students now focus on evaluating and solving algebraic, quadratic, exponential and logarithmic expressions. These concepts will be integrated into mathematical and geometric models involving series and sequences. Students study these models through a combination of systems of equations and graphing. course: 36 weeks | suggested grade level: 11

Trigonometry

This course in trigonometry helps students gain an understanding of exponential, logarithmic and trigonometric functions. Students are exposed to symbols, terminology and rules of trigonometry. They learn how to identify, describe, analyze and evaluate polynomial forms of these functions. course: 36 weeks | suggested grade level: 12

CVCS Aligned- Pre-Calculus

In this course, students will be exposed to a wide array of mathematical concepts. Topics will include: Fundamentals of Calculus, Equations and Inequalities, Functions, Polynomial and Rational Functions, Applications to Optimization, Trigonometric Functions and Conic Sections. Throughout this course, students will be exposed to these topics and have an opportunity to explore additional topics in algebra. course: 36 weeks | suggested grade level: High School

Calculus

In this advanced math class, students focus intensively on plane analytic geometry and solid analytic geometry. This concept is then integrated with differential and integral calculus. In addition to the mechanics of differential and integral calculus, the mean value theorem, the fundamental theorems of differential and integral calculus and ordinary and uniform continuity are emphasized. Limit theory and application of differential calculus are also studied. course: 36 weeks | suggested grade level: High School

Science

CVCS Aligned- Observing God's World

This course introduces students to important topics in science from a Biblical perspective. It will encourage an love and understanding of God's world course: 36 weeks | suggested grade level: 6

CVCS Aligned- Life Science

As part of this course in life science, students study living organisms, the structure and function of the cell, heredity, evolution, viruses, bacteria, plants, animals and how living things interact in the environment, taught from a Biblical worldview. course: 36 weeks | suggested grade level: 7

CVCS Aligned- Earth Science

In their study of Earth Science, students learn about Earth's materials and the changes to its surface and interior, along with the forces that cause those changes. Other topics covered include weather, the ocean and the study of our solar system, galaxies and the universe taught from a Biblical worldview. course: 36 weeks | suggested grade level: 8

CVCS Aligned- Biology

This biology course includes topics of study such as cell structure and function, photosynthesis, cellular respiration, mitosis and meiosis, genetics and heredity. Students will be able to apply the theory of cell biology to all living organisms, taught from a Biblical worldview. course: 36 weeks | suggested grade level: 9

CVCS Aligned- Chemistry

In this class, students are introduced to principles of chemistry and their applications. The course explores general chemistry topics and problem solving skills. Topics covered include: matter and change, measurement, the periodic table, chemical bonding and reactions, stoichiometry and reaction kinetics. Course taught from a Biblical worldview: 36 weeks | suggested grade level: 10

CVCS Aligned- Physics

Students study algebra-based concepts in this course that emphasize kinematics in one and two dimensions, forces and Newton's Laws of Motion, work and energy, circular motion, momentum and collisions, vibration and waves and electrical energy. They further develop problem-solving skills that can be applied across the sciences, taught from a Biblical worldview. course: 36 weeks | suggested grade level: 11

CVCS Aligned- Environmental Science

Through this environmental science course, students extensively explore biological and ecological topics, including: ecosystems, human populations, biodiversity, renewable and non-renewable resources and waste. They learn how humans impact the environment and about the economics and policies related to environmental issues, taught from a Biblical worldview. course: 36 weeks | suggested grade level: 12

Social Studies

Middle School World History

Middle school students begin their study of world history by exploring human history from ancient civilizations to the modern world. They examine the major themes of world history (geography, economics, government, citizenship, culture, global relations, science and technology and constitutional heritage). The text is supported by primary sources, maps and online resources. course: 36 weeks | suggested grade level: 6

World Geography

In World Geography, students receive an overview of the cultural and physical geography of the world. They develop critical thinking skills as they explore the seven continents of the world. The text is supported by online resources that include maps, videos, primary and secondary sources and quizzes that help reinforce effective citizenship. course: 36 weeks | suggested grade level: 7

Middle School U.S. History I

This middle school level course gives students an overview of American history from colonization to Reconstruction. They journey through various themes of American history, including culture and traditions, geography, government and democracy, and civic rights and responsibilities as they grow to understand what it means to be an American today. course: 36 weeks | suggested grade level: 8

High School U.S. History I

This high school level course gives students an overview of American history from pre-colonization to the turn of the twentieth century. They journey through various themes of American history, including culture and traditions, geography, government and democracy, and civic rights and responsibilities as they grow to understand what it means to be an American today. course: 36 weeks | suggested grade level: 9

Civics

In this class, students take an engaging, current and relevant look at the foundations of American government, citizenship and the American economic and legal systems. A wide variety of instructional tools are used to motivate students to participate, make decisions and take action both in and out of the classroom. course: 36 weeks | suggested grade level: 9

CVCS Aligned- Modern World History

This course is aligned directly with our on-campus course, it begins with the Renaissance and works its way up until the present. suggested grade level: 10

CVCS Aligned- Understanding the Times

This course is aligned directly with our on-campus course, This class deals with current events and issues that students will face in our world today, and how they should deal with those issues. | suggested grade level: 11

CVCS Aligned-Economics

The study of how people and nations make decisions about their money and their stuff. This course will learn some of the basic ideas, terms and concepts of economics, both on the individual microeconomic level and national macroeconomic level. | suggested grade level: 12

CVCS Aligned-American Government

This course is aligned directly with our on-campus course. | suggested grade level: 12

AP Courses

AP English Language and Composition

This college-level course is designed to provide the in-depth reading and writing skills that students need for college success. Critical and responsive reading skills are cultivated and developed using diverse fiction and nonfiction texts. Writing activities support and deepen students' understanding and control of formal conventions of written language, while broadening their understanding of how language is used rhetorically in formal and informal texts. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP English Language and Composition Exam. course: 36 weeks

AP English Literature and Composition

This college-level course helps students hone their critical literary analysis skills. Through intensive reading assignments, students explore language, character, action and theme. Students also write compositions representing a variety of genres, including literary analysis, exposition, argument, narrative and creative writing. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP English Literature and Composition Exam. course: 36 weeks

AP Calculus AB

This college-level course addresses such topics as elementary functions, properties of functions and their graphs, limits and continuity, differential calculus and integral calculus. Students are expected to work with functions graphically, numerically and analytically. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the

AP Statistics

AP Statistics is designed to introduce students to the major concepts and tools for data collection and analysis. Students will draw conclusions from data using technology and problem solving. Major themes covered in this course include data exploration, sampling and experimentation, patterns, and statistical inference. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Statistics Exam. course: 36 weeks

AP Biology

This college-level course focuses on conceptual understandings of four big ideas: 1) The process of evolution drives the diversity and unity of life; 2) Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis; 3) Living systems store, retrieve, transmit and respond to information essential to life processes; 4) Biological systems interact, and these systems and their interactions possess complex properties. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Biology Exam. course: 36 weeks

AP Chemistry

This college-level course covers such topics as atomic theory and structure, chemical bonding, states of matter and reactions. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Chemistry Exam. course: 36 weeks

AP Environmental Science

This college-level course provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems that are both natural and human-made. They will evaluate the risks associated with these problems and examine alternative solutions to addressing them. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Environmental Science Exam. course: 36 weeks
academic term: 2019-2020

AP U.S. History

This college-level course is an intensive study of United States history from 1492 to the present. Students learn how to analyze, evaluate and interpret historical sources and evidence. This course requires extensive reading, research and writing and meets the rigorous standards of the College Board. It was designed to prepare students to sit for the AP U.S. History Exam. course: 36 weeks

AP Macroeconomics

The purpose of the AP Macroeconomics course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and pricelevel determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Macroeconomics Exam. course: 36 weeks

AP Microeconomics

The purpose of the AP Microeconomics course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economics system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Microeconomics Exam. course: 36 weeks

AP Psychology

This college-level course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will also learn about the ethics and methods psychologists use in the science and in practice. This course meets the rigorous standards of the

AP Computer Science A

The AP Computer Science A course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. course: 36 weeks

Health/Physical Education

Middle School Physical Education*

Middle school students enrolled in this course will learn information which they can use to develop a healthy, active lifestyle. Topics covered include muscle function, cardiovascular fitness, body types, nutrition, weight management and body systems. The course includes an activity log with an expectation of 90 minutes of documented physical activity per five days of school. course: 36 weeks

High School Physical Education

High school students acquire a more advanced understanding of health and wellness information that they can utilize to develop healthy attitudes and behavior patterns. Critical thinking and decision-making skills are taught and practiced throughout the course as students are encouraged to recognize their power to choose healthy behaviors to reduce risks. The physical education component includes an activity log with an expectation of at least 90 minutes of documented physical activity per five days of school weekly. course: 36 weeks

High School Physical Education (18 weeks)*

This textbook-independent course focuses on vital exercise- and nutrition-based concepts to give students a well-rounded understanding of healthy lifestyle choices. The course also includes a weekly activity log with an expectation of at least 90 minutes of documented physical activity per five days of school. course: 18 weeks

Food and Nutrition

This course helps students better understand the principles of nutrition. Students gain a basic knowledge of nutrition and good health. They study healthy preparation and care of food as well as food management. They also learn about the food science involved in the preparation process. course: 36 weeks

Middle School Introduction to Sports

This middle school level introductory course is all about sports. Covering a wide range of sports from athletics, gymnastics, team sports, racket sports, combat sports, water sports, winter sports, target sports, sports on wheels, motor sports, animal sports, and extreme sports. This course is

sure to spark the curiosities and interests of those who love the world of sports. Students will learn the rules and regulations and certain techniques of each individual sport. course: 18 weeks

Sports Officiating

Sports Officiating will take a closer look at the career of sports officials. Students will learn how to develop and build the skills of officiating, for example: conflict management, decision-making, communication, and goal setting skills. They will examine the importance of being physically and mentally fit in regards to the demands of officiating. The course will conclude with a look into the professional and legal responsibilities of sports officials. course: 18 weeks

Strength Training

Strength Training focuses on the biological and physiological components and effects of a person's conditioning, strength training, and aerobic training activities. Fitness programs range from aerobic endurance training, flexibility training, free weight and machine training, and resistance and plyometric training. Students will learn the structure and function of their body systems and how they are affected by performance and strength training programs and exercises. The course concludes by taking a look at rehabilitation and reconditioning sciences to help others recover from injuries and surgeries. course: 18 weeks | suggested grade level: 11-12

Foreign Languages

Invitation to Languages

Invitation to Languages introduces students to five of the major world languages: Spanish, French, German, Latin, and Japanese. In this engaging course, students will learn about the history of communication, writing systems, written and spoken language, and the structure of language. Students will learn basic phrases in each of the five languages including greetings, counting, days of the week, basic objects, descriptions of self and others, weather, and numbers. This course gives students a solid foundation and basic understanding of the components of each language and guides them toward choosing a foreign language to study in high school and beyond. course: 36 weeks | suggested grade level: Middle School

French I

Beginning French students are introduced to the basic elements of French as they move through the early stages of language acquisition. They study major vocabulary categories, verb tenses and other fundamental components of French grammar. The main purpose of the course is to help students communicate in French at a basic level, appreciate the French-speaking world and develop cultural awareness. course: 36 weeks

French II

French II students review the basic elements of French grammar acquired in French I and then will greatly expand their communicative abilities. The textbook is written entirely in French, which helps students advance their knowledge of French grammar, structure and vocabulary. Their language skills increase so they are able to participate more fully in general conversations, read more sophisticated passages and write with a firmer command of syntactical structures. Cultural awareness is also further developed. course: 36 weeks

French III

Latin I

Students are introduced to Latin language and ancient Roman culture. Focus is placed on basic grammar, syntax and vocabulary. Students explore Latin and English words through a set of recorded Latin stories with English translations. Upon completion of this course, students will be able to read and write in Latin on a basic level. course: 36 weeks

Latin II

Students enrolled in Latin II will expand upon what they learned in Latin I. They increase their skills and depth of knowledge through the practice of structures, forms and vocabulary. course: 36 weeks

Spanish I

Spanish I students are introduced to the Spanish language through basic vocabulary and grammar. Students study the present tense of both regular and irregular verbs and are introduced to affirmative commands and the present progressive tense. Students are able to greet others, introduce themselves and communicate in short conversational phrases. Students learn about the culture and history of the Spanish-speaking world, culminating in a project about a country of their choice. course: 36 weeks

Spanish II

Spanish II students review the basic elements of Spanish grammar acquired in Spanish I and expand their vocabulary. Students master the present progressive verb tense and are introduced to the preterit tense. Students are able to ask for information, describe people and places and communicate in sentence form. Students continue to learn about the different perspectives, practices and products of the Spanish-speaking world. course: 36 weeks

Spanish III

Spanish III students review the basic elements of Spanish grammar acquired in Spanish I and II and expand their communicative abilities. Students master the preterite verb tense and are introduced to the imperfect and future tenses and the present subjunctive. Students will communicate in paragraph form and explain events that have happened in the past, as well as describe events that will take place in the future. Students continue to learn about the Spanish-speaking world through art, literature and music. course: 36 weeks

Spanish IV

Spanish IV students review the grammar concepts previously learned in Spanish I, II and III, including the present, preterite, imperfect and future verb tenses. Students will further their knowledge of the Spanish language by learning the command forms and delve more in-depth with the various forms of the subjunctive tense. Students will continue to learn about the Spanish-speaking world through authentic literature and poetry. course: 36 weeks

Electives

Creative Writing

This course explores strategies used in creative writing and helps students to develop a deeper appreciation of good writing and established authors. Students create a variety of works ranging from poems to short stories. While writing prose, students review rules and guidelines for correct punctuation, grammar and sentence structure. Effective, appropriate and economical word choice is also practiced. course: 18 weeks

Journalism

This high school course includes a brief history of American journalism and discusses the duties of a journalist. Additional topics that are taught in this course include the rights and responsibilities of journalists, style and editing, news writing, sports writing, feature writing, editorial writing, newspaper design, yearbook design, advertising and much more. course: 36 weeks

The Art of Communication

This course provides students with a comprehensive introduction to interpersonal, intercultural, professional, group, and public communication. Students will be presented with the theories and research behind effective communication, as well as engaging activities to enable practical application. Students will learn about the communication process, verbal and nonverbal communication strategies, conflict and conflict management, and speaking and listening in a group or public setting. course: 18 weeks

Business Math

This high school business course is structured utilizing a threepronged approach: basic math review, personal finance and business mathematics. It builds and strengthens students' basic math skills in personal and business mathematics. course: 36 weeks

Probability and Statistics

This course introduces students to sampling methods, descriptive statistics and probability distributions. Students learn how to take effective samples and create valid experiments. They acquire tools and knowledge that will enable them to effectively evaluate and interpret data. course: 36 weeks

Anatomy and Physiology

This intensive course gives students an overview of human anatomy and physiology. It covers information about the human body at the cellular and chemical levels. Students learn about control and regulation of each of the systems in the human body and how each of the systems applies to disease and development. course: 36 weeks

Animal Husbandry

Students interested in animals and agriculture will enjoy this elective course designed to introduce students to animal science. Throughout the course, students will be encouraged to learn about a variety of areas, including: nutrition, anatomy and physiology, biotechnology, biosecurity, and genetics and animal reproduction. Additionally, students will have the opportunity to explore the various aspects of a career in animal husbandry. course: 18 weeks

Introduction to Forestry

This elective course is designed to introduce students to the topic of forestry. Units within this course include: North America Forest Regions, Safety in the Forest, Forest Management, and Forest Products. Additionally, students will be able to learn more about the various career options in this field. course: 18 weeks

Introduction to STEM

This course is designed to introduce the four areas of STEM by exposing students to numerous practical examples of the impacts of technology on our world. Upon completion, students will have the confidence to describe why technological systems in various fields work the way they do. course: 18 weeks

Oceanography

Students taking this course will combine their knowledge of geology, chemistry, physics, and biology to examine and learn more about our Earth's oceans. This course is designed to allow students to take away a fundamental understanding of how the oceans work and why they behave in the ways that they do. Overall, this elective course does a good job of explaining the larger picture of how our oceans interact with all of the systems on Earth. course: 36 weeks

Zoology

This elective course is designed to expand upon concepts learned within a life science or biology course. Specifically, zoology will address the animal kingdom, including the structure, embryology, evolution, classification, habits, and distribution of animals both living and extinct. course: 36 weeks

Psychology

This introductory psychology course acquaints students with basic principles of psychology. Students learn about how concepts they encounter in the course have real-life applications. The text is supported by online resources, videos and quizzes. course: 18 weeks

Sociology

This sociology course explores the interactions and relationships of the varying groups within society. Students investigate the roles of societies' institutions and the effects of these institutions on different demographics. They also learn about the challenges and problems faced by communities. course: 18 weeks

Art History

Art History students will gain a basic understanding and appreciation of art as it is encountered on the high school level and beyond. Students begin with a study of art processes, criticism and aesthetics and progress to an overview of art history through the 21st century. course: 36 weeks

Middle School Art Appreciation

Middle school students enrolled in this course will gain an appreciation of art with an understanding of its historical context. Students will learn how historical, political, geographical, social, and religious events shape each culture's art and make it unique. Traditional art from the following cultures is discussed within the course: Western Europe, China, Japan, India, Native America, and Africa. course: 18 weeks

Music History/Music Appreciation

This course introduces students to perceptive listening and provides an engaging presentation of musical elements, styles and stylistic periods. Organized chronologically, this course provides a survey of music's evolution from the music of the Middle Ages to classical, jazz, blues and rock. This course concludes by exploring the non-Western music traditions from Africa, India and Japan. course: 18 weeks

High School Career Exploration

The Career Exploration course equips students with a background and process for successfully transitioning from school to a career. Students complete a self-assessment — analyzing their interests, skills and goals — to begin the development of a targeted approach to their next educational steps and, ultimately, their careers. Additionally, students study and practice practical skills such as resume writing and interviewing. Various career opportunities are presented as well as the tools students need to further understand and research their own career directions. course: 18 weeks

Accounting I

Accounting I students learn how to maintain accurate business records. Students study business transactions, including working with source documents, handling ledger accounts, preparing worksheets and working with financial statements. They will gain a real-world understanding of the applications of accounting. course: 36 weeks

Business and Personal Law

This course examines legal obligations of parties involved in housing, business and personal endeavors. Topics of study include contractual obligations, corporate responsibilities and marriage/ divorce law. course: 36 weeks

Marketing

The Marketing course introduces students to basic marketing techniques and business decision-making processes. Students study the marketing process and increase their knowledge of markets, buyers, promotion and pricing. The course aims to improve students' understanding of how professional advertising agencies design, market and distribute their products. course: 36 weeks

Culinary Arts

Students begin by examining kitchen basics such as food and kitchen safety, and proper use of foodservice equipment. Culinary basics and applications, like reading recipes and measurements, proper cooking methods, and food preparation skills, are presented. A look into the career of culinary management completes this exploration of culinary arts. course: 18 weeks

Culinary Arts: Baking and Pastry

Students enrolled in the baking and pastry course are introduced to the basic principles of pastries and baking. They learn about ingredients, measurement, tools and standard baking equipment. The basics of breads, doughs, pastries, custards, cakes, cookies, and pies are explored, along with frozen desserts and healthful and special-needs baking. Other topics include professionalism in the fields of food service, restaurants, and bakeries, as well as operations, safety, and sanitation. course: 18 weeks

Google Drive*

This course will instruct students in the essentials of Google Drive. Students will create, format and share documents, spreadsheets and presentations, and gather data via Google Forms. Students will learn how to adjust permissions and document accessibility, as well as how to create collaborative projects with a group of faculty or fellow classmates. course: 18 weeks

Introduction to Computer Programming

This course is directed towards students interested in gaining programming experience. The main objective of this course is to provide students with an understanding of computation and its usefulness. It also aims to provide students with the ability to write small programs that allow them to complete various goals. Students who enroll in this class will use the Python programming language. course: 18 weeks

Web Design I (HTML5 and CSS3)

In this introductory course, students will learn the basics of writing HTML5 and CSS3 structured web pages and sites. Students learn to prepare images, audio and video, as well as control typography and layout. Students are introduced to the basics of designing and building attractive, user-friendly content on the web. course: 18 weeks

Personal Finance and Financial Literacy

The Personal Finance and Financial Literacy course exposes students to important financial issues they are likely to encounter in their lives. Topics include home buying, balancing a budget and responsible use of credit and borrowing. This knowledge will increase students' abilities to manage their finances in a responsible and intelligent manner. course: 18 weeks