EICA School Catalog

2019-2020

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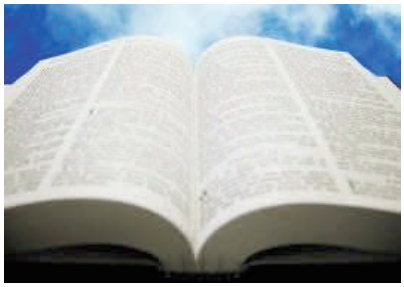
Bible



HIGH SCHOOL

New Testament Survey (10 Units)

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.

Old Testament Survey (10 Units)

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

History

HIGH SCHOOL

World History (10 Units)

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.

American History (10 Units)

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.

World Geography (12 Units)

World Geography takes students on a journey around the world in which they will learn about the physical and human geography of various regions. They will 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.

Government & Economics (10 Units)

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.

English

HIGH SCHOOL

English I (10 Units)

English I 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–furthers 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 II (10 Units)

English II 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 III (10 Units)

English III 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 students the opportunity to develop their abilities 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 IV (10 Units)

English IV 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:

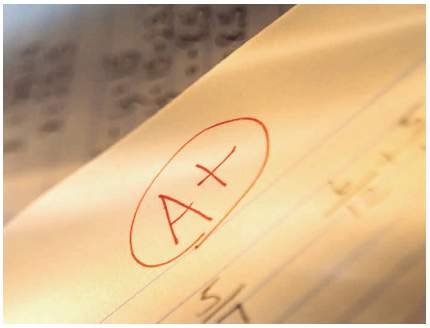
• Reading–reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, poetry, and drama, including discussion of common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of 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 major 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.

Math



HIGH SCHOOL

Algebra I (13 Units)

Algebra I - is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

Algebra II (16 Units)

Algebra II - is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

Geometry (15 Units)

Geometry is a full year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

Pre-Calculus (13 Units)

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. The course primarily focuses on the skills and methods of analytic geometry and trigonometry while investigating further relationships in functions, probability, number theory, limits, and the introduction of derivatives.

Science

HIGH SCHOOL

Biology (10 Units)

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.

Chemistry (13 Units)

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, gases, 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.

Earth Science (10 Units)

Earth Science is a high school science course that explorers 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, and
- 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.

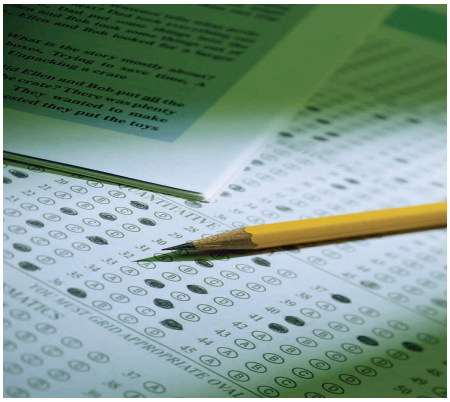
Physics (13 Units)

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.

Electives



General Studies

Personal and Financial Literacy (6 Units)

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.

Office Application I (6 Units)

Office Application I 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:

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

Office Application II (6 Units)

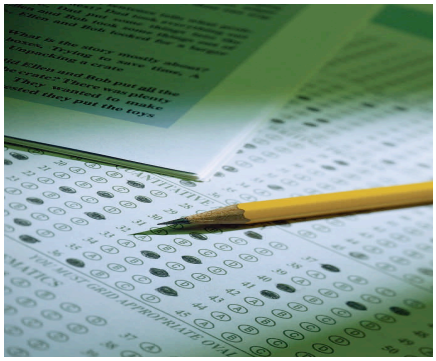
Office Application II is a semester-length high school elective course that explorers the use of application skills in Microsoft Excel and Microsoft Access. Students will use these applications to design, develop, create, edit, and share business spreadsheet and database documents. This course key knowledge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

1. 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.
2. Skills in Microsoft Access, ranging from basic relational database terminology to creating and modifying tables, forms, queries, and reports.

High School Health (5 Units)

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 to achieve good health.

Electives



Foreign Language

Spanish I (12 Units)
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, and writing Spanish, and cultural competency.

Spanish II (12 Units)
Spanish II course builds on Spanish I and reviews skills and concepts taught in Spanish I with further exposure to communication, cultures, connections, comparisons, and communities. Assignments will consist of introduction to the Spanish speaking world, Spanish in the US, why do we speak Spanish, geography lesson, educational field trip, literature class, Chilean personalities, the outdoors on Margarita Island, music and dance, Peru, Machu Picchu is a wonder, culture shock, Amazon Rainforest and Puerto Maldonado, Spanish influence in Colombia.