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BIBLE

Bible Doctrine

Semesters 1 & 2

Bible Doctrine provides a developmental and in-depth academic study of the teachings of the Old and New Testaments, focusing on important topics including the faithfulness of God; the doctrine of Christ; the nation of Israel; the history and integrity of the Bible; the pursuit of happiness; and friendship, dating, and marriage. There is also a special emphasis on the book of Romans. These areas target four content strands: theology, the attributes of God, Christian growth, and Christian evidence.

Upon completion of the course, students should be able to do the following:

- Explain the meaning of God's faithfulness to His people.
- Identify the key themes for understanding the book of Romans.
- Discuss the unique features of Christ's person and work.
- Describe the development and role of the nation of Israel.
- Describe the development of the Old and New Testaments into one book.
- Identify the essential components of successful relationships.
- Know how to avoid the failures of Solomon's pursuit of happiness.
- Answer critics concerning the truthfulness of the Bible

Christian Faith and Living (i)

Semesters 1 & 2

Christian Faith and Living applies what students have learned in their study of the teachings of the Old and New Testaments. The course focuses on personal Christian ministry, the nature of God, comparative religions, and the writings of James, John, David, Solomon, and Daniel. These areas target three content strands: the attributes of God, biblical literature, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the unique identity of a Christian.
- Pursue the various opportunities to serve as a Christian.
- Explain the Christian view of the Trinity.
- Identify the meaning of James' and John's letters.
- Describe the contents of the book of Daniel.
- Contrast Christianity with other religions of the world.
- Use God's wisdom to solve problems among today's youth.
- Identify the practical steps toward successful Christian living.



New Testament Survey

Semesters 1 & 2

New Testament Survey provides a developmental and in-depth academic study of the teachings of the New Testament from the Intertestamental period (prior to the birth of Christ) to the book of Revelation. The survey emphasizes the most important people, places, and events in the development and expansion of the Church. The course also includes material on Christian suffering, witnessing, and the will of God. New Testament Survey targets four major strands: theology, biblical literature, biblical background, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the background of the New Testament.
- Identify key people, places, and events in the New Testament.
- Provide the setting and purpose for each New Testament book.
- Understand the importance of the Church.
- Identify the various apostles and their particular ministries.
- Understand the biblical approach to suffering.
- Tell others about the Gospel with more knowledge and confidence.

Old Testament Survey (i)

Semesters A & B

Old Testament Survey provides a developmental and in-depth academic study of the teachings of the Old Testament, from the creation of the world (Genesis) to the restoration of Israel and the ministry of its post-exilic prophets (Malachi). The survey emphasizes the most important people, places, and events in the development and decline of the nation of Israel. These areas target three content strands: theology, biblical literature, and biblical background.

Upon completion of the course, students should be able to do the following:

- Identify the key people, places, and events of the Old Testament.
- Provide the setting and purpose for each Old Testament book.
- Identify the different eras in the history of Israel.
- Appreciate the importance of the nation of Israel.
- Describe the rise and fall of the kingdoms of Judah and Israel.
- Identify the various prophets with the era in which they ministered.

ELECTIVES

American Sign Language

1 Semester

This course introduces the basics of American Sign Language (ASL). This course is designed for students with no or minimal sign language skills to develop basic skills in use of ASL and knowledge of Deaf culture. Some of the topics we will learn about in this class are; the alphabet, numbers, beginning conversation starters, greetings, people, animals, feelings, action signs and more. Both expressive and receptive skills of students will be the focus of this course.

College Planner

1 Semester

College Planner is a one-semester high-school elective, with the following goals:

- Guiding students in the entire college process
- Planning for college
- Selecting the right school
- The application process
- Financial aid
- Guiding students who may not be headed to college

The program focuses on the decision-making process of choosing a school, covering both the application process and financial requirements. Additionally, for those students who will not be attending college or university, the course surveys non-college options.

Essentials of Business

1 Semester

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.

Family and Consumer Science

Semesters A & B

Family and Consumer Science is a 10-unit elective that uses biblical principles to help high school students develop positive self-esteem and learn to successfully navigate relationships with family, friends, co-workers, and even those in the marketplace. The curriculum introduces students to character



and appearance from a biblical perspective. The material also teaches about nutrition, clothing styles, home care and hospitality, personal finance, and child development and care.

Through this course, students will do the following:

- Examine specific principles that will help develop their personal lives from a Christian perspective.
- Learn about proper nutrition and demonstrate skill in preparing various food items.
- Identify the purposes for making specific choices in clothes.
- Prepare weekly and monthly budgets.
- Develop skills necessary to care for children ranging from birth to young school-age.
- Develop an understanding of relational dynamics with family members, friends, classmates, co-workers, and those encountered in the marketplace.

Foundations for Living

Semesters A & B

Foundations for Living is an elective for high schools students. Designed specifically with 11th and 12th graders in mind, Foundations for Living provides a Bible-based, sequential development of a Christian worldview through the use of fundamental truths from the Bible and the application of biblical principles to the various areas of contemporary life. The course aims to pull all of a student's education together into a unified whole, preparing them for their new adventures beyond high school in the home, church, college, and society.

Medical Terminology

Semesters A & B

Students interested in a career in any medical-related field will benefit from the foundation provided in Medical Terminology. Filmed in 3-D, the course incorporates numerous charts and diagrams to reinforce the relevance of the terms.

Personal Financial Literacy

1 Semester

Personal Financial Literacy is a semester-length elective designed to help high school students prepare for success in making financial decisions throughout their lives. Topics in the course address the advantages of making sound financial decisions in both the short and long term, income planning, money management, saving and investing, and consumer rights and responsibilities.

SCIENCE

Anatomy and Physiology

Semesters A and B

The aim of Semester A is to expand upon what was learned in your Biology class, while emphasizing the application of this material to human structures and functions. This course begins the study of human beings at the microscopic level and works its way up to an in-depth study of selected organ systems. Special emphasis will be placed upon applying and demonstrating the information learned in this course through, not only tests and quizzes, but through special projects and collaboration as well.

Semester B is designed to give the student an understanding of how structure and function are related in the human body. The student will study the human body from the cellular level to the organ system level. All of the major body systems will be studied in great detail. Additionally, biochemistry, cell biology, histology, biotechnology, bioethics, and pathology will also be studied. This course is highly recommended for students seeking a career in science or a health-related profession.

Biology

Semesters A & B. An Honors option is also available.

Biology is intended to expose students to the designs and patterns of living organisms that have been created by God. In preceding years, students should have developed a foundational understanding of life sciences. This biology course will expand upon that knowledge and incorporate more abstract knowledge. The student's understanding should encompass both the micro and macro aspects of life and this biology course includes both. The major concepts covered are taxonomy, the chemical basis of life, cellular structure and function, genetics, microbiology, botany, human anatomy and physiology, and ecological principles. Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student.

The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding. *Biology should be preceded or accompanied by an Algebra I course.*

Chemistry

Semesters A & B. An Honors option is also available.

Chemistry is intended to expose students to the designs and patterns in the world that God has created. In preceding years, students should have developed an understanding for the macroscopic properties of substances and been introduced to the microstructure of substances. This chemistry course will expand upon that knowledge, further develop the microstructure of substances, and teach the symbolic and

mathematical world of formulas, equations, and symbols. The major concepts covered are measurement, atomic structure, chemical formulas and bonding, chemical reactions, stoichiometry, gasses, chemical equilibrium, and organic chemistry. Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding. *Chemistry should be preceded or accompanied by an Algebra II course.*

Earth Science

Semesters A & B

Earth Science is a high school science course that explores Earth's structure, interacting systems, and place in the universe. The course uncovers concepts and processes found in:

- Astronomy – Earth's place in and interaction with space
- Geology – physical structure and dynamic processes
- Meteorology – atmosphere, weather and climate
- Oceanography – oceans and marine life.

Students will have the opportunity to evaluate and explore many scientific concepts by participating in interactive lab sessions, conducting hands-on activities, and completing projects designed to improve the understanding of Earth and its dynamic functions.

Environmental Science

1 Semester

Environmental Science provides high school students an introduction to the study of the natural world and how it is influenced by human activity. Students will explore the patterns and processes of Earth and how these are affected by natural and human impacts. They will study environmental problems that our planet is facing today and various efforts to solve these problems, ultimately understanding the need for a sustainable future.

Marine Science

1 Semester

About 70% of the Earth is covered by water. Even today, much of the world's oceans remain unexplored.

Marine scientists make exciting new discoveries about marine life every day. In this course, students will discover the vast network of life that exists beneath the ocean's surface and study the impact that humans have on the oceans.

Paleontology

1 Semester

From Godzilla to Jurassic Park, dinosaurs continue to captivate us. In this course, students will learn about the fascinating creatures both large and small that roamed the earth before modern man. Watch interesting videos from experts at The Royal Tyrrell Museum, a leading paleontology research facility, and discover how the field of paleontology continues to provide amazing insight into early life on earth.

Physical Science

Semesters A & B,

Integrated Physics and Chemistry is a physical science course designed for high school students needing an entry-level science course covering basic concepts found in chemistry and physics. Topics included in this study are:

- matter,
- motion and forces,
- work and energy,
- electricity and magnetism, and
- waves.

Physics

Semesters A & B. An Honors option is also available.

Physics is intended to expose students to the design and order in the world that God has created. In preceding years, students should have developed a basic understanding of the macroscopic and microscopic world of forces, motion, waves, light, and electricity. The physics course will expand upon that prior knowledge and further develop both. The curriculum will also seek to teach the symbolic and mathematical world of formulas and symbols used in physics. The major concepts covered are kinematics, forces and motion, work and energy, sound and light waves, electricity and magnetism, and nuclear physics. Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding. Physics should be preceded by Algebra I and II courses and geometry.



Space Exploration

1 Semester

In 1961, Yuri Gagarin became the first human to go to space. In 1969, Neil Armstrong became the first human to step on the moon. This comprehensive course will examine the history and future of space travel. Find out how we have put people in space in the past, and what it will take for us to reach new frontiers, including Mars and beyond.

SOCIAL SCIENCES

American History

Semesters A & B

American History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course covers early American exploration to the present day, placing special emphasis on the politics of the 18th and early 19th centuries and the Civil War. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Civics

1 Semester

In this five-section elective, high-school students will learn about the rights and responsibilities of being an American citizen. By studying different forms of government, students will investigate what motivated America's founding fathers as they drafted the U.S. Constitution. Students will also learn about the branches of the U.S. government as laid out in the Constitution and about the structure of state and local governments. In each unit, students will complete an in-depth project related to that unit's topic.

Civil War

1 Semester

You are about to embark on the fascinating history of the Civil War. It is a story of human choices that linked the past to the present and influenced the future. It is a drama of how one nation changed through times of conflict and cooperation. It is a tale of two children (the North and South) living under the same roof (The United States) and how they disagreed over the issues of states' rights and slavery.

As you study the Civil War, you will detect patterns in the way people thought and acted. You will see



familiar patterns in how battles were won and lost. You will also note how events happening today affect the future. The principle of cause and effect applies in everything you do.

Current Events

1 Semester

The goal of this course is to become familiar with current events and the world at large. You will use CNN Student News as your main textbook for the year. This should not deter you from looking at other news outlets. The student should view CNN Student News each day. The student should take notes on all material on the broadcast. On Mondays, there will be a quiz on the previous week's broadcasts. The student should prepare one page description on an issue that has been followed through the semester. The student will learn vocabulary related to current events.

Additional Resources: Students are welcome to access other news outlets to add to their own knowledge of a current event.

Government and Economics

Semesters A & B

Government and Economics continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on two major areas: Government, with special emphasis on American government, and Economics, with special emphasis on personal finance. These areas of focus target three major content strands: History, Government and Citizenship, and Economics.

Psychology

Semesters A & B

In Psychology A the student begins with a brief history of psychologists and their experimental methods. Next they examine personality theories. Then human development from the infant stage through adult stage is explored. Finally, the last part of the course is about consciousness: sleep, dreams, and conscious-altering substances. Students are encouraged to increase their own self-awareness as they move through the course.

In Semester B, students continue to learn about psychology. Students examine the nature of intelligence in humans and animals, including the origin of intelligence and how to measure it. They learn about learning with an emphasis on classical and operant conditioning. Students also investigate social psychology and psychological disorders. They demonstrate their understanding by completing projects in which they play roles like teacher, parent, and psychologist.



Sociology

Semesters A & B

The world is becoming more complex. How do your beliefs, values and behavior affect the people around you and the world in which we live? Students will examine social problems in our increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course. Sociology is the study of people, social life and society. By developing a “sociological imagination” students will be able to examine how society itself shapes human action and beliefs...and how in turn these factors re-shape society itself! Fascinating online videos journeys will not only inform students, but motivate them to still seek more knowledge on their own.

Twentieth Century American History

1 Semester

Twentieth Century American History is a history elective for high school students interested in examining American history during a century of change, continuity, and conflicts.

Students will examine America's economic, political, governmental, cultural, and technological growing pains during the twentieth century. They will also consider the causes and effects of national and international cooperation, competition, and conflict.

US History 1, 1760-1877

Semesters A and B

US History 1 covers the development of this country from the early settlement and colonization through the end of the Civil War.

US History 2, 1877-21st Century

Semesters A and B

US History 2 covers the evolution of the country from the end of the Civil War through issues facing the country today.

Vietnam Era

1 Semester

What comes to mind when you think about the Vietnam Era? For many, that period represents a difficult time in U.S. history. It is defined by an unpopular war that claimed the lives of 58,000 Americans and some 3 million Vietnamese. In this course, you'll look at the history of the Vietnam War. The roots of the conflict stretch further back than you might know. You'll examine why the United States got involved in the conflict and why the United States failed to achieve





its objectives.

World Geography

Semesters A & B

This class takes students on a journey around the world in which they will learn about the physical and human geography of various regions. Students study the history of each region and examine the political, economic, and cultural characteristics of the world in which we live. Students will also learn about the tools and technologies of geography such as globes, maps, charts, and global information systems.

World History

Semesters A & B

World History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. With an emphasis on Western Europe, the course surveys ancient civilizations to the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand Western civilization from its beginnings to the present day.
- Understand the significant political and economic transformations and significant cultural and scientific events in Europe during the Renaissance.
- Understand significant religious and societal issues from the Renaissance through the Reformation.
- Understand the significant social and political developments in Europe and America brought on by the English, American, and French Revolutions.
- Understand the effects of the Industrial Revolution.
- Analyze major historical and political events of the 20th century, including the two World Wars, the Cold War, and the Vietnam War.

LANGUAGE ARTS

American Literature

1 Semester

American Literature is a five-unit elective that engages high school students in a literary conversation with some of the most colorful and influential minds in American history. Their words will give students

a greater understanding of themselves, their culture, and the ideas of others. The course teaches students the various movements in American literature, starting with the roots of American literature in writings from the Puritans. The course concludes with works by Dr. Martin Luther King, Jr., and other black writers who were part of the struggle for racial freedom during the civil rights era.

British Literature

1 Semester

Beginning with works from the Middle Ages, British Literature is a five-unit course that teaches high school students about some of the greatest books of Western Civilization. Students will learn how to appreciate the English literature of the Middle Ages for its wisdom and beauty and will also gain a better understanding of the development of the English language and its literature. Course units cover one to two centuries, concluding with the writings of apologist C.S. Lewis in the 20th century.

Creative Writing

1 Semester

The purpose of this course is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Students will analyze literary models and engage in peer review techniques.

English 9

Semesters A & B

English 9 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

Reading—reinforces reading comprehension skills by teaching students how to understand and appreciate poetry, drama, informative nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of drama, a novel, and selections from well-known poetry, and short stories.

■ Writing—further students' understanding of sentence structures; reviews parts of speech and their types, including in-depth studies on verbs (transitive, intransitive, conjugation, tense, voice, mood); develops students' understanding of the types and functions of phrases and clauses; teaches language history and etymology to help students build on knowledge of word structures, including prefixes, roots, and suffixes; expands on students' vocabulary skills; reviews spelling skills; gives students the opportunity to develop their abilities in writing speeches, short essays, poetry, friendly/business letters, and short stories.

- Speaking—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- Listening—teaches effective listening comprehension skills, weaving these together throughout the lessons.

English 10

Semesters A & B

English 10 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It focuses on deepening and furthering students' understanding in the following ways:

- Reading—reinforces reading comprehension skills by teaching students how to comprehend and appreciate poetry, drama, nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of the allegory *Everyman* and Sheldon's *In His Steps*, as well as selections of and excerpts from well-known poetry and short stories.
- Writing—develops students' understanding of complex sentence and paragraph structures, providing hands-on experience with connectives, transitions, phrases, and clauses; teaches language history and etymology to help students build on knowledge of grammar and word structures; expands on students' vocabulary skills; gives students the opportunity to develop their abilities in writing a set of instructions, a literary critique, a poem, a short story, and a speech.
- Speaking—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving the skills throughout the course.
- Listening—teaches effective listening comprehension skills, integrating these throughout the lessons.
- Special Topics—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

English 11

Semesters A & B

English 11 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- Reading—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, nonfiction, poetry, and drama; discusses common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and

structure of narrative and expository prose; guides students through readings of Thornton Wilder's *Our Town* (play) and Lee's *To Kill a Mockingbird* as well as selections of and excerpts from well-known poetry and nonfiction pieces.

- Writing—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence construction errors and methods for avoiding them; provides practice in standard and nonstandard English, as well as specialized language use; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives the opportunity to develop the skills in writing literary critiques, personal essays, poetry, and research papers.
- Special Topics—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

English 12

Semesters A & B

English 12 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- Reading—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, poetry, and drama, including discussion of common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through English literary history, including readings of Shakespeare's *Hamlet*, Milton's *Paradise Lost*, *Beowulf*, Bunyan's *The Pilgrim's Progress*, and other selections of and excerpts from English literary figures.
- Writing—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence and paragraph construction errors and methods for avoiding them; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, poetry, short stories, and expository prose.
- Listening—teaches effective listening comprehension skills, weaving these throughout the lessons; builds upon students' study skills as well as helps them to become reliable and efficient note takers.
 - Special Topics—incorporates research skills, including internet, library, and reference material use, throughout the curriculum

Essentials of Communication

1 Semester



Essentials of Communication: A Guide to Interacting Effectively in Today's World™ is a five-unit elective course for high school students. The materials cover fundamentals of the communication process important for successful interaction in a variety of social and professional settings. Students can use the course to gain and apply knowledge about communication theories, characteristics of language and language use, interpersonal relationships, group dynamics, and public speaking in order to interact more effectively with others.

MATHEMATICS

Pre-Algebra

Semesters A & B

In Pre-Algebra, students navigate learning paths based on their level of readiness.

Topics covered:

- Whole numbers and integers
- Fractions
- Decimals
- Ratios, proportions, and measurement
- Percents
- Equations and inequalities
- Graphing, functions, and sequences
- Exponents, polynomials, and radicals
- Angles, lines, and polygons
- Transformations
- Perimeters, areas, and volumes
- Data analysis and probability
- Other topics available

Algebra I

Semesters A & B

Algebra 1 provides comprehensive coverage of Algebra 1 and its prerequisites. Students navigate learning paths based on their level of readiness.

Topics covered:





- Arithmetic readiness
- Real numbers
- Linear equations
- Linear inequalities
- Functions and lines
- Systems
- Exponents
- Polynomials and factoring
- Quadratic functions and equations
- Radicals
- Rational expressions
- Data analysis and probability
- Other topics available

Algebra II

Semesters A & B

Algebra II is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. Students navigate learning paths based on their level of readiness.

Topics covered:

- Real Numbers and Linear Equations
- Lines and Functions
- Systems of Linear Equations and Matrices
- Exponents and Polynomial Expressions
- Quadratic and Polynomial Expressions
- Radicals and Advanced Functions
- Exponential and Logarithmic Functions
- Rational Expressions and Functions
- Conic Sections
- Sequences and Probability
- Other topics

Business Math

1 Semester

Business math covers the topics outlined below.



Topics covered:

- Mathematical foundations
- Percents and their applications
- Interest
- Personal finance
- Business finance
- Other topics available

Geometry

Semesters A & B

Geometry is a full year, high school math course for the student who has successfully completed the prerequisite course, Algebra I.

Topics covered:

- Algebra and Deductive Reasoning
- Lines and Angles
- Triangles
- Polygons and Circles
- Similarities and Transformations
- Volumes and Surface Areas
- Coordinate Geometry
- Other Topics

Trigonometry

Semesters A and B

Trigonometry is a course for high school students who have successfully completed Algebra I, Geometry, and Algebra II.

Topics covered:

- Functions and Graphs
- Quadratic Functions
- Unit Circle and Right Triangle Trigonometry
- Trigonometric Graphs and Inverse Functions
- Trigonometric Identities and Equations
- Applications of Trigonometry
- Other Topics

Pre-calculus

Semesters A & B

Pre-calculus is a full-year, high school credit course that is intended for the student who has successfully mastered the core algebraic and conceptual geometric concepts covered in the prerequisite courses:

Algebra I, Geometry, and Algebra II.

Topics covered:

- Algebra and Geometry Review
- Functions and Graphs
- Polynomial and Rational Functions
- Exponential and Logarithmic Functions
- Trigonometry
- Systems of Linear Equations and Matrices
- Sequences, Series and Probability
- Conic Sections
- Limits and Continuity
- Other Topics

Integrated Mathematics 1, 2 and 3

Each is a 2 semester course.

These courses include the feature of tying academic learning to real-life practice. Students concentrate on mastering a clear set of math skills and concepts which they then apply to solving real-world problems. Learning is made relevant to students, preparing them for success in college, career, and life. The 3 part series includes algebra, geometry, probability, and statistics.

Consumer Math

Semesters A and B

Consumer Math is an introduction to the many ways in which math can be used in everyday life. The course gives practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and interest equations. Students will also be introduced to topics in statistics.

Upon completion of the course, students should be able to do the following:

- Use basic math operations on fractions, decimals, and percents.
- Interpret graphs and charts.
- Understand sets and basic set theory.
- Calculate simple probabilities.
- Calculate statistical measures of variation.
- Use similarity and right triangle ratios for indirect measurement.
- Calculate taxes, discounts, and interest amounts.
- Apply math to everyday concerns, as well as to the realms of business and government

Probability and Statistics A

1 Semester

Semester A of Probability of Statistics is designed to give 11th- and 12th-grade students an overview of basic concepts of statistics, with an emphasis on descriptive statistics. The semester begins with the key concepts of data, samples, and populations. Students will create visual representations of data sets, such as histograms and bar graphs. Students will describe the central tendency and spread of data for a data set. Students will look for patterns in a data set and determine models based on those patterns.

Each of the five units includes twelve lessons and one project. Each lesson has a minimum of thirteen formative assessment questions to enable students and their teacher to gauge student understanding. Summative assessments include three quizzes in each unit, a test for each unit, and a semester exam covering all five units. Each project uses concepts covered in the unit.

- Unit 1: Describe the types of statistics, types of data, types of studies, and sampling methods.
- Unit 2: Create visual representations of data sets using dot plots, stem-and-leaf displays, scatter plots, and find the model that best represents the data.
- Unit 3: Describe the central tendency of a data set using various measures.
- Unit 4: Describe the dispersion of a data set using both numerical measures and

visual representations.

- Unit 5: Apply concepts learned in this lesson to a variety of real world applications.

Probability and Statistics B

1 Semester

Semester B of Probability and Statistics is designed to give 11th- and 12th-grade students a more in-depth look at statistics and its many applications, with an emphasis on inferential statistics. Students are also introduced to advanced counting techniques as well as probability and its applications.

The semester begins with the concept of sample space, basic probability, and the difference between theoretical and experimental probabilities. A more in-depth look at probability follows, with an emphasis on compound and conditional probabilities.

Students explore normal data distributions and its properties, followed by a look at the standard normal distributions and its usefulness as a probability model for making inferences about a population. The remainder of the semester is devoted to hypothesis testing using various significance tests such as 1- and 2-sample z-tests, 1- and 2-sample t-tests, significance tests involving proportions, and chi-square goodness of fit tests. Hypothesis testing is then put into practice through a variety of real-world of applications and projects.

Each of the five units in Semester B includes twelve lessons and one project. Each lesson has a minimum of thirteen formative assessment questions to enable students and their teacher to gauge student understanding. Summative assessments include three quizzes in each unit, a test for each unit, and a semester exam covering all five units. Each project uses concepts covered in the unit.

- Unit 1: Determine theoretical and experimental probabilities using probability rules, and determine if two events are independent.
- Unit 2: Identify mutually exclusive and non-mutually exclusive events, determine binomial probabilities, and calculate expected value.
- Unit 3: Use permutations and combinations to calculate probabilities, and apply the properties of normally distributed data.



- Unit 4: Understand the central limit theorem, determine confidence intervals, and use hypothesis testing to compare proportions and means, and to determine the relationship between categorical variables.
- Unit 5: Distinguish between parametric and non-parametric statistics and apply these concepts to examine topics including health science and market research.

FITNESS

High School Health

1 Semester

High School Health is a health science elective course that introduces students to what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

Physical Education

1 Semester

Physical Education is a semester-long elective designed for high school students. The course focuses on performance of individual and team sports, with explanations of proper technique, rules of the game, and preparation. Team sports introduced include soccer, basketball, football, baseball, and volleyball. An introduction to fitness, strength, endurance, and nutrition is also included. Students will have the opportunity to perform each sport on their own time, while keeping a log of activity. The goal is incorporation of activity into their daily lives and the gain of lifelong healthy fitness habits.

Physical Fitness

1 Semester

Physical Fitness is a semester-length elective designed for high school students. The course focuses on the health benefits of regular physical activity and of a long term exercise program. As students work through the course, they will learn about the many aspects of physical fitness, including basic nutrition, the importance of flexibility, cardiovascular health, muscle and strength training, and goal setting.

FOREIGN LANGUAGE

Chinese I

Semesters A & B

Students begin their introduction to Chinese by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are introduced after the first quarter. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Main Topics

- Engage in language learning
- Master common vocabulary terms and phrases
- Comprehend a wide range of grammar patterns
- Participate in simple conversations and respond appropriately to basic conversational prompts
- Generate language incorporating basic vocabulary and grammar patterns
- Read, write, speak, and listen for meaning in basic Chinese
- Analyze and compare cultural practices, products, and perspectives of various Chinese-speaking

countries

- Regularly assess progress in proficiency through quizzes, tests, and speaking/writing submissions

Chinese II

Semesters A & B

Students continue their study of Chinese by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Character recognition and practice are a key focus of the course and students are expected to learn several characters each unit. However, pinyin is still presented with characters throughout the course to aid in listening and reading comprehension. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in Chinese. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Main Topics

- Engage in language learning
- Review and expand their study of common vocabulary topics
- Gain a deeper understanding of a wide range of grammar patterns
- Participate in extended conversations and respond appropriately to a variety of conversational prompts
- Communicate more meaningfully using correct vocabulary and grammatical structures
- Read, write, speak, and listen for meaning in Chinese
- Analyze and compare cultural practices, products, and perspectives of various Chinese-speaking countries
- Regularly assess progress in proficiency through quizzes, tests, and speaking/writing submissions

German 1

Semesters A & B

Students begin their introduction to German by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Main Topics

- Engage in language learning
- Master common vocabulary terms and phrases
- Comprehend a wide range of grammar patterns
- Participate in simple conversations and respond appropriately to basic conversational prompts
- Generate language incorporating basic vocabulary and grammar patterns
- Read, write, speak, and listen for meaning in basic German
- Analyze and compare cultural practices, products, and perspectives of various German-speaking countries
- Regularly assess progress in proficiency through quizzes, tests, and speaking/writing submissions

German 2

Semesters A & B

Students continue their study of German by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also are able to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar.

There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their

speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various German-speaking countries, and take frequent assessments where their language progression can be monitored. By semester 2, the course is conducted almost entirely in German. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Main Topics

- Engage in language learning
- Review and expand their study of common vocabulary topics
- Gain a deeper understanding of a wide range of grammar patterns
- Participate in extended conversations and respond appropriately to a variety of conversational prompts
- Communicate more meaningfully using correct vocabulary and grammatical structures
- Read, write, speak, and listen for meaning in German
- Analyze and compare cultural practices, products, and perspectives of various German-speaking countries
- Regularly assess progress in proficiency through quizzes, tests, and speaking/writing submissions

Spanish 1

Semesters A & B

Spanish I is an entry level high school foreign language course that explores the Spanish language through communication, culture, connections, comparisons, and communities. Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency.

Spanish 2

Semesters A & B

Spanish II is a high school foreign language course that builds upon skills and concepts taught in Spanish I, emphasizing communication, cultures, connections, comparisons, and communities. Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency.

Spanish 3

Semesters A & B

Spanish 3 has been carefully designed to focus on successful communication through speaking, writing, reading and listening, as well as a thorough grounding in aspects of culture. Each unit embodies all of these standards in accordance with the theories described in this document. Unit activities blend



different forms of communication and culture to ensure that the student meets all standards. Course strategies include warm-up activities, vocabulary study, reading, threaded discussions, multi-media presentations, self-checks, practice activities and games, oral and written assignments, projects, quizzes and exams. Learning activities in each unit are focused upon a specific theme.

FINE ARTS

Art I

1 Semester

This is an entry-level course for the High School Visual Arts Core Curriculum. It is designed to provide an overview and introduction to Visual Arts through studying a variety of art tools and materials. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics. There will be about \$25 worth of art supplies that you will need to get for this class.

Advanced Digital Photography

1 Semester

This course prepares individuals to use artistic techniques combined with a commercial perspective to effectively communicate ideas and information to business and consumer audiences via the use of advanced digital photography. Instruction includes training in career opportunities, workflow, specialized camera, equipment and accessories, memory devices, software operation, copyright, ethics, and legal issues as it applies to commercial and industrial needs, and photography business operations. Prerequisite: Digital Photography. Access to digital camera (no cell phone or ipod cameras).

Graphic Design

1 Semester

This course will teach students how design is used in modern communication. We will study various areas of design, including product, corporate, logo, t-shirt, poster, and a variety of other design-related projects. Students will learn design rules, design trends, and how to critique good and bad design. This class will show students what the design industry is like and how a career in the design field might suit them.

Advanced Graphic Design





1 Semester

This is a course in the applied visual arts that prepares individuals to use artistic techniques to effectively communicate ideas and information to business and consumer audiences via illustrations and other forms of digital or printed media. Instruction includes training in concept design, layout, color, typography, computer graphics and printing. Prerequisite: Graphic Design

Independent Study: Studio Art

1 Semester

Students will work with the instructor to assemble a body of artwork that demonstrates a high level of quality and growth over time and content, technique, and process. Design involves purposeful decision making about how to use the elements and principles of art in an integrative way. The principles of design (balance, contrast, emphasis, movement, pattern rhythm/repetition, unity/variety), articulated through the visual elements (line, shape, color, value texture, space), with proportion/scale and figure/ground relationships help guide artists in organizing compositions to communicate content. Prerequisite: Art I, II or with instructor approval.

Painting

1 Semester

Painting includes wet media with processes such as transparent and opaque painting and focuses on the operations of color. With an emphasis on studio production, this course is designed to develop higher-level thinking, art-related technology skill, art criticism, art history, and aesthetics. The prerequisite for this course is Art 1 which could have been taken at your local H.S. The name of it might have been intro to art or something along those lines. There will be about \$35. worth of Art Supplies that you will need to get for this class.

Music Appreciation

1 Semester

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





These special lessons allow students to listen and respond to music. A template for how to listen and respond is provided.

Music Theory

1 Semester

Music Theory is a semester-length fine arts elective for high school students. The course requires no prior instrumental, vocal, or music theory study. Using the piano keyboard as a visual basis for comprehension, the course materials explore the nature of music, integrating these concepts:

- Rhythm and meter
- Written music notation
- The structure of various scale types
- Interval qualities
- Melody and harmony
- The building of chords
- Transposition

Throughout the series of assignments, ear training exercises are interspersed with the bones of composition technique, building in students the ability not only to hear and appreciate music, but step-by-step, to create it in written form as well. This highly interactive course culminates in the students producing original compositions, which while based on standard notation, demonstrate facets of personal expression. As the students' ability to perform increases in the future, they will better understand music and therefore better demonstrate its intrinsic communication of emotion and ideas.

Video Production

1 Semester

Video Production will be a class full of exploring and wonderment. The students will learn about the complexities of a story and how to use the technology of a video camera to shoot and edit quality video that tells visual stories. Students will be working individually and collaboratively to make quality videos that range from animations all the way to a short films. There may also be a few hilarious videos thrown in there, as well! Throughout the class, students will shift in their roles from actor, director, editor, and grip. Even though the students will be encouraged to act, that will not be a requirement.

- Course requirements: DSLR Camera, cell phone, tablet, device or ipod with a 5mp or higher camera with video capabilities. Access to the IOS or Google apps store on that device. Access to a computer with internet connection.

ADVANCED PLACEMENT



AP Biology

Full Year

This course provides students with a college-level learning experience. Core scientific principles, theories, and processes of life are studied. Students should successfully complete Honors Biology and Honors Chemistry prior to taking this course.

AP Calculus AB

Full Year

AP Calculus AB is an advanced placement course that has been audited and approved by the College Board. Students completing this course will be able to take the AP Calculus AB exam. Besides learning how to use the basic tools of Calculus, students completing this course learn on a deeper level what they are really doing and why it works.

AP Calculus BC

Full Year

Calculus concepts are covered in depth along with informative explanations that help students understand what they are really doing and why it works. This course is recommended for those successfully completing AP Calculus AB.

AP Chemistry

Semesters A & B

The AP Chemistry course gives students a college-level foundation on which to build more advanced coursework in chemistry. Students expand their understanding of chemistry through inquiry-based investigations, as they delve deeper into the following topics:

- atomic structure
- intermolecular forces and bonding
- chemical reactions
- kinetics
- thermodynamics
- equilibrium

AP English Language and Composition

Semesters A & B

Throughout the year-long, English Language and Composition course, students in grades 11 and 12 prepare for the Advanced Placement test by practicing analytic and argumentative writing. Although the



course integrates independent practice with directed instruction, it is largely student-driven through research, reading, and writing. Additional texts are required for advanced instruction.

AP Macroeconomics

Full Year

AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP exam and for further study in business, political science and history.

AP Psychology

Full Year

This course delves into the systematic and scientific study of human behavior and mental processes. Students will analyze the different factors that contribute to these subjects. Including mental and physical circumstances. Topics covered include learning and cognition, sensation and perception, and biological bases of behavior.

AP Spanish Language

Semesters A & B

AP Spanish Language students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they learn in extensive written and spoken exercises. The course addresses the broad themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. By the end of the course, students will have an expansive vocabulary, a solid, working knowledge of all verb forms and tenses, strong command of other language structures, and an ability to use language in many different contexts and for varied purposes. The equivalent of a college-level language course, AP Spanish Language prepares students for the AP exam and for further study of Spanish language, culture, or literature.

AP Statistics

Full Year

In this course, students learn about the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students should successfully complete Algebra 2 prior to enrolling.





AP Studio Art–Drawing

Full Year (available to Juniors or Seniors with teacher approval)

This course provides students with a conceptual and visual foundation of the components of artistic drawing. It is an excellent foundation for students desiring a career in an art-related field, and gives guided preparation on preparing artwork for the AP Exam.

AP US Government and Politics

Full Year

Throughout the year-long, US Government and Politics course, students in grades 11 and 12 prepare for the Advanced Placement test by studying the history of the U.S. government as well as current political issues. Although the course integrates independent practice with directed instruction, it is largely student-driven through research, reading, and writing. Additional texts are required for advanced instruction.

AP US History

Full Year

In this course, students learn about the developments that have shaped United States history through the critical analysis of historical events and materials.

AP World History

Full Year

This course focuses on world history from 8000 BC to present. Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods and develop the same thinking skills and methods employed by historians when they study the past.

AP Environmental Science

AP Environmental Science provides students with a college-level learning experience. Students explore the interrelationships of the natural world. This course is recommended for students that have completed two years of high school science and have completed Algebra 1.

AP European History





Full Year

In this course, students learn about the cultural, economic, political, and social developments that have shaped today's world by studying European history from 1450 to present.

AP Computer Science Principles

Full Year

This course instructs students on basic principles of computer science. Students will learn to create and implement computer programs based on these principles, as well as exploring career options and addressing ethical and relevant issues for today's world, all through hands-on application and examples.

AP Computer Science A

Full Year

This course instructs students on core aspects of computer science. Students will learn to create and implement computer programs that solve problems relevant to today's society, as well as deploy programming tools and effectively deal with complex problems through hands-on application and examples.

CAREER & TECHNICAL

Business Law

1 Semester

Business Law provides students with an understanding of the vital legal concepts that affect commerce and trade. After learning how laws are created and interpreted, students spend the semester-long course exploring both the different types of businesses that can be created to engage in commerce and the contractual and liability considerations that can impact businesses.

Career Explorations

1 Semester

Career Explorations 1 gives middle school students the opportunity to examine work, lifestyle, and career options before entering high school. The semester-long course provides an introductory look at four service-related career fields, including health science, hospitality and tourism, human services, and consumer services. By exploring specific career paths in middle school, students have the opportunity to gauge their interest and enroll in more advanced career-specific courses in high school.





Engineering and Design

1 Semester

Throughout this course, students build real-world problem solving and critical thinking skills as they learn how to innovate and design new products. They also practice refining existing products by reversing the engineering process.

Engineering and Design is taught from a Christian worldview. Coursework includes lessons on fluid systems and improving sustainability.

Fundamentals of Computer Systems

1 Semester

In Fundamentals of Computer Systems, students learn the basics of operating systems, computer hardware, and computer software as they discover that building and maintaining positive customer relations is an integral part of success within the IT industry.

Keyboarding and Applications

1 Semester

Throughout this semester-long, online elective, students practice proper keyboarding techniques and learn how to create a variety of business documents during daily lessons. Students also develop marketable job skills, including technical skills, effective communication skills, and productive work habits. Additional topics of study include computer hardware, operating systems, and file management.

National Security Careers

1 Semester

National Security Careers provides students with a broad understanding of national security careers in the United States. Topics of discussion include the history of American national security, theories and laws that form the basis of national security, the armed forces, the intelligence community, the role of law enforcement, bureaucratic agencies, legislative and executive responsibilities, terrorism, weapons of mass destruction, and career paths in the field of national security.

Nursing

1 Semester

This career course provides students with opportunities to compare and contrast the various academic and clinical training pathways that lead to an entry-level position in nursing. Throughout the semester-long course, students study the expanding scope of professional practice for registered nurses and explore the growing number of opportunities for professional advancement within the field. Students also gain an understanding of the important changes proposed in the education and ongoing



professional development of nurses.

Office Applications 1

1 Semester

Office Applications 1 is a semester-length high-school elective that explores the use of application skills in Microsoft® Word®, Publisher®, and PowerPoint® 2010. Students will use these applications to design, develop, create, edit, and share business documents, publications, and presentations.

This course provides key knowledge and skills in the following Microsoft Office® applications:

- Microsoft Word: Students are provided with an introduction to advanced skills in Microsoft Word that range from simply developing an understanding of the various uses of Word to more complex explorations of mail merge, tab stops, reference resources, and additional features available in backstage view.
- Microsoft Publisher: Students learn to create publications, insert and edit publication items, and view, review, and share those publications.
- Microsoft PowerPoint: Students will learn how to create presentations, enter and modify content, modify and deliver presentations, and collaborate and share PowerPoint presentations.

Office Applications 2

1 Semester

Office Applications 2 is a semester-length high school elective course that explores the use of application skills in Microsoft® Excel® 2010 and Microsoft® Access® 2010. Students will use these applications to design, develop, create, edit, and share business spreadsheet and database documents. This course provides key knowledge and skills in the following areas:

- Introduction to advanced skills in Microsoft® Excel® ranging from basic spreadsheet terminology to exploring data entry, formatting, formulas, functions, charts, graphics, and additional features available in backstage view
- Skills in Microsoft® Access®, ranging from basic relational database terminology to creating and modifying tables, forms, queries, and reports

Principles of Coding

1 Semester

Principles of Coding explores the basics of coding, dives into the thought processes behind technology design, and examines the impact of technology from a global perspective. It also strives to connect different disciplines by incorporating core subjects into coursework throughout the semester.



Small Business Entrepreneurship

1 Semester

Small Business Entrepreneurship inspires future business owners by presenting an overview of the main aspects of business management. Topics include creation, development, and organization of a small business, as well as the challenges and benefits associated with being one's own boss. Course content includes interactive lessons, tests, quizzes, and multimedia.

College and Career Readiness

1 Semester

This course provides students with basic knowledge and skills they need as they prepare for further training in a career or go on to college.

Dave Ramsey's Foundations in Personal Finance

1 Semester

A comprehensive 12 chapter, video based course which covers all topics included in the National Financial Literacy standards. Our newly updated curriculum has tons of real-life application for students to begin applying in their lives immediately. Behavior change is the main theme throughout our curriculum. We recognize that personal finance is 20% head knowledge and 80% behavior so this is repeated constantly throughout all 12 chapters.

The "Life After High School" chapter explores 21st century postsecondary education and career options, highlights the importance of avoiding debt as a young adult, and explains how to cash flow a college education. Educational options such as trade school, self-education, on the job training, starting a business, military options and associate's degrees are discussed as well as how to apply for financial aid & scholarships.

The "Careers & Taxes" chapter examines the importance of pursuing a career in line with your strengths, the elements of effective goal setting, the best practices of successful people and types of income and taxes. It includes a DISC Profile personality test for each student to assess their personal strengths and weaknesses. Job hunting, cover letters, resumes and interviewing basics are covered as well.

- Activities are focused on providing 21st century personal finance skills in a student-centered, competency-based approach to learning
- More than a million students have had their futures changed by this student-centered curriculum. It's practical, it meet students where they are, and it's knowledge that your students will use every day of their lives.
- Unlike other curricula, Foundations in Personal Finance is designed as a comprehensive, full semester curriculum and is able to take the time to explain complex financial concepts like compound interest,





401k tax advantages, and buying a home in simple language that can be mastered by your students

- No other financial literacy curriculum uses experts to teach their subject area.
- No other financial literacy curriculum repeatedly underscores the need for controlling behavior, not just gaining head knowledge regarding personal finances.

Investigating Careers

1 Semester

Investigating Careers gives students an overview of many career options and the education, training, and skills required for each.

Medical Terminology

1 Semester

Students interested in a career in any medical-related field will benefit from the foundation provided in Medical Terminology, taught by Dr. Mary Laughlin. Filmed in 3-D, the course incorporates numerous charts and diagrams to reinforce the relevance of the terms.

Principles of Business, Marketing, and Finance

1 Semester

This CTE Business course, taught by Mark Rogers, provides a basic business, marketing, and finance background for students looking for a career in business or for students desiring further preparation before entering college in a business and finance related major.

Test Prep: ACT or SAT

- A Personalized Learning Path based on your performance
- Available on any internet-ready device – smartphones, tablets, laptops
- Hundreds of HD video lessons
- 3 Full-length Practice Tests with Personalized Score Reports
- Thousands of practice questions with step-by-step explanations
- Interactive Sketchpad™ – a writeable canvas on every device to practice critical test-taking strategies
- Core Knowledge Toolbox™ – a searchable library of thousands of videos





- 24+ Skill Assessments and Skill Reviews specific to student's performance
- Access to a live Prepworks instructor for two hours per week