



Course Title: English I - Literary Analysis and Composition I

PEIMS Course Title/Number: English I/03220100

Prerequisite: Intermediate English A and B, or equivalent

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course is offered at the comprehensive and honors levels and covers a wide range of literature genres and the necessary skills to write a research paper. Students not only study Literature but also Grammar, usage, and mechanics.

Course Title: English II - Literary Analysis and Composition II

PEIMS Course Title/Number: English II/03220200

Prerequisite: Literary Analysis and Composition I, or equivalent

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course is offered at the comprehensive and honors levels and covers a wide range of literature genres and the necessary skills to write a research paper. Students not only study Literature but also Grammar, usage, and mechanics.

Course Title: English III - American Literature

PEIMS Course Title/Number: English III/03220200

Prerequisite: Literary Analysis and Composition II, or equivalent

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: In this course, offered at the comprehensive and honors levels, students read and analyze works of American literature from Colonial to contemporary times. They continue to work on their oral and written expression skills, writing a variety of essays including memoirs, persuasive and research essays, and workplace documentation

Course Title: English IV - British and World Literature

PEIMS Course Title/Number: English IV/03220400

Prerequisite: American Literature, or equivalent

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: In this course, offered at the comprehensive and honors levels, students read selections from British and world literature in a loosely organized chronological framework. Students complete guided and independent writing assignments that refine their analytical skills.



Course Title: Algebra I

PEIMS Course Title/Number: Algebra I/03100500

Prerequisite: Successful completion of Pre-Algebra

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: No materials - recommended students purchase a TI-84 calculator.

Description: Topics included are real numbers, simplifying real number expressions with and without variables, solving linear equations and inequalities, solving quadratic equations, graphing linear and quadratic equations, polynomials, factoring, linear patterns, linear systems of equality and inequality, simple matrices, sequences, and radicals.

Course Title: Geometry

PEIMS Course Title/Number: Geometry/03040000

Prerequisite: Algebra I, or equivalent

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus. Recommended students purchase a TI-84 calculator.

Description: In this course, offered at the core, comprehensive, and honors levels Students learn to recognize and work with geometric concepts in various contexts. Topics of study include points, lines, and angles; triangles; right triangles; quadrilaterals and other polygons; circles; coordinate geometry; three-dimensional solids; geometric constructions; symmetry; the use of transformations; and non-Euclidean geometries.

Course Title: Algebra II

PEIMS Course Title/Number: Algebra II/03100600

Prerequisite: Successful completion of Algebra I and Geometry

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus. Recommended students purchase a TI-84 calculator.

Description: This course, offered at the core, comprehensive, and Honors levels, builds upon algebraic concepts covered in Algebra. Topics include functions and their graphs, quadratic functions, inverse functions, advanced polynomial functions, and conic sections. Students are introduced to rational, radical, exponential, and logarithmic functions; sequences and series; data analysis; and matrices.

Course Title: Pre-Calculus - Trigonometry

PEIMS Course Title/Number: Pre-Calculus/Trigonometry/03101100

Prerequisite: Geometry and Algebra II (or equivalents)

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus. Recommended students purchase a TI-84 calculator.

Description: Pre-calculus, offered at the comprehensive level, weaves together previous study of algebra, geometry, and functions into a preparatory course for calculus. Cross-curricular connections



are made throughout the course to calculus, art, history, and a variety of other fields related to mathematics.

Course Title: Math Models

PEIMS Course Title/Number: Math Models/3102400

Prerequisite: Algebra I and Geometry

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: n/a

Description: Mathematics Models with Applications A is a course that focuses on types of graphs, probability, and statistics. Math Models with Applications B, is an extension of Math Models A and continues the focus on basic math skills used in everyday life with the goal of developing intelligent consumers. Personal finances are emphasized through the study of personal earnings, personal taxes, credit, budgeting, and banking decisions.

Course Title: Integrated Physical and Chemistry - IPC

PEIMS Course Title/Number: IPC/03060201

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: Materials that go with the Aventa Physical Science (none shipped but the course).

Description: This course provides students with instruction in the nature of science, including scientific processes, the scientific method, and scientific inquiry. The course then covers the atomic nature of matter, classification of the elements, the periodic table, acids, and bases, energy, power, velocity, acceleration, forces, gravity and the basic principles of physics.

Course Title: Biology

PEIMS Course Title/Number: Biology/03010200

Prerequisite: Middle school Life Science, or equivalent

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course, offered at the comprehensive and honors level, has students who have been introduced to biology topics in middle school, focuses on topics in cell chemistry and biology, genetics, evolution, the biology of living things, and ecology.

Course Title: Chemistry

PEIMS Course Title/Number: Chemistry/03040000

Prerequisite: Middle school Physical Science or IPC

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus



Description: The course, offered at the core, comprehensive, and Honors levels surveys all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry.

Course Title: Physics

PEIMS Course Title/Number: Physics/03050000

Prerequisite: Algebra II and Pre-Calculus/Trigonometry

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course, offered at the comprehensive and honors level, provides a comprehensive survey of all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus.

Course Title: Environmental Science

PEIMS Course Title/Number: Environmental Science/03020000

Prerequisite: Success in previous high school science course and teacher/school counselor recommendation

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course surveys key topic areas including the application of scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science.

Course Title: Forensic Science

PEIMS Course Title/Number: Forensic Science/ 13029500

Prerequisite: Successful completion of at least two years of high school science including SCI203: Biology (or equivalent); SCI303: Chemistry is highly recommended

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist.

Course Title: World Geography

PEIMS Course Title/Number: Geography/03320100

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: Materials that go with the Aventa World Geography (none but the course).

Description: This Geography course will examine a broad range of geographical perspectives covering all of the major regions of the world. Specifically, the course will explore where each region is located along with its physical characteristics, including absolute and relative location, climate, and significant



geographical features, cultural, economic, and political perspective, closely examining the human impact on each region from these perspectives as well as how human activities impact the environments of the region.

Course Title: World History

PEIMS Course Title/Number: World History/03340400

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course, offered at the comprehensive levels, traces the development of civilizations around the world from prehistory to the present, with a special emphasis on key periods and primary sources. The course covers major events in world history, including the development and influence of human-geographic relationships, political and social structures, economics, science and technology, and the arts.

Course Title: Modern U.S. History

PEIMS Course Title/Number: U.S. History/03340100

Prerequisite: Middle school American History Before 1865

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course, offered at the comprehensive and honors levels, provides students with a comprehensive view of American history from the industrial revolution of the late nineteenth century to recent events.

Course Title: U.S. and Global Economics

PEIMS Course Title/Number: Economics/03310300

Prerequisite: U.S. Government and Politics (or equivalent) is recommended, but not required

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: In this course on economic principles, students explore choices they face as producers, consumers, investors, and taxpayers. Students apply what they learn to real-world simulation problems.

Course Title: U.S. Government and Politics

PEIMS Course Title/Number: U.S. Government/03330100

Prerequisite: U.S. History (or equivalent) is recommended, but not required

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course studies the history, organization, and functions of the United States government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and our governing bodies.

Course Title: AP U.S. Government

PEIMS Course Title/Number: AP Government/A3330100



Prerequisite: U.S History and recommended for qualified AP students

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: The equivalent of an introductory college-level course, AP U.S. Government and Politics prepares students for the AP Exam and for further study in political science, law, education, business, and history. The content aligns to the scope and sequence specified by the College Board and to widely used Advanced Placement U S Government textbooks.

Course Title: Contemporary World Issues

PEIMS Course Title/Number: Special Topics in Social Studies/03380002

Prerequisite: None

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: : In this course, students will compare the geography, governments, economies, and cultures of the world. Emphasis will be placed on learning about the civics, politics, economics, structures, processes and policies of the United States and then comparing them with those of the international community. Students will use what they know and learn about the United States and the world to analyze current events and contemporary issues. Reasoning and research skills will be applied to the content throughout the course.

Course Title: Spanish I

PEIMS Course Title/Number: Spanish I/03440100

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: Students begin their introduction to Spanish with fundamental building blocks in four key areas of world language study: listening comprehension, speaking, reading, and writing. This course is linked to another platform called PowerSpeak

Course Title: Spanish II

PEIMS Course Title/Number: Spanish II/03440200

Prerequisite: Spanish I, middle school Spanish 1 and 2 (or equivalents)

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: A continuing storyline on PowerSpeak introduces and reinforces new vocabulary, while activities prompt students to analyze meaning from context, and then to reproduce new vocabulary in real-life oral expression. Additional verb tenses and idiomatic expressions are also introduced.

Course Title: Spanish III

PEIMS Course Title/Number: Spanish III/03440300



Prerequisite: Spanish II (or equivalent)

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: Intermediate Spanish students who have a strong base of vocabulary, speaking, and listening skills reach a new level of mastery and fluency in this course. This course also uses PowerSpeak.

Course Title: AP Psychology

PEIMS Course Title/Number: AP Psychology/A3350100

Prerequisite: Success in Honors Biology (or equivalent)

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course is the equivalent of an introductory college-level course. Students receive an overview of current psychological research methods and theories. Students prepare for the AP Exam and for further studies in psychology and life sciences.

Course Title: Anthropology

PEIMS Course Title/Number: Special Topics in Social Studies - Anthropology/ 03380002

Prerequisite: World History (or equivalent) is recommended as a prerequisite or co-requisite, but not required

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: Anthropologists research the characteristics and origins of the cultural, social, and physical development of humans and consider why some cultures change and others come to an end. In this course, students are introduced to the five main branches of anthropology: physical, cultural, linguistic, social, and archeological. Through instruction and their own investigation and analysis, students explore these topics, considering their relationship to other social sciences such as history, geography, sociology, economics, political science, and psychology. Emulating professional anthropologists, students apply their knowledge and observational skills to the real-life study of cultures in the United States and around the world. The content in this course meets or exceeds the standards of the National Council for the Social Studies (NCSS).

Course Title: Fine Art

PEIMS Course Title/Number: Art Appreciation/03500100

Prerequisite: World History (or equivalent) is recommended as a prerequisite or co-requisite, but not required

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course combines art history, appreciation, and analysis, while engaging students in



hands-on creative projects. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Studio lessons provide opportunities for drawing, painting, sculpting, and other creative endeavors.

Course Title: Personal Finance - Money Matters

PEIMS Course Title/Number: Money Matters/13016200

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses.

Course Title: Journalism

PEIMS Course Title/Number: Journalism/03230100

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: Students conduct interviews, research, write, and design their own publications. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles.

Course Title: Creative Writing

PEIMS Course Title/Number: Creative Writing/ 03221200

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: In this course, students explore a range of creative writing genres, including fiction, poetry, creative nonfiction, drama, and multimedia writing. They study examples of classic and contemporary selections, apply what they learn to their own writing, and develop proficiency in the writing process. They learn to evaluate the writings of others and apply evaluation criteria to their own work. By the end of the course, students will have created a well-developed portfolio of finished written works.

Course Title: Public Speaking (Speech)

PEIMS Course Title/Number: Communication Applications/03241400

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above



Materials: See syllabus

Description: Students prepare and present speeches, learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and to benefit from listener feedback. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world.

Course Title: Music Appreciation

PEIMS Course Title/Number: Music Theory/03152700

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. The performance practicum requirement can be met through live performance with the teacher, participation in supervised instrumental or vocal lessons, church or community choirs, community musical performances, or any other structured program that meets at regular intervals and provides opportunities for students to build vocal and/or instrumental skills.

Course Title: Skills for Health

PEIMS Course Title/Number: Health/03810100

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources.

Course Title: Family and Consumer Science

PEIMS Course Title/Number: Principles of Human Services - Consumer Science/ 13024200

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: In this course, students develop skills and knowledge to help them transition into adult roles within the family. They learn to make wise consumer choices, prepare nutritious meals, contribute effectively as part of a team, manage a household budget, and balance roles of work and family. They gain an appreciation for the responsibilities of family members throughout the lifespan and the contributions to the well-being of the family and the community..

Course Title: Nutrition and Wellness



PEIMS Course Title/Number: Lifetime Nutrition and Wellness/ 13024500

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course introduces students to good nutrition principles needed for physical and mental wellness. Topics include good nutrition; food safety; digestion, absorption, and metabolism; how major nutrients are processed in the body; basic components of carbohydrates, proteins, and fats; the roles of vitamins, minerals, and fluids; physical fitness and athletic performance; stress; and wellness and nutrition principles throughout the human life cycle. Application to today's food and eating trends plus learning to assess for reliable nutrition information are emphasized.

Course Title: Reaching Your Academic Potential

PEIMS Course Title/Number: Reading Application and Study Skills/03270100

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: Students learn academic skills within the context of their learning style, individual learning environment, and long-term goals. This course helps students develop study skills like habits for more successful reading, writing, studying, communication, collaboration, time management, and concentration.

Course Title: Physical Education

PEIMS Course Title/Number: Physical Education/PES00052

Prerequisite: none

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: n/a

Description: This course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity.

Course Title: Introduction to Marketing

PEIMS Course Title/Number: Principles of Business, Marketing, and Finance/13011200

Prerequisite: None.

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: Students find out what it takes to market a product or service in today's fast-paced business environment. They learn the fundamentals of marketing using real-world business examples. They learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management.



Course Title: Web Design

PEIMS Course Title/Number: Web Design/03580820

Prerequisite: None

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: This course provides a comprehensive introduction to the essentials of Web design, from planning page layouts to publishing a complete site to the Web. Students learn how to use HTML to design their own Web pages. The course covers basic HTML tags for formatting text, as well as more advanced tags. Through real-world design scenarios and hands-on projects, students create compelling, usable websites using the latest suite of free tools.

Course Title: Mythology and Folklore

PEIMS Course Title/Number: Literacy Genres/03221500

Prerequisite: None.

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: Mighty heroes. Angry gods and goddesses. Cunning animals. Mythology and folklore have been used since the first people gathered around the fire as a way to make sense of humankind and our world. This course focuses on the many myths and legends woven into cultures around the world. Starting with an overview of mythology and the many kinds of folklore, the student will journey with ancient heroes as they slay dragons and outwit the gods, follow fearless warrior women into battle and watch as clever animals outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how they are still used to shape society today.

Course Title: Computer Fundamentals

PEIMS Course Title/Number: Business Information Management I/13011400

Prerequisite: Students who have completed TCH010 should not enroll in this course.

Number of Credits: .5 credit per semester completion with grade of 70 or above

Materials: See syllabus

Description: : In this introductory course, students will become familiar with the basic principles of a personal computer, including the internal hardware, the operating system, and software applications. Students will gain practice in using key applications such as word processors, spreadsheets, and presentation software, as well as understanding social and ethical issues around the Internet, information, and security.

This is a two-semester course package. In the first semester, the focus is on the fundamentals, learning and using the applications, and understanding the basic roles and responsibilities of the software,



hardware, and operating system. In the second semester, the focus is on gathering and analyzing data and on using the right tools and methods to collect and present data. This course should not be taken if the student has already completed Computer Literacy.