



Outreach Partnership of Technology

2017 -2018

Program of Studies

Grades 7-12

Computer Literacy

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

In this online course, students will gain the basic computer skills they need to become confident and prepared to use technology at school, at work, and in everyday life. Topics include search engines and web browsers, keyboarding and typing, presentations and image editing, and spreadsheets. Students will also become familiar with a number of free, web-based applications, such as Gmail, OpenOffice.org, Blogger, Google Calendar, and GoogleReader. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

Introduction to Business A

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

In this introductory course, students learn about the roles of business and marketing in the free enterprise system and the global economy. Basic concepts of economics systems, job seeking and workplace skills, and planning and launching a business are introduced to provide students with a strong background as they prepare to make important decisions as consumers, wage earners, and citizens. The real-world impact of technology, effective communication, and interpersonal skills is also explored through hands-on software projects and written assignments.

Introduction to Business B

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

In the conclusion of this two-part course, students build on the knowledge gained in part A as they learn about the roles of business and marketing in the free enterprise system and the global economy. Basic concepts of economics systems, job seeking and workplace skills, and planning and launching a business are introduced to provide students with a strong background as they prepare to make important decisions as consumers, wage earners, and citizens. The real-world impact of technology, effective communication, and interpersonal skills is also explored through hands-on software projects and written assignments.

PREREQUISITE(S): [Introduction to Business A](#)

Introduction to Entrepreneurship I

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

In this introductory class, students will master the basics of planning and launching a business of their own. Whether they are interested in creating a money-making business or a nonprofit to help others, this course will give them the core skills they will need to succeed as they learn about the role of the entrepreneur, entrepreneurship as a career, production and delivery, and small business basics, marketing basics and company promotion. This course consists of interactive instruction, study questions, projects and quizzes.

Introduction to Entrepreneurship 2

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

In the continuation of this introductory class, students will master skills in expanded business ideas, how to attract investors, ways in which culture, globalization, and technology affect the success of a venture, and learn positive workplace skills. Units of study include sales, pricing, personal finance, credit, funding and risk, and the basics of accounting. This course consists of interactive instruction, study questions, projects and quizzes.

Cooperative Employment Theory

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: Full Year

What actually goes on in the real world of work? Wages, salaries and benefits—how will they affect you? The Cooperative Theory course will give you an opportunity to explore the related experiences of the work world while you are employed. Topics such as consumerism, budgeting, investments, and job acquisition skills will be covered in detail. Students who select this course must also register for the Cooperative Employment program.

ENGLISH

English 7

CREDIT:

HOURS PER WEEK: 2.5

GRADE(S): 7

LENGTH: Full Year

The nucleus of this course is literature and writing. Students will explore various types of literature including the novel, the short story, poetry, and drama while developing their ability to write and speak effectively. While reading multiple examples of informational texts, students will demonstrate comprehension through written analysis of the source. Students will apply the stylistic methods from

these informational text models in their own writing. Grammar, vocabulary, and usage skills are taught through the analysis of literature and the expansion of the writing process.

Advanced English 7

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 7 LENGTH: Full Year

The nucleus of this course is literature and writing. Students will explore various types of literature including the novel, the short story, poetry, and drama while developing their ability to write and speak effectively. While reading multiple examples of informational texts, students will demonstrate comprehension through written analysis of the source. Students will apply the stylistic methods from these informational text models in their own writing. Grammar, vocabulary, and usage skills are taught through the analysis of literature and the expansion of the writing process.

English 8

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: Full Year

This course is designed to help the strategic reader think critically by tapping student knowledge and experience, by stressing reasoning skills, and by encouraging a questioning attitude. The reading process is emphasized with a focus on comprehension, vocabulary development, analysis, and evaluation. Students learn to recognize and use more sophisticated patterns of organizing material as a means of learning and remembering information. As strategic readers who can take charge of their own reading, students are challenged to analyze, to respond, and to evaluate a variety of genres.

Advanced English 8

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: Full Year

The nucleus of this course is literature and writing. Students will explore various types of literature including the novel, the short story, poetry, and drama while developing their ability to write and speak effectively. While reading multiple examples of informational texts, students will demonstrate comprehension through written analysis of the source. Students will apply the stylistic methods from these informational text models in their own writing. Grammar, vocabulary, and usage skills are taught through the analysis of literature and the expansion of the writing process.

English 9

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9

LENGTH: Full Year

English 9 interweaves writing, and reading, so that students can relate continuously to what they have already learned while broadening their understanding of literature and the writing process. Students will become adept at recognizing the different genres of literature and applying various literary techniques. Students will begin to use writing as an analytical tool. Students will become proficient with standard grammar and usage and will be able to compose without mechanical errors. The research process will be reviewed and strengthened.

Honors English 9

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9

LENGTH: Full Year

Honors English 9 offers an in-depth analysis of literature, a comprehensive review of grammar and usage, and a rigorous application of the writing process. The material is intended to provide students an introduction to college-level scholarship. Students will become adept at recognizing the different genres of literature and applying various literary techniques. They will begin to use writing as an analytical tool. Students will become proficient with standard grammar and will be able to compose without mechanical errors. The research process will be reviewed and strengthened.

English 10

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: One Year

This course is designed to reinforce students' appreciation of numerous literary genres. Speaking, discussion, and listening skills will be enhanced while exploring various literary selections. Emphasis also will be placed on the application of standard grammar, mechanics, and vocabulary development. The research process will be reviewed and strengthened.

Honors English 10

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: One Year

The objective of Honors English 10 is to refine reading comprehension skills, writing skills, and analytical skills encouraging students to reach a proficiency in all areas, moving at a faster pace and at a more in-depth level than English 10. This course is accelerated and in-depth, exploring the particulars of the writing process, delving into insightful concepts in literature, and reviewing grammatical and mechanical protocol. Students will develop critical thinking, reading, writing, and vocabulary skills through a variety of assignments.

American Literature

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 11

LENGTH: Full Year

This year-long American Literature course uses various themes to discuss and analyze works by famous American authors and poets. The course offers an analysis of American literature, a comprehensive review of grammar and usage, a study of different genres of literature and applying various literary techniques. Skills taught also include a rigorous application of the writing process in connection with a complete grade level research paper requirement as part of this course. Students will become adept at recognizing the different genres and themes of literature and applying various literary techniques. Students will also be able to trace the historical events, trends, and tendencies that influence traditional American literature language usage. Students will incorporate elements of American literature in the writing process using themes and issues in American fiction and non-fiction. Students will begin to use writing as an analytical tool and will become proficient with standard grammar and composition via research and supplemental writing assignments.

Honors American Literature

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 11

LENGTH: Full Year

Through the study of major writing movements in twentieth century America, students will read a variety of literary genres including poetry, drama, essay, factual prose, short stories, and novels. Students will be able to discuss the literature according to its specific literary elements. Students will do a variety of writing and speaking activities related to course content, including speeches and projects. Students will continue to incorporate elements of American literature in the writing process using fiction and non-fiction major works, vocabulary study and various other classroom activities. Students will incorporate elements of American literature in the writing process using themes and issues in American fiction and non-fiction. The materials used and skills addressed are intended to provide the student with an introduction to college-level scholarship.

Advanced Placement Language and Composition

CREDIT: 1.0

HOURS PER WEEK: 3.5

GRADE(S): 11

LENGTH: Full Year

This course is a college-level course that focuses on the semantic, structural, and rhetorical aspects of language. Included in this course are various types of narrative and essay forms and other examples of expository writing, as well as the analysis of structure, diction, and sentence patterns in literary works. Students have the option of taking the A.P. English examination that could result in attaining college credit. Students may begin work in the summer to complete the course work. Students will also complete a full research paper requirement as part of this course. An approved professional must proctor the unit and cumulative exams on campus or off-site. The proctor agreement must be completed prior to beginning the course.

Honors British Literature

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: Full Year

This Senior English course provides an overview of the language arts, including literature, writing, research, grammar, speaking, and vocabulary, utilizing the literature of Great Britain. By chronologically examining historical backgrounds of literary movements, the course focuses on the great masterpieces. Selections include, but are not limited to, Beowulf, a Shakespearean play, The Canterbury Tales, legends about King Arthur, Robinhood, and William Wallace, Paradise Lost, Gulliver's Travels, The Importance of Being Earnest and Portrait of the Artist as a Young Man. The honors student will be expected to read and analyze all forms of literature - prose, poetry and drama - and demonstrate their comprehension and analysis through a variety of reading, writing and speaking activities.

Modern Humanities

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: Full Year

In this course, students will be given the opportunity to critically examine what it means to be human through evaluating selected works of writing, music, film and art. Students will be asked to analyze works by engaging in an inquiry process; much of the course will center on essential questions about meaning, purpose, nature and values. Students will improve reading, writing, and speaking skills through this inquiry. Students will be required to read, write, and think critically about all aspects of the Humanities as well as to participate in whole class discussions using the Moodle program.

Advanced Placement Literature and Composition

CREDIT: 1.0

HOURS PER WEEK: 3.5

GRADE(S): 12

LENGTH: Full Year

AP Literature is a college-level course which engages students in the careful reading and critical analysis of imaginative literature. Through close reading of selected literary works of recognized merit, students will deepen their understanding and enhance their pleasure of literature. Writing assignments will focus on critical analysis of literature and may include expository, analytical and argumentative essays. These essays will be produced using advanced vocabulary, syntax and organization as well as insight into the author, genre and historical period which produced the work. Students will have the option, at their own expense, of taking the Advanced Placement Literature Exam which may result in the attainment of 3-6 college credits.

Foundations of Creative Writing

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Foundations of Creative Writing offers students an authentic application of the writing process to their original forms of expression. The material is intended to provide the student with a creative outlet enabling him/her to cultivate self-expression through writing. This class is intended for students who are serious about writing. Students will create writing that is full of meaning and imagery yet is clear, concise, and vivid. The writing will adhere to all conventions of the English language and will exhibit a variety of sentence structures and word choice. The writing of short stories, a one-act play or screenplay, and poetry will be emphasized.

Speech

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This is a one-semester course that covers communications in the first half of the course and speech in the second half. The course begins with an introduction that focuses on understanding the elements, principles, and characteristics of human communication and then goes on to explore the topics of self-awareness and perception in communication. Verbal and nonverbal messages are thoroughly examined as well as learning about cultural and gender differences in the areas of listening and responding. The communications part of the course concludes with units on interpersonal, group, and organizational communication. The speech section of the course starts with an introduction to public speaking and then goes on to take the student step-by-step through speech writing covering topics such as choosing a topic, purpose and thesis; research and supporting materials; and methods for writing and delivering a speech. The course concludes with units on informative and persuasive speeches and students are given the opportunity to critique and analyze speeches in the course. The course is designed for high school students and contains both formative and summative assessments.

Online Learning and Digital Citizenship

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Students develop essential study skills for academic success, such as staying organized, managing time, taking notes, applying reading strategies, writing strong papers, and researching and properly citing information. Explicit modeling and ample practice are provided for each study skill to support student mastery. Instruction on how to be a responsible online learner is threaded throughout the course, and these skills are directly addressed in lessons on cyberbullying, staying safe online, and becoming a digital leader. A basic understanding of software and hardware and how to troubleshoot common technology issues are also taught. By the end of the course, students will have the tools they need to be academically successful in both traditional and digital learning environments.

Screenwriting - Skills Course

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Why do we cry at the movies? Or cheer? Why do thrillers put us on the edge of our seats? This course will help you understand, critique, and write dramatic stories for modern media including movies, games, and television. You'll develop skills in creative writing, awareness, provisional acting, collaborative storytelling, and creative self-confidence as you craft your own original story.

COREQUISITE: Zulama LMS - additional costs and a contract addendum may apply - contact SVAOC if interested in utilizing this course.

FAMILY AND CONSUMER SCIENCES

Intro to Family and Consumer Sciences

CREDIT:

HOURS PER WEEK: 2.5

GRADE(S): 8

LENGTH: One Semester

This class will give students opportunities for self-exploration. Students will explore personal finances, healthy relationships, food and nutrition. Students will be presented with lifetime skills that include the following: kitchen and food safety, sanitation, shopping techniques, and consumer rights and responsibilities.

Consumer Decisions

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This is designed as a one-semester course for high school student. Lessons present students with essential information regarding desired consumer skills for personal success. The primary skills examined include, ascertaining an understanding of the economic aspects of personal financial stability and success along with accompanying consumer responsibilities, aspects of healthcare, housing and its financial facets, and transportation cost and decisions.

Leadership and Career Development

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This course is for students who wish to learn how to choose a college or career, complete a college/job application, apply for scholarships, prepare for a career by building your resume and cover letter, and develop interviewing skills.

Strategies for Academic Success

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Strategies for Academic Success is a one semester comprehensive study skills and strategies course designed for high school students. The course covers important study skills topics such as time management, note taking, online learning skills, and strategies for remembering key information. Within the course, students receive real-world activities to further enhance learning.

MATHEMATICS

Pre-Algebra

CREDIT:

HOURS PER WEEK: 2.5

GRADE(S): 7

LENGTH: Full Year

Pre-Algebra is an integrated math course where students review and extend their basic math skills. The course is centered on algebra skills needed to solve equations using integers, decimals, and fractions. Students also learn the concepts of probability, statistics, and geometry. The relationship among percents, decimals, and fractions is also explored. Throughout the year, students practice answering open-ended questions.

Algebra 1 Part A

CREDIT:

HOURS PER WEEK: 5

GRADE(S): 8

LENGTH: Full year

This course is the study of basic algebraic structure of the real number system. The major topics studied are; variables, expressions, properties, exponents, equations, and graphing. Emphasis will be placed on both the understanding of concepts and acquisition of skills on the common core 8 standards and an intro to Algebra Keystone standards. This course is designed as a foundation for the study of advanced mathematics and science as well as application of skills and concepts.
NCAA Note: This course is worth 0.5 NCAA credits.

Algebra 1 Part B

CREDIT: HOURS PER WEEK: 5

GRADE(S): 8 LENGTH: Full year

This course is a continuation of Algebra 1 Part A. The major topics studied are variables, expressions, properties, exponents, equations, inequalities, polynomials, graphing, absolute value, and probability. Solving real-life problems is also addressed. Emphasis will be placed on both the understanding of concepts and the acquisition of skills. This course continues forming the foundation needed for the study of advanced mathematics and science.

NCAA Note: This course is worth 0.5 NCAA credits.

Algebra 1

CREDIT: 1.0 HOURS PER WEEK: 2.5

GRADE(S): 9 LENGTH: Full Year

Algebra 1 is a foundation course which focuses on the real number system, variables, expressions, properties, exponents, equations, inequalities, polynomials and graphing. Emphasis will be placed on both the understanding of concepts and the acquisition of skills.

Principles of Geometry

CREDIT: 1.0 HOURS PER WEEK: 2.5

GRADE(S): 10 LENGTH: Full Year

Principles of Geometry is a challenging course which includes an analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts, as well as real-world problem situations. Significant emphasis is placed on algebra which is integrated throughout all units. The course is designed to focus on the key topics of geometry including inductive reasoning, deductive reasoning and proofs, perpendicular and parallel lines, triangles, quadrilaterals, similarity, congruency, right triangles, circles, surface area, and volume.

Geometry

CREDIT: 1.0 HOURS PER WEEK: 2.5

GRADE(S): 9 LENGTH: Full Year

Geometry is an academically challenging course which includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts, as well as real-world problem situations. Significant emphasis is placed on algebra which is integrated throughout all units. The course is designed to focus on the key topics of geometry including inductive reasoning, deductive reasoning and proofs, perpendicular and parallel lines, triangles, quadrilaterals, similarity, congruency, right triangles, circles, surface area, and volume.

Honors Geometry

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9

LENGTH: Full Year

Honors Geometry is a fast-paced, demanding academic course specifically designed for highly motivated students who enjoy a challenge. This course develops the structure of geometry, logical thinking, precise language, geometric notation, and proofs. Emphasis is on plane geometry with an introduction to spatial and coordinate geometry. The development of these concepts employs both inductive and deductive reasoning, while incorporating required algebra skills. The goals of this course are to develop student proficiency with geometric skills and to expand geometric concepts.

Principles of Algebra 2

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: Full Year

Principles of Algebra 2 is a course which concentrates on quadratic, polynomial, radical, rational, exponential, and logarithmic functions and graphs. Irrational numbers are studied and complex numbers are also introduced.

Algebra 2

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: Full Year

Algebra 2 is a rigorous, fast-paced course which concentrates on functions and graphs. Irrational numbers are studied and complex numbers are introduced. A solid foundation in Algebra 1 is essential for placement in this course. It is highly recommended that students purchase a graphics calculator for this course. The TI calculator will be used in class.

Honors Algebra 2

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9 - 10

LENGTH: Full Year

Honors Algebra 2 is a demanding course intended for highly-motivated students who have successfully completed Honors Algebra 1 and Honors Geometry. Course content focuses on algebraic properties, processes, and representations as well as families of functions and their graphs. In-depth exploration of enrichment topics is also provided. Students are strongly urged to purchase a graphing calculator for this course.

Pre-Calculus with Trigonometry

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 10 - 12

LENGTH: Full Year

This course is for the serious-minded student who wants to better his preparation for the Calculus and other higher mathematics. It consists of an extension of the skills of Algebra 2 with a major emphasis on functions: linear, polynomial, exponential, and trigonometric. Ten to twelve weeks of the course are devoted to a thorough study of trigonometry. A graphics calculator will be helpful for some of the content in the course.

Honors Pre-calculus with Trigonometry

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 10 - 11

LENGTH: Full Year

This course is for the serious-minded student who wants to better his/her preparation for Calculus and other higher mathematics. It explores the relationship between advanced algebra topics and trigonometry. Students are challenged to discover and comprehend the nature of graphs, nonlinear systems, and polynomial and rational functions. The course will also cover arithmetic and geometric sequences, conic sections, trigonometric proofs, Law of Sines, Law of Cosines, and mathematical induction. A graphics calculator will be helpful for some of the content in the course.

Algebra 3

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: One Semester

This course is designed as a third or fourth year option to Pre-calculus for students completing either Principles of Algebra 2 or Algebra 2 in their sophomore or junior year. Topics covered include factoring, binomial expansion, solving rational equations, solving radical equations, linear regression, quadratic functions, exponential functions, logarithmic functions, polynomial operations, and polynomial functions of a higher degree.

Introductory Statistics

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: One Semester

This course is a one semester course designed for students who desire an option to Pre-calculus as a fourth year mathematics course. Students will learn the fundamentals of probability, methods of describing and displaying numerical and categorical data, and investigation of random variables and their distributions.

Trigonometry

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: One Semester

This course is designed as a fourth year option to Pre-calculus for students completing either Principles of Algebra 2 or Algebra 2 in their junior year. Topics covered include right-triangle trigonometry, angles and radian measure, trigonometric equations, trigonometric applications, identities and proofs, graphs of the sine, cosine, and tangent function.

Personal Finance

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: One Semester

Personal Finance is a course designed to develop a class of financially literate students. They will have the knowledge, skills, and confidence to begin taking charge of their financial future with the expectation to prosper in today's ever changing economy. Students will increase their understanding of personal financial concepts, develop critical thinking skills with respect to financial planning, learn to appreciate the awesome power of compound interest, apply the knowledge gained to their personal financial situations, and become financially responsible adults who will hopefully save regularly and use credit wisely. Budgeting, saving, making investments, and handling credit are financial skills that all individuals need to know. Reinforcement of financial awareness helps to provide students with the opportunity to live within their means, improve their savings strategies, grow capital through investments, and promote a positive social change as they develop better financial skills. This course is recommended for any senior whether they are college bound or planning on entering the job market immediately upon graduation from high school.

Computer Science

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This course introduces students to the basics of Computer Science through a series of projects that allow for creativity and experimentation. Students will create a diverse portfolio of projects using Python, an open-source programming language used by professional programmers worldwide, as they learn about commands and functions, values and variables, GUIs, modular and object-oriented programming, and events and event-driven processes. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

Introduction to Information Technology A

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of information technology.

Introduction to Information Technology B

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

In the conclusion of this two-part course, students build on the knowledge gained in part A as they learn the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of information technology.

[PREREQUISITE\(S\): Introduction to Information Technology A](#)

PERFORMING ARTS:
MEDIA & VISUAL ARTS

General Art 7

CREDIT:

HOURS PER WEEK: 5

GRADE(S): 7

LENGTH: One Semester

Seventh Grade General Art provides an introduction to a wide range of art concepts and principles. The Elements of Art (line, value, color, texture, shape, form and space) are emphasized throughout the course, as well as art history and appreciation.

Introduction to Art

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Introduction to Art is a one semester course that covers both art appreciation and the beginning of art history. The first section of the course covers defining art, cultural purpose of art, visual elements of arts, terminology and principles of design, two-dimensional media and techniques including photography, film, and digital video. Three-dimensional media such as craft, sculpture, and architecture are also covered. The course is designed to help students appreciate art in their everyday lives. Students explore the various points of view by which people interpret works of art and learn to describe the formal elements (line, color, and shape) of a piece of art. The art history portion of the course covers art from the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

Survey of Art History

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Survey of Art History is a one-semester course designed for the high school student. The course is designed to introduce students to the global world of art by providing historical, social, geographical, political, and religious context so that they may have a better understanding of art and architecture through the ages. The course is organized by chronological, historical order as well as by world regions. Topics include Early Medieval Art and Romanesque Art; Art in the 12th, 13th and 14th Centuries; 15th Century Art in Europe; 16th Century Art in Italy - The Master Artists; High Renaissance and Baroque Art; World Art that includes the Art of Asia and Art of Africa, the Americas, and the Pacific Cultures; 18th and 19th Century Art in Europe and the Americas; and concludes with a modern art unit that covers Modern Art in Europe, Modern Art in the Americas, and new mediums such as Photography and Pop Art. The course contains formative and summative assessments and concludes with a cumulative examination.

Digital Arts 1

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This digital arts course focuses on building a solid foundation of the basic elements of visual art. The course teaches core skills using the Inkscape program. Students will begin to explore a variety of electronic media and techniques. Students will also learn 3D space in a 2D environment including filters, gradients and highlights, and methods of working with color. Throughout this course, students will create visual art using the creative process with the teacher as a mentor, with the goal of moving toward more independent work.

Digital Arts 2

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Students will continue to use Inkscape as they learn about the principles and elements of art and design. By the end of this course, each student will have created a unique portfolio of digital artwork, including repeating images to be used as a computer's desktop background, a logo with text, two images scaled proportionally to one another, and a poster image and layout. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

Audio Engineering

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Through a series of hands-on Audacity® projects, this introductory audio engineering course teaches students the four main steps of professional recording: recording, editing, mixing, and mastering. Students will learn about Audacity's workspace and tools, tones and waveforms, recording formats, MIDI and DAW, syncing audio, and many other topics. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

PHYSICAL EDUCATION AND HEALTH

Health 7

CREDIT:

HOURS PER WEEK: 2.5

GRADE(S): 7

LENGTH: One Semester

This course provides students with an opportunity to study in areas of human health as it pertains to the maturing young adolescent. Area of study includes an in-depth approach to the student's ability in life saving techniques, while taking care of the body's circulatory system including CPR certification. Personal nutrition and fitness are strongly emphasized while introducing the importance to the other body's systems. Additional health education focuses on the problems dealing with the adolescent's ability to resist peer pressure, drugs, alcohol, and negative social/emotional issues. Students will draw on their gained knowledge of course concepts, to build a strong character for making positive choices in their daily lives.

Physical Education 7

CREDIT: HOURS PER WEEK: 1.5 course work

GRADE(S): 7 LENGTH: Full Year

This course is a combination of online work and physical activity. The online work will emphasize fitness basics and principles, health-related fitness components and movement in the body. The physical activity requirement includes 30 hours of logged activity (15 hours of aerobic and 15 hours of resistance) which is observed and documented by a professional in the fitness/physical activity field.

Health 8

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: One Semester

The Eighth Grade Health Education Class examines the development of an adolescent as they change and grow. The class will focus on human anatomy while encouraging how to prevent illness in order to maintain wellness. The Health class also examines issues pertaining to the middle school student's personal development with an area of study in reproduction, AIDS education and sexually transmitted diseases. Drugs, alcohol and other social environmental pressures that affect the areas of personal wellness are strongly emphasized. Other health related topics are addressed as they apply to the student for their wellness and character development for correct decision making in today's fast paced media rich environment. NOTE: Parents/guardians may opt for removal of HIV/AIDS content from their child's course with a written request to the teacher of record.

Physical Education 8

CREDIT: HOURS PER WEEK: 1.5 coursework

GRADE(S): 8 LENGTH: Full Year

This course is a combination of online work and physical activity. The online work will emphasize fitness basics and principles, health-related fitness components, participation in sport and treatment for common sports injuries. The physical activity requirement includes 30 hours of logged activity (15 hours of aerobic and 15 hours of resistance) which is observed and documented by a professional in the fitness/physical activity field.

Physical Education 9

CREDIT: 0.5 HOURS PER WEEK: 1.5 course work

GRADE(S): 9 LENGTH: One Semester

This course is a combination of online work and physical activity. The online work will emphasize the benefits of physical activity, beginning an exercise program, developing and maintaining cardiorespiratory, muscular strength/endurance and flexibility fitness and fitness safety. The physical activity requirement includes 30 hours of logged activity (15 hours of aerobic and 15 hours of resistance) which is observed and documented by a professional in the fitness/physical activity field.

Health

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: One Semester

Health education provides students with practical knowledge that will enable them to maintain wellness throughout their lives. The course emphasizes intelligent decision-making and the need to take responsibility for ones' own health. Units studied are based on areas of concern to students in particular and the nation in general. Topics include, but are not limited to general wellness, mental health/disorders, nutrition, alcohol and drugs, sexuality, and health-related environmental issues. NOTE: Parents/guardians may opt for removal of HIV/AIDS content from their child's course with a written request to the teacher of record.

Physical Education 10

CREDIT: 0.5

HOURS PER WEEK: 1.5 course work

GRADE(S): 10

LENGTH: One Semester

This course is a combination of online work and physical activity. The online work will emphasize developing and maintaining cardiorespiratory, muscular strength/endurance and flexibility fitness and body composition, fitness safety, skills for lifelong fitness and success in athletics and designing a personalized fitness plan. The physical activity requirement includes 30 hours of logged activity (15 hours of aerobic and 15 hours of resistance) which is observed and documented by a professional in the fitness/physical activity field.

Physical Education 11

CREDIT: 0.5

HOURS PER WEEK: 1.5 online work

GRADE(S): 11

LENGTH: One Semester

This course is a combination of online work and physical activity. The online work will emphasize physical fitness fundamentals including biomechanical principles, developing and maintaining cardiorespiratory, muscular strength/endurance and flexibility fitness and designing a personalized fitness plan. The physical activity requirement includes 30 hours of logged activity (15 hours of aerobic and 15 hours of resistance) which is observed by a professional in the fitness/physical activity field.

Physical Education 12

CREDIT: 0.5

HOURS PER WEEK: 1.5 online work

GRADE(S): 12

LENGTH: One semester

This course is a combination of online work and physical activity. The online work will emphasize physical fitness fundamentals including health-related fitness components, benefits of lifetime fitness, designing a personalized fitness plan and being a wise consumer. The physical activity requirement includes 30 hours of logged activity (15 hours of aerobic and 15 hours of resistance) which is observed by a professional in the fitness/physical activity field.

READING

Reading 7: Strategic Reading

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 7 LENGTH: One Semester

This course is designed to help developing readers meet the demands of school and real-life reading situations. Learners will acquire the active reading skills necessary to independently utilize appropriate strategies for analyzing and comprehending increasingly complex texts in all content areas. Students are encouraged to develop a personal interest in reading through choice of material and exposure to a wide range of literature from many genres.

Reading 8: Critical Reading

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: One Semester

This course is designed to help the strategic reader think critically by tapping student knowledge and experience, by stressing reasoning skills, and by encouraging a questioning attitude. The reading process is emphasized with a focus on comprehension, vocabulary development, analysis, and evaluation. Students learn to recognize and use more sophisticated patterns of organizing material as a means of learning and remembering information. As strategic readers who can take charge of their own reading, students are challenged to analyze, to respond, and to evaluate a variety of genres.

SCIENCE

Integrated Science 7

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 7 LENGTH: Full Year

This course focuses on life science and ecology. Students will investigate the characteristics of the five biological kingdoms. Students will also explore the interaction of living organisms in various ecosystems and analyze current environmental problems and solutions.

Integrated Science 8

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: Full Year

This course will integrate ecology and biological concepts of chemistry and physical science. Emphasis will be placed on problem solving and critical thinking skills. This is an inquiry based course that will concentrate on real world connections.

Principles of Biology 1

CREDIT: 0.5 HOURS PER WEEK: 2.5

GRADE(S): 9 LENGTH: One Semester

Principles of Biology 1 is a one-semester, computer based introductory course stressing the major principles of life. This course will cover a broad range of topics including scientific processes, biochemistry, cell biology, and genetics. Simulated lab experiences are an integral part of this course.

Principles of Biology 2

CREDIT: 0.5 HOURS PER WEEK: 2.5

GRADE(S): 9 LENGTH: One Semester

Principles of Biology 2 is a one-semester, computer based introductory course designed to present an examination of the living world and related societal issues. This course will include the characteristics of life from the biosphere to the atom. Units taught in this course include: genetics, DNA replication, protein synthesis, evolution, and plant and animal anatomy.

Biology

CREDIT: 1.0 HOURS PER WEEK: 2.5

GRADE(S): 9 LENGTH: Full Year

This high school course covers an in-depth view of biological science concepts. A brief section of biochemistry leads into an overview of ecology and the interactions of the environment and populations of living organisms. A comprehensive section on cellular biology and genetics exposes students to biology on a small scale that leads to the theory of evolution and the history of life on earth. The remainder of the course explores the complexity and variety of life on earth with sections devoted to simple organisms, plants, invertebrates and vertebrates as well as human biology.

Honors Biology

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9

LENGTH: Full Year

The core biology curriculum is designed to present an examination of the living world and related societal issues. Emphasis is placed on the scientific process, cells and cell processes, and the continuity and unity of life, including lab simulations. The course will include the characteristics and organization of life from the biosphere to the atom. This includes DNA, biochemistry, genetics, cell division, homeostasis and related processes. Honors Biology is a fast-paced, rigorous course in which the student is expected to be highly motivated to achieve at an honors level. Honors Biology investigates biological organization starting at a molecular level and culminating with living organisms and their inter-relationships. This course differs from Biology in depth, pace, and lab simulations.

Principles of Chemistry 1

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: One Semester

This one-semester course covers the foundation for the composition and structure of matter. Topics will include scientific method, measurement, matter, solids, liquids and gases, atoms, elements, and the periodic table. Lab simulations are used to enhance this course.

Principles of Chemistry 2

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10 - 11

LENGTH: One Semester

This one-semester course is a continuation of the topics covered in Principles of Chemistry I. Topics will include bonding, chemical equations, acids & bases, an introduction to carbon-based chemistry and energy & resources. Lab simulations are used to enhance this course.

Chemistry

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: Full Year

This year long high school course covers the foundation for the composition, structure, and reactions of matter. It addresses scientific measurements, the general properties of matter, and the structure of the atoms. Also covered are the periodic table, types of bonds, and chemical equations. Other topics involve introducing the states of matter, chemical reactions, the energy involved in chemical changes as well as a brief overview of nuclear chemistry. This course requires students to use math in calculations and conversions.

Honors Chemistry (5465)

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: Full Year

This year-long high school science course covers the foundation for the composition, structure, and reactions of matter. It addresses scientific measurements, the general properties of matter, structure of the atoms, the periodic table, types of bonds, and chemical equations. Other topics involve introducing the states of matter, chemical reactions, the energy involved in chemical changes as well as a brief overview of nuclear chemistry. This course requires students to have a solid foundation in math as calculations and conversions are basic components of chemistry. This course is designed to progress at a more rapid pace than the regular chemistry course and covers additional topics.

Principles of Physics

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: One Semester

This is an introductory course to the physics of mechanics. This course utilizes an online text and virtual lab-based learning approach to investigate the nature of science, concepts of motion, Newton's Laws, energy and momentum and their applications.

Physics: Energy

CREDIT: 0.5

HOURS PER WEEK: 2.5 hrs

GRADE(S): 11 - 12

LENGTH: One Semester

Energy is vital in everyday life. Our national economy and our national security depend on it. This class is designed to assist students in developing a better understanding of the physics of energy, including its forms and sources, generation, transmission and consumption. This class is designed for any student interested in the study of energy, and can be taken alone or in conjunction with other physics courses. Students will look at fossil fuels, renewable sources of energy and nuclear power. They will also scientifically explore a variety of methods for how the ever increasing worldwide energy demands may be met.

Physics: Models and Interactions

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: Full Year

This course is designed for college-bound students. It provides the foundation for an understanding of the laws that govern the concepts of motion and energy. This course relies on the use of mathematics to represent and illustrate different phenomena, so students need to have a strong math background to be successful. Major themes in this course include mechanics, work and energy, electricity and magnetism, waves, light, sound.

Honors Physics

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: Full Year

This course is designed for college-bound students. It provides the foundation for an understanding of the laws that govern the concepts of motion and energy. This course relies on the rigorous use of mathematics, including Algebra II and Trigonometry, to represent and illustrate different phenomena. Students must have a strong math background to be successful. The Honors Physics course surveys a wider variety of content than the Physics course. Additional content includes circular motion, gravitation, atomic physics, interference and diffraction

Environmental Science

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This semester course encompasses several major units which cover many aspects of environmental science including The Water; Energy and Resources; and Societies and Policy. Environmental Science contains Global Connections lessons which include unique activities that merge lesson material with real world issues pertaining to the environment. This course focuses on the impact human activity has had on ecosystems. We will also look at the role humans have had in the ecological spheres (studied in Ecology) and the impact these changes have had on the world.

Advanced Placement Environmental Science

CREDIT: 1.4

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: Full Year

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will be required to be on campus to complete multiple labs each nine weeks. These may be after school labs.

Intro to Anatomy

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10 - 12

LENGTH: One Semester

This semester course provides an introductory level study of the human body, its structure and function. The main focus of this course is a survey of each body system, including cells, tissues, and organs, and the homeostatic mechanisms of the body. This course would be especially useful for students whose ultimate goal is to enter the health care profession by providing a basic overview of vocabulary and purpose for body systems and parts.

Anatomy

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10 - 12

LENGTH: One Semester

This semester course will examine the structures, functions, and interdependence of the human body systems. The course will cover the anatomy of the body (positions, planes, regions) and then move into the musculoskeletal system, nervous and sensory systems, cardiovascular system and the respiratory system. The course will conclude with a brief overview of the integumentary, lymphatic, and immune systems. This course is recommended for those pursuing a career in the health science field.

Astronomy

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: One Semester

The course of Astronomy is designed to give the high school student an introduction and appreciation for the universe beyond the earth. Emphasis is placed on atmospheric science in the first half of the course through lessons on weather and climate. The second half focuses on space science, exposing students to the interactions of the earth, moon, and sun and an overview of our solar system and the universe beyond.

Ecology

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This course examines the environment and man's impact on it. The students will develop an understanding of what an ecosystem is and the elements that determine the types and numbers of organisms that live there. We will look at the atmosphere (air), the hydrosphere (water), and the lithosphere (soil) and how they sustain the biosphere (life), and how the biosphere interactions with each of the other spheres. Environmental science pairs with this course to provide insight into how humans affect these spheres.

Global Science

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Global Science is a one-semester elective course that serves as an introduction to various environmental and Earth sciences concepts. Environmental topics covered include: ecosystems and their dynamics, natural resources, conservation, watershed delineation, wetlands, and pollution. Earth science concepts covered include: rocks and minerals, plate tectonics, meteorology, global warming, origins of the universe, the life cycle of stars and planetary motion.

Introduction to Health Science A

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10 - 12

LENGTH: One Semester

This course introduces students to a variety of healthcare careers as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students will learn terminology; anatomy and physiology; pathologies; diagnostic and clinical procedures; therapeutic interventions; and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

Introduction to Health Science B

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10 - 12

LENGTH: One Semester

In the conclusion of this two-part course, students build on the knowledge gained in part A as they master the basic skills required of all healthcare professionals. In addition to learning the key elements of the U.S. healthcare system, students will learn terminology related to the following: anatomy and physiology; pathologies; diagnostic and clinical procedures; therapeutic interventions; along with the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

PREREQUISITE(S): [Introduction to Health Science A](#)

Advanced Topics in Chemistry

CREDIT: 0.5

HOURS PER WEEK: 2.5 hrs

GRADE(S): 11 - 12

LENGTH:

This one semester course covers topics in chemistry such as thermodynamics, kinetics, equilibrium, acids and bases, electrochemistry and nuclear chemistry. These topics are not normally discussed in a first year chemistry course. Lab simulations and mathematical calculations are an integral part of this course.

Adventures in World History

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 7 LENGTH: Full Year

This course provides the student with the opportunity to study civilizations that have contributed to the shaping of our modern world. The time frame of the course will include prehistory through the Age of Exploration (1500 C.E.). This course will focus on the geography of various regions. Further, the student will explore the physical, political, and religious changes that have taken place throughout this time period. This course will provide the foundation for future Social Studies courses.

Civics and Economics

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: Full Year

This course provides the student with the opportunity to investigate the structure of the United States' political system and principles of contemporary economics. This course will include eighteen weeks of Civics instruction and eighteen weeks of Economics instruction. This course will focus on preparation of the student for adult participation in the political system and the economy.

U.S. History I (1776 - 1860)

CREDIT: 0.5 HOURS PER WEEK: 2.5

GRADE(S): 9 LENGTH: One Semester

U.S. History I is a semester-long course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from the Era of Exploration through Jacksonian Democracy, leading students through a careful examination of the defining moments that paved the way for the United States of today. Students begin by exploring the colonization of the New World and examining the foundations of colonial society. As they study the early history of the United States, students will learn critical thinking skills by examining the constitutional foundations of U.S. government.

U.S. History 2 (1860 - 1914)

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9

LENGTH: One Semester

U.S. History II is a semester-long course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from Manifest Destiny through the Industrial Revolution, leading students through a careful examination of the defining moments that paved the way for the United States of today. As they study the history of the United States, students will learn critical thinking skills by examining the constitutional foundations of U.S. government. Recurring themes such as territorial expansion, the rise of industrialization, and the significance of slavery will be examined in the context of how these issues contributed to the Civil War and Reconstruction.

Honors U. S. History 1 (1776 - 1860)

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9

LENGTH: One Semester

Honors U.S. History I is a semester-long course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from the Era of Exploration through Jacksonian Democracy, leading students through a careful examination of the defining moments that paved the way for the United States of today. Students begin by exploring the colonization of the New World and examining the foundations of colonial society. As they study the early history of the United States, students will learn critical thinking skills by examining the constitutional foundations of U.S. government. Students will also collaborate with their classmates in discussions of historical events in the United States.

Honors U. S. History 2 (1860 - 1914)

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9

LENGTH: One Semester

U.S. History II is a semester-long course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from Manifest Destiny through the Industrial Revolution, leading students through a careful examination of the defining moments that paved the way for the United States of today. As they study the history of the United States, students will learn critical thinking skills by examining the constitutional foundations of U.S. government. Recurring themes such as territorial expansion, the rise of industrialization, and the significance of slavery will be examined in the context of how these issues contributed to the Civil War and Reconstruction. Students will also collaborate with their classmates in discussions of historical events in the United States.

World History & Geography 1: 1350 - 1914

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: One Semester

Beginning with topics from prehistory and culminating in the events of the 21st century, this course provides interactive course content that will challenge high school students to learn about the political, economics, and social aspects of Eastern world history. This highly engaging, semester course encourages students to explore the major revolutions and social movements that have influenced different Eastern hemisphere nations and eventually spread throughout the world. During this course, students will be exposed to a variety of pressing issues that have garnered opportunities for both conflict and cooperation in the modern world.

World History and Geography 2: 1914 - Present

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: One Semester

Beginning with topics from prehistory and culminating in the events of the 21st century, this course provides interactive course content that will challenge high school students to learn about the political, economics, and social aspects of Western world history. This highly engaging, semester course encourages students to explore the major revolutions and social movements that have influenced different Western hemisphere nations and eventually spread throughout the world. During this course, students will be exposed to a variety of pressing issues that have garnered opportunities for both conflict and cooperation in the modern world.

Honors World History and Geography 1: 1350 - 1914

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: One Semester

Beginning with topics from prehistory and culminating in the events of the 21st century, this course provides interactive course content that will challenge high school students to learn about the political, economics, and social aspects of Eastern world history. This highly engaging, semester course encourages students to explore the major revolutions and social movements that have influenced different Eastern hemisphere nations and eventually spread throughout the world. During this course, students will be exposed to a variety of pressing issues that have garnered opportunities for both conflict and cooperation in the modern world. Students will also collaborate with their classmates in discussions of historical events in the Eastern hemisphere.

Honors World History and Geography 2: 1914 - Present

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 10

LENGTH: One Semester

Beginning with topics from prehistory and culminating in the events of the 21st century, this course provides interactive course content that will challenge high school students to learn about the political, economics, and social aspects of Western world history. This highly engaging, semester course encourages students to explore the major revolutions and social movements that have influenced different Western hemisphere nations and eventually spread throughout the world. During this course, students will be exposed to a variety of pressing issues that have garnered opportunities for both conflict and cooperation in the modern world. Students will also collaborate with their classmates in discussions of historical events in the Western hemisphere.

U. S. History 3 (1898 - 1947)

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11

LENGTH: One Semester

U.S. History III is a semester long course that examines the major events and turning points of U.S. history from the Industrial Revolution through the Great Depression. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on the United States rise to global prominence, the influence of social and political movements on societal change, and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and between multiple perspectives.

U. S. History 4 (1947 - Present)

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11

LENGTH: One Semester

U.S. History IV is a semester-long course that examines the major events and turning points of U.S. history from World War II through the Modern World. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on the United States rise to global prominence, the influence of social and political movements on societal change, and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and between multiple perspectives.

Honors U.S. History 3 (1898 - 1947)

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11

LENGTH: One Semester

U.S. History III is a semester long course that examines the major events and turning points of U.S. history from the Industrial Revolution through the Great Depression. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on the United States rise to global prominence, the influence of social and political movements on societal change, and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and between multiple perspectives. Students will also collaborate with their classmates in discussions of historical events in the United States.

Honors U.S. History 4 (1947 - Present)

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11

LENGTH: One Semester

Honors United States History IV U.S. History IV is a semester-long course that examines the major events and turning points of U.S. history from World War II through the Modern World. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on the United States rise to global prominence, the influence of social and political movements on societal change, and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and between multiple perspectives. Students will also collaborate with their classmates in discussions of historical events in the United States.

Economics

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: One Semester

Economics provides students with an understanding of the principles of economics. As they become familiar with how markets work, students interact with lessons to apply the key micro economic concepts of supply and demand as well as the role of prices. This course targets important aspects of the world economy, including international trade and global economic challenges, and encourages students to apply the economic way of thinking to a variety of situations relevant to their everyday lives.

Honors Economics

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: One Semester

Honors Economics provides students with an understanding of the principles of economics. As they become familiar with how markets work, students interact with lessons to apply the key micro economic concepts of supply and demand as well as the role of prices. This course targets important aspects of the world economy, including international trade and global economic challenges, and encourages students to apply the economic way of thinking to a variety of situations relevant to their everyday lives. Students will also collaborate with their classmates in discussions of local and recent economic activity.

Government and Issues

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: One Semester

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its Amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy approaches. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

Honors Government and Issues

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 12

LENGTH: One Semester

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its Amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy approaches. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays. Students will also collaborate with their classmates in discussions of local and recent government activity.

Geography

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Designed as a semester high school course, lessons explore global connections: tracing the development of modern civilization and human systems from the agricultural revolution to the technological revolution, and the development of the modern urban space. Students will also examine the effects of technology on societies and environments including human movement, communications, climate change, and pollution.

Human Geography

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Examining current global issues that impact our world today, Human Geography takes a thematic approach to understanding the development of human systems and focuses on human understanding of the world and human social organization. Offering interactive content that will grow students' understanding of the development of modern civilization and human systems this course encourages students to analyze economic trends as well as compare global markets and urban environments.

Introduction to Psychology

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: One Semester

This course introduces students to the study of psychology and helps them to master fundamental concepts in research, theory and human behavior. Students analyze learning, personality and behavior from the perspective of major theories within psychology, including the biological, psychosocial and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field.

Advanced Placement Psychology

CREDIT: 1.0

HOURS PER WEEK: 3.5

GRADE(S): 11 - 12

LENGTH: Full Year

The AP Psychology course introduces the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. An approved professional must proctor the unit and cumulative exams on campus or off-site. The proctor agreement must be completed prior to beginning the course.

Sociology

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 11 - 12

LENGTH: One Semester

Providing insight into the human dynamics of our diverse society, Sociology is an engaging course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times (Edgenuity).

Advanced Placement Human Geography

CREDIT: 1.0

HOURS PER WEEK: 3.5

GRADE(S): 11 - 12

LENGTH: Full Year

Designed to meet or exceed the experience of a college course, AP Human Geography examines the geographic processes and analyzes the spatial patterns evident in today's world. Students enrolled in this comprehensive course will explore the factors that have shaped human interaction, use and alteration of the Earth's surface while employing spatial concepts and landscape analysis to examine social organization and its environmental consequences. An approved professional must proctor the unit and cumulative exams on campus or off-site. The proctor agreement must be completed prior to beginning the course.

TECHNOLOGY
EDUCATION

Intro to Engineering Design

CREDIT:

HOURS PER WEEK: 2.5

GRADE(S): 8

LENGTH: One Semester

This introductory engineering course teaches the basics of computer-aided design: creating geometric forms, interpreting 2D and 3D drawings of objects, and editing isometric and perspective drawings in a 3D CAD environment. As students create a diverse portfolio of projects, they will gain the foundation needed to translate abstract concepts into functional designs. Throughout the course, students will use CAD Standard Lite and Google SketchUp software. Students completing this course must have access to a computer running Microsoft Windows and have the ability to install software on that computer.

Engineering Design

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This introductory engineering course builds on knowledge of core engineering concepts as students work in a CAD environment. Students will learn the steps of the design process by modeling and building paper towers, bridges, or platforms. Students will use Creo Elements/Direct™, a 3D CAD modeling program used by professional engineers. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

COREQUISITE(S): Students working at home must have access to a computer running Microsoft Windows and have the ability to install software on that computer.

3D Art 1: Modeling

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This introductory design course teaches the fundamental concepts of 3D modeling and allows students to explore the basic concepts and skills of 3D animation. In this course, students will work with Blender® to create projects such as an image of a monkey wearing a hat, a landscape terrain, an animation of a creature walking, and many more. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

COREQUISITE(S): Students working at home must have access to a computer running Microsoft Windows and have the ability to install software on that computer.

3D Art 2: Animation

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

This design course builds on the foundational skills taught in Part I. By working on animations such as a bouncing ball with realistic movement, lighting animation that changes color and brightness, a robot arm that lifts and drops balls and a variety of other projects, students will gain an understanding of the skills necessary to be a professional animator.

PREREQUISITE(S): 3D Art 1: Modeling

COREQUISITE(S): Students working at home must have access to a computer running Microsoft Windows and have the ability to install software on that computer.

Game Design

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

In this online class, students will work with the Multimedia Fusion 2® software program to obtain a solid foundation in the fundamentals of game design and development. Each student will create an impressive portfolio of interactive, engaging games such as a classic two-player ping pong game, a block breaking action game, a maze game with moving obstacles, and a variety of others. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

COREQUISITE(S): This course must be completed on campus. The school district's software license for Multimedia Fusion 2® only applies to computers on campus. Consequently students must schedule a cyber-lab period during their school day to complete the course.

GameMaker Programming 1 - Skills Course

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Students learn the concepts taught in a college-level "Programming 101" course, but all of the projects are games! Students receive an introduction to basic programming by building two dimensional (2D) games. GameMaker, the 2D game engine they interact with, is based on a scripting language that builds techniques which can be transferred to any other programming language such as Python, Java and C++. Students finish complete stand-alone executable games that can be played with friends and added to their digital portfolio. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

COREQUISITE(S): This course must be completed on campus. The school district's software license for GameMaker only applies to computers on campus. Consequently students must schedule a cyber-lab period during their school day to complete the course.

GameMaker Programming 1 - Skills Course

CREDIT: 0.5

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: One Semester

Students learn the concepts taught in a college-level "Programming 101" course, but all of the projects are games! Students receive an introduction to basic programming by building two dimensional (2D) games. GameMaker, the 2D game engine they interact with, is based on a scripting language that builds techniques which can be transferred to any other programming language such as Python, Java and C++. Students finish complete stand-alone executable games that can be played with friends and added to their digital portfolio. The student must be able to read and follow detailed on-screen instructions and be able to save and open network computer files independently.

COREQUISITE(S): This course must be completed on campus. The school district's software license for GameMaker only applies to computers on campus. Consequently students must schedule a cyber-lab period during their school day to complete the course.

Intro to French & French Culture

CREDIT: HOURS PER WEEK: 5
GRADE(S): 7 LENGTH: Nine Weeks

Introduction to French is a chance to become acquainted with a language which is considered important in business, education, and travel. Students are introduced to the language through simple conversations, group activities, and the use of authentic French materials. Students will also explore the cultures and customs of French speaking countries.

Intro to German & German Culture

CREDIT: HOURS PER WEEK: 5
GRADE(S): 7 LENGTH: Nine Weeks

In this course the student will be introduced to the German language and culture. Students practice to the language through oral repetition of everyday expressions, such as greetings, colors, days of the week and months of the year. Listening and speaking in the target language is expected.

Intro to Latin & Roman Culture

CREDIT: HOURS PER WEEK: 5
GRADE(S): 7 LENGTH: Nine Weeks

The curriculum in the course focuses on the development of grammar principles, vocabulary, and sentence construction through readings based on Roman civilization and mythology. Since over 60% of the English language has evolved from the elements of Latin, this course helps to improve one's working vocabulary.

Intro to Spanish & Spanish Culture

CREDIT: HOURS PER WEEK: 2.5
GRADE(S): 7 LENGTH: Full Year

This class is designed to expose students to the Spanish language and culture for a nine week period. During the nine weeks, topics such as greetings, numbers, alphabet, colors, food, and sports are covered. In addition, the geography and culture of Spanish speaking countries are explored. Instruction is delivered through a creative variety of oral, written, communicative and group activities.

French 1

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: Full Year

This hands-on course explores the French language while engaging students in a variety of activities. Students will develop basic proficiency in writing, listening, reading, and speaking. Both video and audio clips of native speakers are used to acclimate students to authentic accents. American and French cultures are examined to better understand the French language, the French people, and the American Culture in our global community. This course provides a solid foundation for further study of French. In addition, middle school students will incorporate technology into the language learning process.

German 1

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: Full Year

German 1 is designed to introduce the student to the language through spoken dialogues and cultural readings dealing with young people's daily life in Germany through communicative methods. Cultural and geographical points of interest which arise during the course of the year help students to understand and appreciate the German culture and language. Skills in listening comprehension and speaking are emphasized.

Latin 1

CREDIT: HOURS PER WEEK: 5

GRADE(S): 8 LENGTH: Full Year

Students begin their introduction to Latin with fundamental building blocks in four key areas including listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar which represents an ideal blend of language learning pedagogy and online learning. Each unit also includes cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.

Spanish 1

CREDIT: HOURS PER WEEK: 2.5

GRADE(S): 8 LENGTH: Full Year

Created to be a two-semester course for high schools students that allows for an individualized development of the Spanish language through the study of the core grammatical structures and the vocabulary necessary for elementary communication. Spanish I also provides students with an introduction into the traditions and customs of Spanish-speaking people across the world.

French 1

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: Full Year

Students will develop basic proficiency in writing, listening, reading, and speaking French. Students will learn to converse in everyday situations. These language concepts are introduced through thematic units which include getting to know you, school, activities and sports, community and food. The course also introduces the geography, customs, and cultures of the Francophone world. This course provides a solid foundation for further study of French.

French 2

CREDIT: 1.0

HOURS PER WEEK: 5

GRADE(S): 9 - 12

LENGTH: Full Year

French 2 continues to interweave reading, writing, listening and speaking skills at a more in-depth level so that students will reinforce and further their knowledge of the French language and culture. Students will continue demonstrate an understanding the practices and perspectives of the French culture while comparing them to their own.

French 3

CREDIT: 1.0

HOURS PER WEEK: 5

GRADE(S): 10 - 12

LENGTH: Full Year

The purpose of French 3 is to continue the development and improvement of the four language skills (listening, speaking, reading, and writing). There is a greater emphasis on speaking and listening skills; naturally, drills and pattern phrases are used along with the exercises in the basic grammar text for level three.

French 4

CREDIT: 1.0

HOURS PER WEEK: 5

GRADE(S): 11 - 12

LENGTH: Full Year

In addition to the programs used in French 3, the purpose of French 4 is to encourage original thinking, with greater emphasis on speaking, reading and writing skills. Students are expected to speak mostly in French. The speaking and reading is based on an anthology of history, culture and customs. There will be discussions about French history, modern French culture, and the regions of France.

German 1

CREDIT: 1.0

HOURS PER WEEK: 5

GRADE(S): 9 - 12

LENGTH: Full Year

German I introduces the students to the language and culture through spoken dialogues dealing with everyday situations such as, getting to know someone, traveling, numbers, the calendar and weather as well as customs. Cultural and geographical points of interest which arise during the course of the year help students communicate and connect with real life situations. Daily lessons include warm ups, vocabulary, basic grammar and small group activities. Upon completion of this course students will be able to continue with German level II.

German 2

CREDIT: 1.0

HOURS PER WEEK: 5

GRADE(S): 9 - 12

LENGTH: Full Year

Students taking German II will continue to broaden their skills in communicating, connecting and comparing the language in thematic units such as traveling, dining, schooling or expressing oneself. During level II, students will be required to understand and apply more complex grammatical rules during communication activities as well as in written form. They will discover many different forms of verbs and verb tenses. In German II, students can expect to provide and obtain information, express feelings and emotions, and exchange opinions as well as present information to a group of peers.

Spanish 1

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: Full Year

Students will develop a basic proficiency in listening, reading, and writing Spanish. Students will learn to converse in everyday situations. These language concepts are introduced through thematic units which include getting to know you, school, activities, and community. The course also introduces the geography, customs, and cultures of Spanish speaking countries. This academic course fulfills a first year language requirement. Upon successful completion of this course, students will advance to level 2 the following year.

Spanish 2

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: Full Year

In level 2 students continue to develop language skills in all four areas of communication: listening, reading, speaking and writing. At this level students expand their vocabulary knowledge and study more advanced grammar structures. Students will comprehend language at an increased level of complexity and speed. In addition, students develop an acceptance of diversity by exploring specific elements of the Latin-American culture.

Spanish 3

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: Full Year

Students enrolling in Spanish 3 will continue to develop their skills in listening, reading, and writing Spanish. Students will study topics such as technology, climate and nature, city, and the subjunctive mood of verbs. In Spanish III, students can expect to be challenged with advanced grammatical concepts and will be introduced to podcasts to provide and obtain information, express feelings and emotions, and exchange opinions.

Advanced Placement Spanish Language and Culture

CREDIT: 1.0

HOURS PER WEEK: 3.5

GRADE(S): 12

LENGTH: Full Year

The Advanced Placement Program in Spanish Language is intended for those motivated students who have chosen to develop and master their proficiency in all four language skills (listening, speaking, reading, and writing) in an intensive course, equivalent to that of a third-year college course in Advanced Spanish. Students who enroll should already have a well-developed knowledge of the language and culture of Spanish-speaking peoples and should have attained a reasonable proficiency in listening comprehension, speaking, reading, and writing. The course is taught almost exclusively in Spanish and the students are expected to speak entirely in Spanish as well. An approved professional must proctor the unit and cumulative exams on campus or off-site. The proctor agreement must be completed prior to beginning the course.

Latin 1

CREDIT: 1.0

HOURS PER WEEK: 5

GRADE(S): 9 - 12

LENGTH: Full Year

The curriculum of the Latin 1 course focuses on the development of grammar principles, vocabulary, and sentence construction through readings based on Roman civilization and mythology. Since more than 60% of the English language has evolved from the elements of Latin, this course helps to improve one's working vocabulary. It is recommended for college-bound students and for those students who are interested in a stronger classical background.

Latin 2

CREDIT: 1.0

HOURS PER WEEK: 5

GRADE(S): 9 - 12

LENGTH: Full Year

Latin 2 is also a readings-based course, consisting of 180 lesson days formatted in an intuitive calendar view, which represents an ideal blend of language learning pedagogy and online learning. Units consist of vocabulary themes and numerous interactive games reinforcing grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering significant aspects of Roman culture or their modern-day manifestations and assessments.

Mandarin Chinese 1

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: Full Year

This is a beginning level course that will introduce the student to a variety of areas of Mandarin Chinese (simplified). In this course, the student will learn listening, speaking, reading, and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Chinese speaking world and their culture, people, geographical locations and histories. The course is aligned to national Foreign Language standards. Learning activities in each unit are focused upon a specific theme including the following: Introduction to Chinese Language, Greetings, Numbers, My Family and School Life. This is an independent course please note that instruction is delivered by a non-Seneca Valley PA certified teacher. Seneca Valley staff cannot tutor or assist students with the content of the course.

Mandarin Chinese 2

CREDIT: 1.0

HOURS PER WEEK: 2.5

GRADE(S): 9 - 12

LENGTH: Full Year

This course is a continuation of a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading and writing skills through activities that are based on pedagogically proven methods of foreign language instruction. Throughout the five units of material (daily routine, animals, hobbies, the body, and descriptions), students learn to express themselves using an ever increasing vocabulary, present tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is sprinkled throughout the course in an attempt to help the learner focus on the Chinese speaking world and their culture, people, geographical locations and histories. The course is aligned to the national Foreign Language standards. Learning activities in each unit are focused upon a specific theme including the following: Students talking about what they like to do in their free time, Their daily activities using a wide range of vocabulary and reflexive verbs, Animals and things animals do, The parts of their body and their function, People and Culture. This is an independent course please note that instruction is delivered by a non-Seneca Valley PA certified teacher. Seneca Valley staff cannot tutor or assist students with the content of the course.
