



EICA

COURSE CATALOG

ENGLISH/ LANGUAGE ARTS

English I

This course defines what students should understand and be able to do by the end of 9th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

Credits: 1.0

Course ID: 1001310 (Honors: 1001320)

English II

This course defines what students should understand and be able to do by the end of 10th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

Credits: 1.0

Course ID: 1001340 (Honors: 1001350)

English III

This course defines what students should understand and be able to do by the end of 11th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

Credits: 1.0

Course ID: 1001370 (Honors: 1001380)

English IV

This course defines what students should understand and be able to do by the end of 12th grade. Knowledge acquisition should be the primary purpose of any reading approach as the systematic building of a wide range of knowledge across domains is a prerequisite to higher literacy. At this grade level, students are working with universal themes and archetypes. They are also continuing to build their facility with rhetoric, the craft of using language in writing and speaking, using classic literature, essays, and speeches as mentor texts.

The benchmarks in this course are mastery goals that students are expected to attain by the end of the year. To build mastery, students will continue to review and apply earlier grade-level benchmarks and expectations.

Credits: 1.0

Course ID: 1001400 (Honors: 1001410)

MATHEMATICS

Algebra I

In Algebra 1, instructional time will emphasize five areas: (1) performing operations with polynomials and radicals, and extending the Laws of Exponents to include rational exponents;

(2) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (3) solving quadratic equations in one variable and systems of linear equations and inequalities in two variables; (4) building functions, identifying their key features and representing them in various ways and (5) representing and interpreting categorical and numerical data with one and two variables.

Credits: 1.0

Course ID: 1200310 (Honors: 1200320)

Algebra II

In Algebra 2, instructional time will emphasize five areas: (1) extending arithmetic operations with algebraic expressions to include radical and rational expressions and polynomial division; (2) graphing and analyzing functions including polynomials, absolute value, radical, rational, exponential and logarithmic; (3) building functions using compositions, inverses and transformations; (4) extending systems of equations and inequalities to include non-linear expressions and (5) developing understanding of the complex number system, including complex numbers as roots of polynomial equations.

Credits: 1.0

Course ID: 1200330 (Honors: 1200340)

Geometry

In Geometry, instructional time will emphasize five areas: (1) proving and applying relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; (2) establishing congruence and similarity using criteria from Euclidean geometry and using rigid transformations; (3) extending knowledge of geometric measurement to two-dimensional figures and three-dimensional figures; (4) creating and applying equations of circles in the coordinate plane and (5) developing an understanding of right triangle trigonometry.

Credits: 1.0

Course ID: 1206310 (Honors: 1206320)

Pre-calculus Honors

In Precalculus Honors, instructional time will emphasize six areas: (1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions; (2) extending understanding of functions to trigonometric; (3) developing understanding of conic sections;

(4) representing and performing operations with complex numbers and vectors in the coordinate plane; (5) extending understanding of relations in the plane using parametric representations, including polar coordinates and (6) analyzing arithmetic and geometric sequences and series.

Credits: 1.0

Course ID: 1202340

SCIENCE

Biology

This course provides an in-depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. The students will be introduced to the structure, function, diversity, and evolution of living matter. Credits: 1.0

Course ID: 2000310 (Honors: 2000320)

Chemistry

This course is designed to serve as a foundation for the study of Chemistry. The utilization of scientific inquiry, web 2.0 tools, interactive experiences, higher order thinking, collaborative projects, real world application through labs and a variety of assessments all aid the student in ultimately demonstrating a vast understanding of the importance of Chemistry in the world around them; enabling them to apply these properties to their everyday lives. Credits: 1.0

Course ID: 2000340 (Honors: 2000350)

Earth/ Space Science

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
- Geology
- Meteorology
- Oceanography

Credits: 1.0

Course ID: 2001310 (Honors: 2001320)

Physics

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 students' understanding of 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.

Credits: 1.0

Course ID: 2003380 (Honors: 2003390)

SOCIAL STUDIES

Economics

The Economics course consists of the following content area strands: Economics and Geography. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and business cycle.

Credits: 0.5

Course ID: 2102310 (Honors: 2102320)

United States Government

The grade 9-12 United States Government course consists of the following content area strands: Geography, Civics and Government. The primary content for the course pertains to the study of government institutions and political processes and their historical impact on American society. Content should include, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

Credits: 0.5

Course ID: 2106310 (Honors: 2106320)

United States History

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.

Credits: 1.0

Course ID: 2100310 (Honors: 2100320)

World Cultural Geography

World Cultural 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.

Credit: 1.0

Course ID: 2103300

World History

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.

Credits: 1.0

Course ID: 2109310 (Honors: 2109320)

ELECTIVES

Business Management and Law

This course is designed to introduce students to business management techniques. Topics include human relations, decision making, communication techniques, business law concepts, and characteristics of the American enterprise system. Credits: 1.0

Course ID: 8812120

Digital Information Technology

This course is designed to introduce information technology concepts and careers. Students will explore the impact that modern information technology has had on the world, people, and industry. The content includes understanding of basic computer hardware and software, hands-on Microsoft Office 2010 training, and integration of core education skills. Beginning this year, Microsoft Office Certification will be a major impetus of this course. Students will be able to receive industry certification in the following Microsoft Office products: Excel, PowerPoint, Word, Outlook, and Access. Microsoft industry certifications are some of the most rigorous, in-depth, and challenging exams any student can undertake. Successful completion of the certification process will give our students a highly competitive edge in today's job market. Completion of this course includes preparation for the Microsoft Office Industry Certification Exams: Word 2016, Excel 2016, PowerPoint 2016, and CompTIA A+. Credits 1.0

Credits: 1.0

Course ID: 8207310

Health 1– Life Management Skills

The purpose of this course is to produce health literate students that make sound decisions and take positive actions for healthy and effective living. The course is wellness oriented and emphasizes responsible decision-making and planning for a healthy lifestyle.

Credits: .5

Course ID: 0800300

Health 2– Personal Health

The purpose of this course is to provide an in-depth study of the principles of personal health maintenance. Wellness promotion for self and others will be emphasized along with responsible decision-making and planning for a healthy lifestyle.

Course ID: 0800310

Credits: .5

Personal Finance and Money Management

In Personal Finance and Money Management, instructional time will emphasize seven areas:

- (1) exploring how personal financial decisions are made, including understanding how cognitive biases impact decision making;
- (2) understanding how wages and salaries are earned, including the types of taxes owed, and evaluating various post-secondary paths and career options;
- (3) developing personal or family budgets and exploring how to purchase goods and services by weighing the costs and benefits of those goods and services;
- (4) analyzing how interest can be earned by saving now, which allows for the purchase of more goods and services later and understanding how to compare various savings accounts and services offered through financial institutions;
- (5) determining advantages and disadvantages of credit accounts that allow for the borrowing of money to purchase goods and services while paying for them in the future, usually with interest, and short- and long-term loans;
- (6) developing understanding of planning for the future through investment accounts and retirement plans and comparing investment choices by analyzing rates of return and risk, while analyzing how diversification is one way to reduce investment risk; and
- (7) recognizing that there are risks that can result in lost income, health, or identity and that those risks can be accepted, reduced, or transferred to others through the purchase of insurance.

Curricular content for all subjects must integrate critical-thinking, problem-solving, and workforce-literacy skills; communication, reading, and writing skills; mathematics skills; collaboration skills; contextual and applied-learning skills; technology-literacy skills; information and media-literacy skills; and civic-engagement skills.

Credits: 1.0

Course ID: 2102371 (Honors: 2102373)

Principles of Entrepreneurship

This course provides instruction in the basic principles of entrepreneurship including the role of the entrepreneur, entrepreneurship as a career, ethics in business, and the principles of marketing, financing, and managing a business. There is no occupational completion point after the completion of this course.

Credits: 1.0

Course ID: 8812110

RELIGION

Old Testament Survey

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.

Credits: 1.0

Course ID: 999999

New Testament Survey

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.

Credits: 1.0

Course ID: 9999999

FOREIGN LANGUAGE

Spanish I

Spanish I introduces students to the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture. Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, as well as in cultural competency.

Spanish, I introduce students to the mechanics of the Spanish language, acquaint them with the cultural differences of Hispanic countries, and help them gain a keen awareness of their own culture.

Credits: 1.0

Course ID: 0708340

Spanish II

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, and writing Spanish, and in cultural competency.

This course gives students practice using the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

Credits: 1.0

Course ID: 0708350

COURSE MATERIALS: For most of the courses, the content is available when you log in. However, some courses require a lab or technology fee or the purchase of an outside novel or book.