



# ACE

DIGITAL ACADEMY

A CUSTOMIZED EDUCATION



## COURSE CATALOG

[www.acedigitalacademy.net](http://www.acedigitalacademy.net)

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**ACE Digital Academy is a flexible, customizable solution** used to provide online courses to school districts, students and families. ACE Digital Academy offers over 300 online courses, core subject areas, as well as a host of electives.

**Looking for online courses?** Many school districts use ACE Digital Academy as a solution to budget cuts, reduction in force, credit flex, credit recovery, and as a means to provide enrichment courses to students. School districts also use ACE Digital Academy as a method to recruit students that had previously enrolled elsewhere. ACE Digital Academy's library of online courses allows districts the ability to customize their offerings to suit individual needs.

**With more than 300 online courses for grades K-12**, a customizable gradebook, flexible grading methods, internal messaging, built-in assessments and more, districts have the flexibility to use ACE Digital Academy's online courses to fit individual needs. Plus, the entire ACE Digital Academy's website can be customized by you to look like your school and include functions unique to your school, including logos, colors, school announcements, lunch menus, etc.

**Features:**

- 300+ Courses
- Customizable Gradebook
- Teacher-Driven System
- Parent/Guest /Administrative Role
- Customizable Website
- Groups
- Message Center





# About the Founders

## WENDY HANASKY

**D**r. Wendy Hanasky began her career as a high school business teacher in Heath, Ohio. She has also taught at the Community College and Higher Education levels. Wendy worked at one of Ohio's Educational Service Centers for 11 years as the Director of Technology Services. She has now transferred her skills to co-create ACE Digital Academy, which is not a school, but an online curriculum provider to schools. Wendy earned her bachelor's degree in Comprehensive Business Education from Ohio University, a master's degree in Education Administration from Franciscan University, and a doctorate degree in Technology Education from West Virginia University. Wendy is married and has two children.

## MARIBETH ARLIA

**M**aribeth Arlia began her career as a high school business teacher in Bergholz, Ohio, where she taught for 5 years. She worked at one of Ohio's Educational Service Centers for 10 years as the Instructional Technology Coordinator. Maribeth has now transferred her skills to co-create ACE Digital Academy, an online course provider to schools grades K-12. Maribeth earned her bachelor's degree in Business Education from West Liberty University, and a master's degree in Business Administration from Wheeling Jesuit University. Maribeth is married and has three children.

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## ELEMENTARY

### KINDERGARTEN COURSES

#### English Language Arts - Grade K ..... 1.0 credit

The student will engage in a series of integrated exploratory and assessment activities that target the alphabet, concepts of print, active listening, and address the concepts of rhyme, rhythm, pattern, and syllables.

#### Math - Grade K ..... 1.0 credit

The student will recognize likenesses and differences between pairs of items. The student will sort objects by appearance (e.g., color, size, and shape), recognize items that are the same and different, and extend and identify a repeating pattern. The student will sort representations of living things by appearance, create items with given attributes, and recognize one-to-one correspondence.

#### Social Studies - Grade K ..... 1.0 credit

Social Studies brings topics to life illustrating their relevance to today's students in a way that is engaging and interactive. This course utilizes the following: maps, charts, graphs, quotations, and dialogue.

#### Science - Grade K ..... 1.0 credit

Science for primary grades gives students an interactive and engaging way to build scientific core knowledge and tie academic content to real-world exploration and application. This course utilizes: engaging activities in physics, chemistry, biology, and earth science; addresses science theory, principles, concepts, and real-world applications; and teaches students how to gather, organize, and interpret data.

### 1ST GRADE COURSES

#### English Language Arts - Grade 1 ..... 1.0 credit

The student will engage in a series of instructional assessment activities that target the sounds and letters of the alphabet. The student will build sight word vocabulary integrated with the sounds of the alphabet in a decodable story. The student will engage in a series of instructional assessment activities that teach vocabulary and comprehension skills and promote fluency and writing.

#### Math - Grade 1 ..... 1.0 credit

Math Grade 1 presents the following topics: number sense, fractions, operations, money, patterns, algebra, shapes, positions, using shapes, spatial sense, time length, weight, capacity, temperature, graphing, using data, and probability.

#### Social Studies - Grade 1 ..... 1.0 credit

Social Studies brings topics to life illustrating their relevance to today's students in a way that is engaging and interactive. This courses utilizes the following: interactive maps, charts,

graphs, quotations, and dialogue; includes world history, U.S. history, government, culture, geography, economics, and current events; includes extension topics in art, literature, science, and math and ties into thematic research projects that enable cross-curricular exploration.

#### Science - Grade 1 ..... 1.0 credit

Science for primary grades gives students an interactive and engaging way to build scientific core knowledge and tie academic content to real-world exploration and application. This course utilizes: engaging activities in physics, chemistry, biology, and earth science; addresses science theory, principles, concepts, and real-world applications; and teaches students how to gather, organize, and interpret data.

### 2ND GRADE COURSES

#### English Language Arts - Grade 2 ..... 1.0 credit

The student will engage in a series of instructional assessment activities that enhance reading, writing, and comprehension. The student will expand and apply knowledge of grade-level appropriate vocabulary.

#### Math - Grade 2 ..... 1.0 credit

Math Grade 2 presents the following topics: number sense, fractions, operations, money, patterns, algebra, geometry, positions, using shapes, spatial sense, time, length, weight, capacity, temperature, graphing, using data, probability.

#### Social Studies - Grade 2 ..... 1.0 credit

Social Studies brings topics to life illustrating their relevance to today's students in a way that is engaging and interactive. This course utilizes the following: interactive maps, charts, graphs, topics in art, literature, science, math and ties into thematic research projects that enable cross-curricular exploration.

#### Science - Grade 2 ..... 1.0 credit

Science for primary grades gives students an interactive and engaging way to build scientific core knowledge and tie academic content to real-world exploration and application. his course utilizes: engaging activities in physics, chemistry, biology, and earth science; addresses science theory, principles, concepts, and real-world applications; and teaches students how to gather, organize, and interpret data.

### 3RD GRADE COURSES

#### English Language Arts - Grade 3 ..... 1.0 credit

The student will apply comprehension strategies to literary and expository texts using think aloud prompts and scaffold support. The student will expand and apply knowledge of grade-level appropriate vocabulary.

**Math - Grade 3** ..... 1.0 credit  
Math Grade 3 presents the following topics: number theory and systems, addition and subtraction, multiplication and division, fractions and decimals, money, patterns, algebra, properties of shapes, coordinate geometry, transformations and symmetry, time, customary system, metric system, perimeter and area, display and interpret data, probability, problem-solving.

**Social Studies - Grade 3** ..... 1.0 credit  
Social Studies brings topics to life illustrating their relevance to today's students in a way that is engaging and interactive. This course utilizes the following: interactive maps, charts, graphs, topics in art, literature, science, math and ties into thematic research projects that enable cross-curricular exploration.

**Science - Grade 3** ..... 1.0 credit  
Science for primary grades gives students an interactive and engaging way to build scientific core knowledge and tie academic content to real-world exploration and application. This course utilizes: engaging activities in physics, chemistry, biology, and earth science; addresses science theory, principles, concepts, and real-world applications; and teaches students how to gather, organize, and interpret data.

#### 4TH GRADE COURSES

**English Language Arts - Grade 4** ..... 1.0 credit  
The student will apply comprehension strategies to literary and expository texts using think aloud prompts and scaffold support. The student will expand and apply knowledge of grade-level appropriate vocabulary.

**Math - Grade 4** ..... 1.0 credit  
Math Grade 4 presents the following topics: number theory and systems, addition and subtraction, multiplication and division, fractions and decimals, money, patterns, algebra, properties of shapes, coordinate geometry, transformations and symmetry, time, customary system, metric system, perimeter, area, and volume, display and interpret data, probability, problem-solving.

**Social Studies - Grade 4** ..... 1.0 credit  
Social Studies brings topics to life illustrating their relevance to today's students in a way that is engaging and interactive. This course utilizes the following: interactive maps, charts, graphs, topics in art, literature, science, math and ties into thematic research projects that enable cross-curricular exploration.

**Science - Grade 4** ..... 1.0 credit  
Science for primary grades gives students an interactive and engaging way to build scientific core knowledge and tie academic content to real-world exploration and application.

This course utilizes: engaging activities in physics, chemistry, biology, and earth science; addresses science theory, principles, concepts, and real-world applications; and teaches students how to gather, organize, and interpret data.

## MIDDLE SCHOOL

#### 5TH GRADE COURSES

**English 5** ..... 1.0 credit  
This course provides a solid foundation in spelling, vocabulary, grammar, literature and composition. At the same time, it introduces strategies for improving comprehension and organizational study skills and focuses on the classics of literature.

**Math 5** ..... 1.0 credit  
Students will review the various mathematical operations and properties; write and solve algebraic equations, expressions and patterns; work with fractions, decimals, ratios and percentages; study geometry and measurements; learn to use integers and number lines; graph data; answer probability questions; and put their math skills to practical use by constructing and solving a wide variety of word problems.

**Math 5 - mastery-based** ..... 1.0 credit  
Math 5 mastery-based uses artificial intelligence to build individualized courses for each student based upon his/her current knowledge level. The system "knows," with respect to each individual topic, whether each individual student has mastered that topic. If not, the student is offered a selection of only the topics he/she is ready to learn at the current time. This builds student confidence and learning momentum. Course topics include: whole numbers; fractions and proportions; decimals and percents; measurement, graphs, and probability; algebra; and geometry.

**Science 5** ..... 1.0 credit  
5th Grade Science introduces a wide array of topics from cell structures to planets. Students learn about many of life's wonders and will also get the chance to learn about some influential scientists of today. Weekly assignments may include reading from the textbook, answering questions, or conducting an experiment.

**Social Studies 5** ..... 1.0 credit  
This course focuses on the transition from a British colony to an independent nation based on the Declaration of Independence and the U.S. Constitution. The course also covers the Civil War and Industrialization. The course concludes with chapters on immigration and the United States today.



**5th Grade Health & Physical Education Portfolio** 1.0 credit  
The 5th Grade Health & Physical Education Portfolio combines a semester of PE with a semester of Health, all in a fun, online workbook format. Students choose their own physical education activities while completing worksheets on the human body.

## 6TH GRADE COURSES

**English 6** ..... 1.0 credit  
This course is divided into six units, each introduced and guided by award-winning contemporary authors who present students with literary concepts and discuss different writing processes using their own works as models.

**Math 6** ..... 1.0 credit  
This course is designed to provide students with a pedagogically sound math program. Topics covered include decimals, fractions, geometry, equations, proportions, measurement, and data analysis.

**Math 6 - mastery-based** ..... 1.0 credit  
Math 6 mastery-based uses artificial intelligence to build individualized courses for each student based upon his/her current knowledge level. The system “knows,” with respect to each individual topic, whether each individual student has mastered that topic. If not, the student is offered a selection of only the topics he/she is ready to learn at the current time. This builds student confidence and learning momentum. Course topics include: whole numbers; fractions and proportions; decimals and percents; measurement, graphs, and probability; algebra; and geometry.

**Science 6** ..... 1.0 credit  
Earth Science explores the systems of earth and how those systems function as an integrated whole. Topics include: rocks, minerals and soil, erosion, earthquakes and volcanoes, weather and climate, and ecosystems and energy. The course contains a combination of reading, review questions, research, experiments, projects, and tests.

**History 6 - Ancient Civilizations** ..... 1.0 credit  
Students will discover the places where ancient civilizations began, how geography influenced early cultures, and how early cultures have helped shape the world today. Locations examined include: Mesoamerica, Rome, Greece, China, India, Eastern Mediterranean, Mesopotamia, Egypt, and Kush.

**6th Grade Health & Physical Education Portfolio** 1.0 credit  
The 6th Grade Health & Physical Education Portfolio combines a semester of PE with a semester of Health, all in a fun, online format. Students choose their own physical education activities while completing activities about health.

## 7TH GRADE COURSES

**English 7** ..... 1.0 credit  
This course is divided into six units, each introduced and guided by award-winning, contemporary authors who present students with literary concepts and discuss different writing processes using their own works as models.

**Math 7** ..... 1.0 credit  
This course provides students with a solid preparation for algebra and geometry. Topics include: solving equations and inequalities containing fractions and decimals, ratios, linear functions, graphing, spatial thinking, finding area and volume of geometric figures, and right triangles.

**Math 7 - mastery-based** ..... 1.0 credit  
Math 7 mastery-based uses artificial intelligence to build individualized courses for each student based upon his/her current knowledge level. The system “knows,” with respect to each individual topic, whether each individual student has mastered that topic. If not, the student is offered a selection of only the topics he/she is ready to learn at the current time. This builds student confidence and learning momentum. Course topics include: whole numbers; fractions and proportions; decimals and percents; measurement, graphs, and probability; algebra; and geometry.

**Science 7** ..... 1.0 credit  
Life Science covers a broad range of subject matter including: scientific method, properties of light, cell structure, function, processes, energy, genetics and heredity, agricultural technology and genetic engineering, evolution and classification of organisms, geology, plate tectonics, seismology and geotechnical engineering, and the structure and function of the human body.

**Social Studies 7** ..... 1.0 credit  
Dynamic changes occurred throughout the world from 400 to 1800. The course addresses those changes through study of the geography, culture, economics, governing structures, belief systems and scientific discoveries of the times.

**7th Grade Health & Physical Education Portfolio** 1.0 credit  
The 7th Grade Health & Physical Education Portfolio combines a semester of PE with a semester of Health, all in a fun, online format. Students choose their own physical education activities while completing lessons and activities about health.

## 8TH GRADE COURSES

**English 8th** ..... 1.0 credit  
8th Grade English is a literature-based language arts course. The course contains six genre units: Fiction and nonfiction,

short stories, types of nonfiction, poetry, drama, and themes in American literature.

**Math 8 - Pre-Algebra** ..... 1.0 credit

This course provides students with a solid preparation for algebra and geometry. Students will build on previously developed arithmetic skills to expand their algebraic thinking skills. Students will cover topics including solving equations and inequalities containing fractions and decimals, ratios, linear functions, graphing, spatial thinking, finding area and volume of geometric figures, and right triangles.

**Math 8 - mastery-based** ..... 1.0 credit

Math 8 mastery-based uses artificial intelligence to build individualized courses for each student based upon his/her current knowledge level. The system “knows,” with respect to each individual topic, whether each individual student has mastered that topic. If not, the student is offered a selection of only the topics he/she is ready to learn at the current time. This builds student confidence and learning momentum. Course topics include: whole numbers and integers; rational numbers; proportion, percent, data and probability; variable expressions and equations; functions and graphs; exponents; and polynomials.

**Science 8 - Physical Science** ..... 1.0 credit

Students will learn about physical science, which encompasses a broad range of phenomena, generally focusing on nonliving things. How does a ball bounce? Is yeast alive or not? Which way do comet tails point? Can you make a shadow disappear? What happens when you breathe on a mirror? Can water and oil mix? What makes an object move in a circle? These are only a few questions to which students will be learning the answers.

**Social Studies 8** ..... 1.0 credit

This course focuses on the political, cultural and social development of the United States. The course begins with a brief review of early exploration and settlement, beginning with the prehistoric migration of Asiatic tribes, and concluding with the arrival of European settlers.

**8th Grade Junior High Health** ..... .5 credit

This course covers a variety of topics within the areas of disease prevention, human growth and development, substance abuse prevention, nutrition and the importance of taking responsibility for one’s health.

**8th Grade Health & Physical Education Portfolio** 1.0 credit

The Eighth Grade Physical Education and Health Portfolio combines a semester of PE with a semester of Health, all in a fun format. Students choose their own physical education

activities while studying the important health topics appropriate to the eighth grade.

## ELEMENTARY/MIDDLE SCHOOL ELECTIVES

**Coding I** .....5 credit

Do you find yourself wondering how your favorite apps, websites, and games were made? Maybe you want to try building your own. Well, now you can! In Middle School Coding 1a, you will learn all about the technology you use in your day-to-day life as well as explore how the internet functions. Get an introduction to the basics of computer science and discover how to create and build your very own website using HTML and CSS. You’ll also become familiar with programming languages like JavaScript and Python Programming. You will leave the course with your very own portfolio of work that will showcase your skills and all that you’ve created.

**Coding II** .....5 credit

We don’t always think about the role technology plays in our world but the truth is technology influences our everyday lives and affects how we relate to our friends, family, and even complete strangers. For those wanting to develop a greater understanding of this technology comes Middle School Coding 1b. Building on what you learned in Middle School Coding 1a, you’ll expand your knowledge of programming languages and web development and further explore Advanced Python, HTML, and JavaScript. You will also learn the difference between web development and web application development and continue to grow your portfolio, which will serve to highlight everything you have learned and created in the course.

**Game Design I** .....5 credit

Learn how to build a game from the ground up in Middle School Game Design 1, an interactive and hands-on course that will teach you all the ins and outs of making your own game. You will learn the importance of game structure and discover what makes a game fun, challenging, and interesting to players just like you. You will also have the opportunity to explore the design and creative process involved in game creation, learn block-based programs, and experiment with character and story development. As a bonus, you will leave the course with a digital portfolio of everything you created in class.

**Keyboarding: Elementary & Middle School** ..... 1.0 credit

This course follows a traditional keyboarding curriculum that is designed for middle school students. The curriculum content is current and updated regularly and is customized to meet the interests of today’s students, making the typing experience fun and engaging for all.



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**Middle School 2D Studio Art** ..... .5 credit

This course will teach you the design elements and principles needed to create a work of art, explore your artistic inspirations, travel back in time to look at art in different cultures, and gain insight about the art of critiquing.

**Middle School Career Exploration** ..... .5 credit

Students will explore career options in many different fields including business, health science, public administration, the arts, and information technology.

**Middle School Career Exploration II** ..... .5 credit

You'll learn more about what steps are needed to prepare for your career and how to compare the pros and cons of different career choices. Finally, you'll get the chance to try out parts of different careers to see if you're a perfect fit.

**Middle School Digital Art and Design** ..... .5 credit

In this course, you'll learn about the evolution of art, the basic principles of art and design, and the role of art in politics and society. Additionally, you will actually create your own digital art and make it come alive.

**Middle School Exploring Music** ..... .5 credit

You will learn about how we hear music and how music affects our lives. You will explore important elements of music like rhythm, pitch, and harmony, as well as different musical genres. You will discover more about your singing voice and musical instruments and composition while taking in the history and culture of music over the years.

**Middle School Fitness** ..... .5 credit

This course will help you understand the basics behind what it means to be physically fit; allow you to gain a deeper understanding about how your body functions; learn the complex science behind exercise; explore what it means to be mindful and what inspires you; and determine how you can test your current level of fitness.

**Middle School Journalism** ..... .5 credit

Who? What? When? Where? In this course, students will learn how to gather information, organize ideas, format stories for different forms of news media, and edit their stories for publication.

**Middle School Photography** ..... 1.0 credit

In this course, students learn and apply fundamental skills to use a camera and take photographs of animals, people, and landscapes. Students gain an understanding of how photography can be a means of documentation or high art. Students examine photographic careers and explore self-reflection to progress their creative growth as they develop a photographic portfolio.

**Foreign Language – Grades K-8**

All languages – Available upon request

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## HIGH SCHOOL COURSES

### ENGLISH/LANGUAGE ARTS

#### **American Literature**

**Grades 9-12**

1.0 credit

Presented in anthology form, this course helps students develop the tools and perspectives necessary to read American literature with care, understanding and enjoyment. The course includes the historical development of American literature from the colonial period to the 20th century. It combines a carefully selected collection of short stories, essays, poems, and plays with a comprehensive guide to writing essays and reports.

#### **American Literature - Honors**

**Grades 9-12**

1.0 credit

This course is a reading and writing intensive version of our American Literature course. (See the American Literature description for detailed information.)

#### **British Literature**

**Grades 9-12**

1.0 credit

Through the voices of a diverse group of authors, thinkers and prominent political and cultural figures, British Literature surveys the history of the English language from the Old English period through the contemporary writers of today. Through the careful study of poetry, prose, essay, drama and other literary genres, students refine the skills of critical thinking and rhetoric with thought-provoking writing and research assignments.

#### **Creative Writing**

**Grades 9-12**

.5 credit

This course provides students with a solid foundation of the writing process with exposure to the core writing types in a creative manner. Students will search for inspiration by exploring various fictional genres, while experimenting with important literary devices such as mood, tone, point of view, foreshadowing, etc. Students will write dialogue, explore poetry, delve into the world of journalism, and create their own short story masterpiece. In this course, students will learn how to channel their creativity into works of literary art.

#### **Drama in Literature**

**Grades 9-12**

.5 credit

In this course, students look at some of the great periods of creativity in theater and read influential dramas from major literary periods. In addition to reading plays, students study elements of stagecraft and production during each major dramatic period and read author biographies. Drama in Literature can be combined with Shakespearean Literature to make a full year (2-semester) course.

#### **Drama in Literature - Honors**

**Grades 9-12**

.5 credit

This course is a reading and writing intensive version of our Drama in Literature course. Students read dramatic works from various historical periods, including Classical Greece, the Renaissance, the Enlightenment, the Victorian Era, and the 20th Century. For their final projects, students write and critique their own dramatic plays. Honors Drama Literature can be combined with Honors Shakespearean Literature to make a full year (2-semester) course.

#### **English Fundamentals**

**Grades 9-12**

1.0 credit

English Fundamentals provides students with a broad overview of ancient literature from the earliest oral tradition of fable through classical Greek literature in The Odyssey. Students read a wide variety of short stories, writing persuasive and comparison/contrast essays. Students study various forms of poetry. They read Romeo and Juliet, then move into a creative writing unit and finish with a book report. Throughout the course, students engage in grammar lessons and systematic vocabulary development exercises.

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**English Fundamentals - Honors**  
**Grades 9-12**

1.0 credit

This course is a reading and writing intensive version of our English Fundamentals course. Students read classic and contemporary literature, including excerpts from *The Odyssey*, *The Call of the Wild*, and the works of O'Henry, Mark Twain, and William Shakespeare.

**CR English Fundamentals**  
**Grades 9-12**

1.0 credit

This is a less rigorous version of the English Fundamentals course, with added photographs, multimedia, and 20 to 25 questions per lesson, in addition to a weekly essay question. This course has added topics on writing mechanics, vocabulary, and a "reader's response" section to prompt literary analysis.

**English Internet Explorations A**  
**Grades 9-12**

1.0 credit

English Internet Explorations A integrates the core subjects of English, Science and Social Studies in a fun, lively course. Students polish their reading and writing skills while visiting exciting websites. Assignments regularly include creative writing projects. This is a good English course for students without strong English skills.

**English Internet Explorations B**  
**Grades 9-12**

1.0 credit

English Internet Explorations B is a popular follow-up to English Internet Explorations A. Topics include: raptors, the Ben Franklin Museum, volcanoes and Godzilla. Assignments regularly include creative writing. This is a good English course for students without strong English skills.

**Gothic Literature**  
**Grades 9-12**

.5 credit

This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment. Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented.

**Journal Writing**  
**Grades 9-12**

.5 credit

Journal Writing encourages students to express themselves through thoughtful written responses to a variety of topics. Topics are introduced via such methods as excerpts from prose and poetry, quotes from important historical figures, and other meaningful prompts and channels for reflection.

**Journalism I**  
**Grades 9-12**

.5 credit

In this course, you'll learn how to write a lead that grabs your readers, how to write engaging news stories and features, and how to interview sources. You'll also learn about the history of journalism, how to succeed in the world of social media news, and how to turn your writing, photography, and people skills into an exciting and rewarding career.

**Journalism II**  
**Grades 9-12**

.5 credit

Building on the prior prerequisite course, go beyond the world of print and discover how journalism can lead to exciting careers that will put you right in the action. Learn how to cover important events while honing your research and observational skills. Discover how journalism can shape your future and others.

**The Lord of the Rings**  
**Grades 9-12**

.5 credit

Students will study the movie versions of J.R.R. Tolkien's novel and learn about the process of converting literature to film. You will explore fantasy literature as a genre and critique the three Lord of the Rings films.

**Mythology & Folklore**  
**Grades 9-12**

.5 credit

This course begins with an overview of mythology and different kinds of folklore. Students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

**Shakespearean Literature**  
**Grades 9-12**

.5 credit

Shakespearean Literature is designed to introduce students to the works of Shakespeare, as well as stimulate those who are familiar with his style of writing. Shakespearean Literature can be combined with Drama in Literature to make a full year (2-semester) course.

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**Shakespearean Literature - Honors**  
**Grades 9-12**

.5 credit

This course is a reading and writing intensive version of our Shakespearean Literature course. Students study and interpret the works of William Shakespeare, such as Hamlet, A Midsummer Night's Dream, and Romeo and Juliet. Honors Shakespearean Literature can be combined with Honors Drama Literature to make a full year (2-semester) course.

**World Literature**  
**Grades 9-12**

1.0 credit

Students read short stories, poetry, drama, biographies, and essays about people and places in other countries. Themes help students bridge the gap between their own and other cultural and historical contexts. Expanded sections on contemporary, European, African, and Asian literature enrich students' perspectives of today's global society.

**World Literature - Honors**  
**Grades 9-12**

1.0 credit

In this reading and writing intensive version of our World Literature course, students read works such as Beowulf, The Epic of Gilgamesh, The Iliad, and other time-tested tales.

**World Mythology**  
**Grades 9-12**

1.0 credit

Students will explore creation myths, trickster tales, and hero journeys from all around the globe. Each lesson will examine a different myth in an integrated study of history, culture, literature, and the arts. World Mythology is an engaging English course for students who like to use their imaginations.

**Writing From Mythology**  
**Grades 9-12**

1.0 credit

The plots, characters and themes of myths are explored and students use their knowledge of the myths as a foundation for their own creative writing. Classical Greek mythology is the main focus of the course, giving students important foundational knowledge about these themes that are ever-present in literature and art.

**Writing Tutorials**  
**Grades 9-12**

.5 credit

The following types of essays are analyzed and practiced: compare/contrast, persuasive, eyewitness report, critical review, reflective, interpretive, narrative prose, and research. Students learn to develop the writing process.

**MATH**

**Algebra I**  
**Grades 9-12**

1.0 credit

This course teaches the concepts of introductory algebra in a visually captivating, interactive learning environment. Innovative activities relate mathematics to the real world and include sound, animation, and instant feedback. Topics include: absolute values, rational and irrational numbers, the four basic arithmetical operations, graphs, the point-slope formula and solving word problems as algebraic expressions.

**Algebra I – mastery-based**  
**Grades 9-12**

1.0 credit

This course uses artificial intelligence (AI) to map the details of each student's knowledge. The course "knows," at each moment, with respect to each individual topic, whether each individual student has mastered that topic. The course uses this knowledge to make learning more efficient and effective by continuously offering the student a selection of only the topics he/she is ready to learn at the current time. This builds student confidence and learning momentum. Algebra I is a standards-based course that provides comprehensive coverage of the Common Core and State Standards (CCSS). It focuses on the algebra concepts and prerequisites typically covered in an Algebra 1 course including arithmetic readiness; real numbers; linear equations; linear inequalities; functions and lines; systems; exponents; polynomials and factoring; quadratic functions and equations; radicals; rational expressions; data analysis and probability.

**Algebra II**  
**Grades 9-12**  
1.0 credit

Elaborating on the lessons learned in Pre-Algebra and Algebra I, Algebra II broadens its scope to include the essential topics needed to be successful in College Algebra, Pre-Calculus, or Trigonometry. Topics include: functions, logarithmic functions, exponential functions, complex numbers, and more.

**Algebra II Equivalent**  
**Grades 9-12**  
1.0 credit

This course meets the “equivalent” requirements for graduation. Elaborating on the lessons learned in Pre-Algebra and Algebra I, Algebra II equivalent broadens its scope to include the essential topics needed to be successful in Algebra II, Pre-Calculus, or Trigonometry. Topics include: functions, logarithmic functions, exponential functions, complex numbers, and more.

**Basic Math/Integrated Math**  
**Grades 9-12**  
1.0 credit

This course is designed for students who need to gain skills in Basic Math and Pre-Algebra. The course covers all the essential topics needed to be successful in future algebra courses. Topics include: fractions, order of operation, decimals, conversion of units, word problems, topics from geometry, and more.

**Basic Math/Math Intervention**  
**mastery-based**  
**Grades 9-12**  
1.0 credit

This course uses artificial intelligence (AI) to map the details of each student’s knowledge. The course “knows,” at each moment, with respect to each individual topic, whether each individual student has mastered that topic. It uses this knowledge to make learning more efficient and effective by continuously offering the student a selection of only the topics he/she is ready to learn at the current time. This builds student confidence and learning momentum. Basic Math/Math Intervention provides effective intervention for math students at almost any level. Topics of Intervention include: whole numbers; fractions; decimals; geometry; measurement and data; and algebra.

**Calculus**  
**Grades 9-12**  
1.0 credit

This course includes: algebra and geometry review; functions and graphs; polynomial and rational functions; exponential and logarithmic functions; trigonometry; systems of linear equations and matrices; sequences, series, and probability; conic sections; limits; and continuity.

**Foundations of High School Math**  
**mastery-based**  
**Grades 9-12**  
1.0 credit

This course uses artificial intelligence (AI) to map the details of each student’s knowledge. The course “knows,” at each moment, with respect to each individual topic, whether each individual student has mastered that topic. It uses this knowledge to make learning more efficient and effective by continuously offering the student a selection of only the topics he/she is ready to learn at the current time. This builds student confidence and learning momentum. This course is intended to develop mastery of the full breadth of middle school math concepts to facilitate success in high school mathematics, including algebra and geometry courses. Topics covered include whole numbers and integers; rational numbers; measurement, proportion, percents, and probability; variable expressions and equations; functions and graphs; and geometry.

**Geometry**  
**Grades 9-12**  
1.0 credit

Plane Geometry presents concepts of Euclidean space, proofs using deductive reasoning, an introduction to three-dimensional space, and applications of two- and three-dimensional spaces. Topics include: logic and proof; properties of triangles, polygons and circles; area and perimeter; surface area; and volume.

**Geometry – mastery-based**  
**Grades 9-12**  
1.0 credit

This course uses artificial intelligence (AI) to map the details of each student’s knowledge. The system “knows,” at each moment, with respect to each individual topic, whether each individual student has mastered that topic. It uses this knowledge to make learning more efficient and effective by continuously offering the student a selection of only the topics



**Introduction to Statistics**  
**mastery-based**  
**Grades 9-12**

1.0 credit

he/she is ready to learn at the current time. This builds student confidence and learning momentum. Geometry offers comprehensive, standards-based coverage, and includes reporting against the Common Core Standards. Topics covered in geometry include: algebra and deductive reasoning; lines and angles; triangles; polygons and circles; similarities and transformations; volumes and surface areas; and coordinate geometry.

Students navigate learning paths based on their level of readiness. This course covers the following topics shown below: numbers, algebraic expressions, linear equations, lines in the coordinate plane, descriptive statistics, counting, and probability.

**Math for College Success**  
**mastery-based**  
**Grades 9-12**

1.0 credit

Math for College Success prepares students to achieve success in college mathematics by developing thorough mastery of the algebra topics necessary for students to progress into Intermediate Algebra and to transition to the rigors of college mathematics.

**Math Proficiency**  
**Grades 9-12**

.5 credit

Topics include: arithmetic, measurement, geometry, data analysis and basic algebra. The course also provides test-taking strategies and sample test problems.

**Pre-Algebra**  
**Grades 9-12**

1.0 credit

Pre-Algebra is an engaging blend of animated and interactive learning activities, graphically enhanced instruction, and written explanation. The course covers the following areas in detail to prepare students for Algebra 1: types of numbers, estimation, order of operations, negatives and absolute values, calculating with negative numbers, fractions, decimals and percent basics (applying to real-world situations), algebraic reasoning (inductive and deductive), sequences and patterns, how to approach and solve complex problems, working with exponents, and powers and working with roots.

**Pre-Calculus**  
**Grades 9-12**

1.0 credit

Students navigate learning paths based on their level of readiness. This course includes the following topics: algebra/geometry review, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometry, systems of linear equations and matrices, sequences, series, and probability, conic sections, limits and continuity.

**Survival Math**  
**Grades 9-12**

.5 credit

Students identify and practice skills essential to independent living. Exercises provide challenges in day-to-day living, including purchases, living expenses, health care decisions, and future planning to improve real-world knowledge and build self-confidence.

**Trigonometry**  
**Grades 9-12**

1.0 credit

Course topics include: angles, sides of triangles, right triangles, circular functions, degree/radian measures of angles, trigonometric functions of angles, inverse functions, identities, graphic representations of trigonometric functions, solutions of right and oblique triangles equations, vectors, complex numbers, and polar coordinates.

## **SCIENCE**

**Anatomy & Physiology I**  
**Grades 9-12**

.5 credit

Starting with the relationship between anatomy and physiology, students will then learn about cell structure and their processes. Learners will also discover the functions and purposes of the skeletal, muscular, nervous, and cardiovascular systems, as well as diseases that affect those systems. Focusing on terminology, this course is essential to students pursuing the health sciences or wanting to gain a greater sense of how the human body works.

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**Anatomy & Physiology II****Grades 9-12**

.5 credit

Students will learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and the endocrine systems. The reproductive system is also discussed along with hereditary traits and genetics. Finally, students will explore the importance of accurate patient documentation as well as technology used in the industry.

**Agriscience I****Grades 9-12**

.5 credit

Students will learn about the development and maintenance of agriculture, animal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade.

**Agriscience II****Grades 9-12**

.5 credit

In Agriscience II, you'll build on your existing knowledge of plant science and delve deeper into important areas such as soil science and weed management. You'll learn more about horticulture and plant science trends from creating hybrid species to growing edible plants in unlikely places.

**Astronomy****Grades 9-12**

.5 credit

This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars.

**Biology****Grades 9-12**

1.0 credit

This course teaches students the fundamental concepts of biology. Topics include: the characteristics of life, basic chemistry, animal life, plant life, reproduction and development, genetics, evolution, diversity, and ecology. Biology includes weekly thought-provoking questions answered in essay form. Students also complete semester term papers on a chosen topic.

**Biology - Honors****Grades 9-12**

1.0 credit

Honors Biology is a research and writing-intensive version of our regular Biology course. (See the Biology description for detailed information.).

**CR Biology****Grades 9-12**

1.0 credit

This course teaches students the fundamental concepts of biology. Topics include: the characteristics of life, basic chemistry, animal life, plant life, reproduction and development, genetics, evolution, diversity of living things, and ecology. Through investigation and activities, students gain firsthand experience with such learning skills and processes as observing, classifying, identifying, measuring, inferring, hypothesizing, interpreting, and predicting.

**Biotechnology I****Grades 9-12**

.5 credit

Students will explore the science behind biotechnology and how this science is being used to solve medical and environmental problems.

**Biotechnology II****Grades 9-12**

.5 credit

Explore the discovery of antibiotics and the concerns of antibiotic resistance while also examining the agricultural, pharmaceutical, and genetic applications of biotechnology. Finally, learn about the future of biotechnology to understand the depth and breadth of this field.

**Chemistry****Grades 9-12**

1.0 credit

This course includes: math and algebra; atomic theory and atomic structure; chemical bonding; states of matter; reactions and stoichiometry; kinetics and equilibrium; thermodynamics; descriptive chemistry; and laboratory.

**Criminology****Grades 9-12**

.5 credit

In this course, students will study the field of Criminology – the study of crime. Students will look at possible explanations for crime from the standpoint of psychological, biological, and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds.

**Earth Science**  
**Grades 9-12**  
.5 credit

Students learn the critical importance of scientific developments in today's world through gaining basic knowledge of earth science. Topics include early Earth, geological history, fossils, minerals and rocks, plate tectonics, earthquakes, volcanoes, the carbon and nitrogen cycles, the atmosphere, the ozone layer, the greenhouse effect, weather, climate, air and ocean circulation patterns, the solar system, our galaxy, and beyond.

**Earth Science - Honors**  
**Grades 9-12**  
.5 credit

This is a rigorous version of the Earth Science course. (See the Earth Science description for detailed information.) Honors Earth Science can be combined with Honors Oceanography to make a full year (2-semester) course.

**Environmental Science**  
**Grades 9-12**  
.5 credit

Study of the Environment examines the interrelationships among humans and the natural world. Main topics include: ecosystems, land resources, water resources, biodiversity, pollution, waste and waste reduction, energy, and sustainable development.

**Forensic Science I**  
**Grades 9-12**  
.5 credit

This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

**Forensic Science II**  
**Grades 9-12**  
.5 credit

This course focuses on the analysis of evidence and testing that takes place within this setting. Students will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis.

**General Science**  
**Grades 9-12**  
1.0 credit

General Science offers students a fun, introduction to the world of science. The course covers several different branches of science, including topics such as: hurricanes, weather stations, lasers, magnets, hummingbirds, polar bears and botanical gardens.

**Great Minds in Science**  
**Grades 9-12**  
.5 credit

This course focuses on 10 of today's greatest scientific minds. Each unit takes an in-depth look at one of these individuals, and shows how their ideas may help to shape tomorrow's world.

**Integrated Science**  
**Grades 9-12**  
1.0 credit

This course gives students a basic understanding of how to navigate and search for information on the Web. After taking this course, the Internet will be a familiar resource tool for research and explorations.

**Oceanography**  
**Grades 9-12**  
.5 credit

Students study the ecology and diversity of the world's oceans, with particular attention paid to the complex interactions among all marine life, from the smallest microorganism to the largest sea mammal. Topics include: life in the sea, deep sea exploration, marine mammals, coastal ecosystems, and the sea floor.

**Oceanography - Honors**  
**Grades 9-12**  
.5 credit

Honors Oceanography is a research and writing-intensive version of the Oceanography course. (See the Oceanography description for detailed information.) Honors Oceanography can be combined with Honors Earth Science to make a full year (2-semester) course.

**Physical Science**  
**Grades 9-12**  
1 credit

This inquiry-and lab-based course is designed to support modern science curriculum and teaching practices. Content topics include structure and properties of matter, chemical reactions, forces and motion, force fields, energy, and waves.

Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a significant number of hands-on lab activities.

**Physics**  
**Grades 9-12**  
1.0 credit

This course introduces students to the fundamental principles of physics. Each lesson provides comprehensive coverage of a specific concept or topic. Some of the concepts and laws of physics covered include: mechanics, properties of matter, heat, sound and light, electricity and magnetism, and atomic and nuclear physics.

**Veterinary Science**  
**Grades 9-12**  
.5 credit

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Students will examine pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries. This course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times...we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues is studied and applied.

## **SOCIAL STUDIES**

**African American Studies**  
**Grades 9-12**  
.5 credit

In this course, you'll learn about the political, economic, social, religious, and cultural factors that have influenced African American life, come face to face with individuals who changed the course of history, and explore how the African American story still influences current events today.

**Anthropology I**  
**Grades 9-12**  
.5 credit

This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys to different areas of the anthropological world are just one of the powerful learning tools utilized in this course.

**Anthropology II**  
**Grades 9-12**  
.5 credit

This course continues the study of global cultures and the ways that humans have made sense of their world. Students will examine some of the ways that cultures have understood and gave meaning to different stages of life and death. The course will also examine the creation of art within cultures and examine how cultures evolve and change over time.

**Archaeology**  
**Grades 9-12**  
.5 credit

This course focuses on this techniques, methods, and theories that guide the study of the past. Students will learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students will learn about the relationship of material items to culture and what we can learn about past societies from these items.

**American History**  
**Grades 9-12**  
1.0 credit

This course visits aspects of American history and provides a well-rounded, comprehensive depiction of events from the American Revolution to modern times. Students review many photographs, maps, and speeches from different time periods, as well as cultural descriptions.

**American History - Honors**  
**Grades 9-12**  
1.0 credit

Honors American History offers a reading and writing-intensive version of the American History course. Students explore a variety of dynamic, informative websites to gain a comprehensive understanding of events from the American Revolution to modern times.

**CR American History**  
**Grades 9-12**  
1.0 credit

This course is a less rigorous version of American History. It visits aspects of American history and provides a well-rounded, comprehensive depiction of events from the American Revolution to modern times. Students review many photographs, maps, and speeches from different time periods, as well as cultural descriptions.

**Economics**  
**Grades 9-12**  
.5 credit

In addition to studying the primary types of economic systems, laws of supply and demand, and other key economic concepts, students learn about the effect that jobs, earnings, and career decisions have on their buying power and quality of life. Students also explore the role that an increasingly global market plays in their daily lives. Economics can be combined with U.S. Government to make a full year (2-semester) course.

**Government**  
**Grades 9-12**  
.5 credit

U.S. Government provides students with a basic understanding of American government. Topics include: the roots of democracy, the judiciary system and the law, interest groups in government, landmark Supreme Court cases, civil rights, and individual liberties. Diverse online resources make this course informative and engaging. U.S. Government can be combined with Economics to make a full year (2-semester) course.

**History of the Holocaust**  
**Grades 9-12**  
.5 credit

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics.

**Human Geography**  
**Grades 9-12**  
.5 credit

Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form, and learn how beliefs and architecture are part of a larger culture complex.

**Law & Order**  
**Grades 9-12**  
.5 credit

This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

**National Security**  
**Grades 9-12**  
.5 credit

In National Security, you will have the opportunity to learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats.

**Philosophy - Introduction**  
**Grades 9-12**  
.5 credit

This course will take students on an exciting adventure covering more than 2,500 years of history. Students will learn about great thinkers, and come to see how and where many of the most fundamental ideas of Western Civilization originated.

**Psychology I**  
**Grades 9-12**  
.5 credit

Self-knowledge is the key to self-improvement! Sample topics include the study of infancy, childhood, adolescence, perception, and states of consciousness. Amazing online psychology experiments dealing with our own personal behavior are featured within this course.

**Psychology II**  
**Grades 9-12**  
.5 credit

Enrich the quality of your life by learning to understand the actions of others. Topics include the study of memory, intelligence, emotion, health, stress, and personality. This course features exciting online psychology experiments involving the world around us.

**Social Problems I**  
**Grades 9-12**  
.5 credit

Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context.

**Social Problems II**  
**Grades 9-12**  
.5 credit

Social Problems II continues to examine timely social issues affecting individuals and societies around the globe. Students learn about the overall structure of the social problem as well as how it impacts their lives. Each unit focuses on a particular social problem, including racial discrimination, drug abuse, the loss of community, and urban sprawl, and discusses possible solutions at both individual and structural levels.



**Sociology I**  
**Grades 9-12**  
.5 credit

Students will examine social problems in our increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.

**Sociology II**  
**Grades 9-12**  
.5 credit

Sociology is the study of people, social life, and society. By developing a “sociological imagination,” students will be able to examine how society itself shapes human action and beliefs...and how in turn these factors reshape society itself.

**World Cultures**  
**Grades 9-12**  
1.0 credit

Rich with primary source excerpts and cultural vignettes, this course provides a tour of the history, cultures, and environments of the seven continents. The study of geography is further enhanced with access to maps, diagrams, and related cultural information.

**World History**  
**Grades 9-12**  
1.0 credit

World History encourages students to use multimedia to establish a chronology and understanding of influential historical events. Topics include: the beginning of civilization, civilizations of the Mediterranean world, Asian history, the early modern world, the emergence of modern nations, the development of industrial society, and world wars in the 20th Century.

**World History - Honors**  
**Grades 9-12**  
1.0 credit

Honors World History offers a reading and writing-intensive version of the World History course. The course enables students to examine and interpret influential historical events.

**CR World History**  
**Grades 9-12**  
1.0 credit

CR World History is a less rigorous version of World History. This course encourages students to establish an understanding of influential historical events. Topics include: the beginning of civilization, civilizations of the Mediterranean world, Asian history, the early modern world, the emergence of modern nations, the development of industrial society, and world wars in the 20th Century.

**World Religions**  
**Grades 9-12**  
.5 credit

Throughout the ages, religions from around the world have shaped the political, social, and cultural aspects of societies. This course focuses on the major religions that have played a role in human history, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism, and Taoism.

## FOREIGN LANGUAGE

**French I**  
**Grades 9-12**  
1.0 credit

Students begin their introduction to French with fundamental building blocks in four key areas of world-language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary, not only in written form but also through ear training that leads quickly to oral production. An ongoing adventure story introduces vocabulary and grammar topics, prompting students to use skills from the four language-learning areas. Students learn fundamental grammar as embedded in authentic spoken language. Engaging graphics, videos, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**French II**  
**Grades 9-12**  
1.0 credit

In this continuing introduction to French, students deepen their focus on four key skills in world-language acquisition: listening comprehension, speaking, reading, and writing. A continuing storyline introduces and reinforces new vocabulary, while activities prompt students to analyze meaning from context, reproducing new vocabulary items in functional real-life oral expression. Additional verb tenses and idiomatic expressions are also introduced. As in French I, students learn grammar through supplemental texts

**French III**  
**Grades 9-12**  
1.0 credit

supplying traditional charts, tables, and explanations. Engaging graphics, videos, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

Intermediate French students who have a strong base in vocabulary, speaking, and listening skills reach a new level of mastery and fluency in this course. Through games and compelling stories, students learn advanced grammar and vocabulary, with an emphasis on correct accents and comprehension of real-world native speech. Error-recognition technology helps students eliminate common mistakes from their speaking and writing. Engaging graphics, video, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**French IV**  
**Grades 9-12**  
1.0 credit

Deepen your understanding of the language as you build on your success achieved in Levels I, II, and III. Main topics of this course include: tourism and recreation, professions and hobbies, at home and around town, and style and personal wellness.

**French V**  
**Grades 9-12**  
1.0 credit

Develop command of the language as you refine the crucial communication skills you acquired in Levels I-IV. Main topics in this course include: business and industry, arts and academics, emergency situations, and family and community.

**German I**  
**Grades 9-12**  
1.0 credit

Students begin their introduction to German with fundamental building blocks in four key areas of world-language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary, not only in written form but also through ear training that leads quickly to oral production. An ongoing adventure story introduces vocabulary and grammar topics, prompting students to use skills from the four language-learning areas. Students learn fundamental grammar as embedded in authentic spoken language. Engaging graphics, video, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**German II**  
**Grades 9-12**  
1.0 credit

In this continuing introduction to German, students deepen their focus on four key skills in world-language acquisition: listening comprehension, speaking, reading, and writing. A continuing storyline introduces and reinforces new vocabulary, while activities prompt students to analyze meaning from context, and then reproduce new vocabulary items in functional real-life oral expression. Additional verb tenses and idiomatic expressions are also introduced. As in German I, students learn grammar through supplemental texts supplying traditional charts, tables, and explanations. Engaging graphics, videos, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**German III**  
**Grades 9-12**  
1.0 credit

Connect with the world around you by building on the language fundamentals and conversational skills you developed in Levels I and II. Main topics of this course include: home and health, life and world, places and events, and talking about the world.

**German IV**  
**Grades 9-12**  
1.0 credit

Deepen your understanding of the language as you build on your success achieved in Levels I, II, and III. Main topics of this course include: tourism and recreation, professions and hobbies, at home and around town, and style and personal wellness.

**German V**  
**Grades 9-12**  
1.0 credit

Develop command of the language as you refine the crucial communication skills you acquired in Levels I-IV. Main topics in this course include: business and industry, arts and academics, emergency situations, and family and community.

**Japanese I**  
**Grades 9-12**  
1.0 credit

Build a foundation of fundamental vocabulary and essential language structure. Main topics of this course include: language basics, family and friends, work and school, and shopping.

**Japanese II**  
**Grades 9-12**  
1.0 credit

Navigate your surroundings and build on the vocabulary and essential language structure learned in Level I. Main topics of this course include: travel, past and future, friends and social life, and dining and vacation.

**Japanese III**  
**Grades 9-12**  
1.0 credit

Connect with the world around you by building on the language fundamentals and conversational skills you developed in Levels I and II. Main topics of this course include: home and health, life and world, places and events, and talking about the world.

**Latin I**  
**Grades 9-12**  
1.0 credit

The Latin I course allows the students to learn an ancient, “dead” language in a modern, lively manner. The course includes the fundamental building blocks of world-language study: reading, writing, listening comprehension, and speaking. Students learn Latin vocabulary while enhancing their own vocabulary through derivatives with common Latin roots and are exposed to a wide range of grammar patterns that bolster their understanding of how languages work.

**Latin II**  
**Grades 9-12**  
1.0 credit

The Latin II course continues the study of the ancient language in a modern manner. The course is centered around mythology. Every two weeks a new myth, written in Latin, is introduced, which drives the weekly vocabulary, grammar lessons, and culture lessons. The weekly lessons stress the fundamental building blocks of world-language study: reading, writing, listening comprehension, and speaking.

**Latin III**  
**Grades 9-12**  
1.0 credit

Connect with the world around you by building on the language fundamentals and conversational skills you developed in Levels I and II. Main topics of this course include: home and health, life and world, places and events, and talking about the world.

**Mandarin Chinese I**  
**Grades 9-12**  
1.0 credit

Students use compelling stories, games, videos, and multimedia experiences in this introduction to Chinese. They learn the elegant simplicity of Chinese grammar and the subtleties of Chinese pronunciation through entertaining lessons that give a base of conversational ability and listening comprehension. Students build a foundation for reading and writing in the Chinese language through an adaptive technology that lets them choose an approach that works best for them. Engaging graphics, videos, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**Mandarin Chinese II**  
**Grades 9-12**  
1.0 credit

Students continue with engaging stories, games, videos, and multimedia experiences in this second level of Chinese. Students further their understanding of Chinese grammar and pronunciation through lessons refining previous practice of conversational ability and listening comprehension. Innovative cultural videos and lessons build awareness of the rich legacy of Chinese culture. Students expand their foundation for reading and writing in Chinese through adaptive technology, providing opportunities to generate fun narratives, a range of well-formed sentences reflecting a solid grasp of grammar structures, and a wide vocabulary. Engaging graphics, videos, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**Mandarin Chinese III**  
**Grades 9-12**  
1.0 credit

Connect with the world around you by building on the language fundamentals and conversational skills you developed in Levels I and II. Main topics of this course include: home and health, life and world, places and events, and talking about the world.

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**Mandarin Chinese IV****Grades 9-12**

1.0 credit

Deepen your understanding of the language as you build on your success achieved in Levels I, II, and III. Main topics of this course include: tourism and recreation, professions and hobbies, at home and around town, and style and personal wellness.

**Mandarin Chinese V****Grades 9-12**

1.0 credit

Develop command of the language as you refine the crucial communication skills you acquired in Levels I-IV. Main topics in this course include: business and industry, arts and academics, emergency situations, and family and community.

**Sign Language I****Grades 9-12**

.5 credit

Sign Language I is for beginners. Learn the importance of Sign Language and how to start and end a conversation during our beginning Sign Language course. The 10 lesson course also goes over meeting people.

**Sign Language II****Grades 9-12**

.5 credit

The sign language lessons also highlight how to communicate with the deaf community. The course can take up to 6 months to complete.

**Sign Language III****Grades 9-12**

.5 credit

The intermediate online sign language course's highpoint is food! During these lessons, we'll teach you how to order meals and desserts at a restaurant. The course also discusses buying items at malls and stores.

**Sign Language IV****Grades 9-12**

.5 credit

Our final online Sign Language course is for advanced signers. The advanced sign language lessons go over talking about school, people and the weather. They course also highlights sports and games.

**Spanish I****Grades 9-12**

1.0 credit

Students begin their introduction to Spanish with fundamental building blocks in four key areas of world-language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary, not only in written form but also through ear training that leads quickly to oral production. Vocabulary and grammar topics are introduced in an ongoing adventure story that prompts students to use skills from all four language-learning areas. Students learn fundamental grammar as embedded in authentic spoken language. Cultural information covers major Spanish-speaking areas in Europe and the Americas. Engaging graphics, videos, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**Spanish II****Grades 9-12**

1.0 credit

In this continuing introduction to Spanish, students deepen their focus on four key skills in world-language acquisition: listening comprehension, speaking, reading, and writing. A continuing storyline introduces and reinforces new vocabulary, while activities prompt students to analyze meaning from context, and then to reproduce new vocabulary in real-life oral expression. Additional verb tenses and idiomatic expressions are also introduced. As in Spanish I, students learn grammar through supplemental texts supplying traditional charts, tables, and explanations. Cultural information addresses Spanish as it is used around the globe. Engaging graphics, videos, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**Spanish III****Grades 9-12**

1.0 credit

Intermediate Spanish students who have a strong base in vocabulary, speaking, and listening skills reach a new level of mastery and fluency in this course. Through games and compelling stories, students learn advanced grammar and vocabulary, with an emphasis on correct accents and comprehension of real-world native speech. Error-recognition technology helps students eliminate common mistakes from their speaking and writing. Engaging graphics, videos, and games keep students interested, making learning languages exciting. An integrated, game-based reward system keeps learners motivated and eager to progress.

**Spanish IV**  
**Grades 9-12**  
1.0 credit

Deepen your understanding of the language as you build on your success achieved in Levels I, II, and III. Main topics of this course include: tourism and recreation, professions and hobbies, at home and around town, and style and personal wellness.

**Spanish V**  
**Grades 9-12**  
1.0 credit

Develop command of the language as you refine the crucial communication skills you acquired in Levels I-IV. Main topics in this course include: business and industry, arts and academics, emergency situations, and family and community.

## **FINE ARTS**

**Art History**  
**Grades 9-12**  
1.0 credit

This course combines two 1-semester courses (Art History: Ancient to Gothic and Art History: Renaissance to Modern) into a single year-long course. The course begins with a general discussion of art and the place of art in the development of human civilization. It introduces man's earliest reflective art form—cave paintings—and moves forward in time through the art of early civilizations of the Middle East, Rome and Greece, India, China, and Japan. The second semester of Art History begins with a study of the Renaissance period in European art, and continues through the rich Baroque and Rococo periods in Europe, followed by studying the impact of Romanticism on art and the development of Impressionism. Late 19th and early 20th century developments, from Surrealism to Cubism, are explored.

**Art in World Cultures**  
**Grades 9-12**  
.5 credit

Who is the greatest artist of all time? Is it Leonardo daVinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? Students will learn about some of the greatest artists while also creating art of your own, including digital art. Students explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.

**Digital Photography I**  
**Grades 9-12**  
.5 credit

Digital Photography I focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

**Digital Photography II**  
**Grades 9-12**  
.5 credit

Students will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may choose to specialize in, such as wedding photography and product photography. Students will also learn more about some of the most respected professional photographers in history and will learn how to critique photographs in order to better understand what creates an eye-catching photograph.

**Music Appreciation**  
**Grades 9-12**  
.5 credit

This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the 21st Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

**Theatre Production**  
**Grades 9-12**  
.5 credit

This course introduces students to the basics of film and theater productions. Students will learn about the basics of lighting, sound, wardrobe, and camerawork for both film and theater settings.



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## **BUSINESS/TECHNOLOGY**

### **Accounting-Corporation**

**Grades 9-12**

1.0 credit

Students navigate learning paths based on their level of readiness. This course covers the following topics: basic terminology, basic transactions and financial statements, journal entries, adjusting entries, closing process and financial statements, and merchandising accounting.

### **Accounting-Sole Proprietorship**

**Grades 9-12**

1.0 credit

Students navigate learning paths based on their level of readiness. This course covers the following topics: basic terminology, basic transactions and financial statements, journal entries, adjusting entries, closing process and financial statements, and merchandising accounting.

### **Coding II**

**Grades 9-12**

.5 credit

In this course, you will continue to cultivate an understanding of programming languages and expand on website development. You will learn the difference between web development and web application development as well as further explore Advanced Python, HTML, and JavaScript. You will also examine software engineering concepts, learn more about security, privacy, and ethics in technology, and explore the wide variety of careers in computing.

### **Cyber Security**

**Grades 9-12**

.5 credit

Ever wonder what it's like to be a hacker? Or think about who is trying to steal your passwords while you're shopping online using the free Wi-Fi at your local coffee shop? Can someone be watching your personal, private information? Can anything be kept "secret" online? We depend more and more on the technologies we interact with every day. This creates the need for increased system and network security measures. And, it means we all need to know more about how to protect valuable and vulnerable information. This course introduces you to the tools, technologies, and methods needed to protect online information and addresses how these issues are impacting safety and rights on a global and personal level. Learn what exciting career possibilities await you in the new and high-demand field of cybersecurity.

### **Employment Planning**

**Grades 9-12**

.5 credit

The employment planning course helps students prepare for the job force by learning how to build a resume along with teaching the proper way to interview for a job.

### **Financial Literacy**

**Grades 9-12**

1.0 credit

Topics of Personal Finance are covered including: checking accounts, bank statement reconciliation, cost of home ownership, interest, mortgages, stocks and bonds, insurance, budgets, banking, and managing money.

### **International Business**

**Grades 9-12**

.5 credit

This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected.

### **Keyboarding**

**Grades 9-12**

1.0 credit

This course is great for beginners or experienced typists that need to quickly improve their speed and accuracy 10-20 wpm. Speed and accuracy are emphasized on short timing drills. Lessons cover alphabetic and punctuation keys. The majority of timing drills are 15-second, with 30-second, 1-minute, and 2-minute timing drills.

### **Learning in a Digital World**

**Grades 9-12**

.5 credit

In Learning in a Digital World you will get the tools to navigate this exciting and always changing world. Learn about real-world issues and how to solve real-world problems through interactive and hands-on assignments. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information, learn to maximize information and communication technologies, and explore digital content creation, from emails and blogs to social media, videos, and podcasts.

### **Life Skills: Navigating Adulthood**

#### **Grades 9-12**

.5 credit

What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but with the right tools, they don't have to be. This course will encourage you to learn more about yourself and help you to prepare for the future. You will explore goal setting, decision making, and surviving college and career. You will also discover how to become a valuable contributing member of society. Now is the time to take action. It's your life, make it count.

### **Marketing I**

#### **Grades 9-12**

.5 credit

Students will learn about the role of marketing in business in addition to the basics of business management, customer service, and economics. Furthermore, students will examine how to identify target markets, perform market research, and develop successful marketing strategies. Finally, the legal and ethical considerations of business and marketing are discussed along with the impact of government on business.

### **Marketing II**

#### **Grades 9-12**

.5 credit

Engage with the marketing mix by studying understanding branding, advertising, promotion strategies, and more. Learn about effective sales techniques and discover employment opportunities to pursue a career in this exciting field!

### **Microsoft Excel**

#### **Grades 9-12**

.5 credit

Discover the real world uses of Microsoft Excel and its impact upon business, academic, and personal applications. Move from inserting and manipulating data, to working with tables, charts, graphs, and calculations.

### **Microsoft Word**

#### **Grades 9-12**

.5 credit

Learn to effectively and efficiently use one of the most common tools of business, school, and personal correspondence – Microsoft Word! You will learn not only how to create word-processing documents like letters and reports, but how to style them using fonts, colors and editing tools. Discover how to format documents, create tables, use bullets and numbering, and insert images.

### **Personal & Family Finance**

#### **Grades 9-12**

.5 credit

How do our personal financial habits affect our financial future? How can we make smart decisions with our money in the areas of saving, spending, and investing? This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans.

### **Social Media**

#### **Grades 9-12**

.5 credit

Have a Facebook account? What about Twitter? Whether you've already dipped your toes in the waters of social media or are still standing on the shore wondering what to make of it all, learning how to interact on various social media platforms is crucial in order to survive and thrive in this age of digital communication. In this course, students will learn the ins and outs of social media platforms such as Facebook, Twitter, Pinterest, Google+, and more.

## **HEALTH/PE**

### **Advanced PE**

#### **Grades 9-12**

.5 credit

This course guides students through an in-depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly, while participating in physical activities and applying principles they've learned. Basic anatomy, biomechanics, physiology, and sports nutrition are all integral parts of this course.

### **Fitness Fundamentals I**

#### **Grades 9-12**

.5 credit

This course is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. Students participate in pre- and post-fitness assessments in which they measure and analyze their own levels of fitness based on the five components of physical fitness: muscular strength, endurance, cardiovascular fitness, flexibility, and body composition.

### **Fitness Fundamentals II**

#### **Grades 9-12**

This course takes a more in-depth look at the five components of physical fitness touched on in Fitness Fundamentals I: muscular strength, endurance, cardiovascular health,

.5 credit

**Health  
Grades 9-12**

.5 credit

flexibility, and body composition. This course allows students to discover new interests as they experiment with a variety of exercises in a non-competitive atmosphere.

This course presents students with a clear look at the health issues facing humanity today. Students evaluate their own level of health and examine areas of health risks, nutritional needs, exercise, drugs, self-care, environment, and safety. This is a hands-on course where students learn to take charge of their own health by practicing preventative health habits.

**Physical Education with Health  
Grades 9-12**

1.0 credit

Students choose their own physical education activities while completing lessons and activities about health. Some of the topics covered include: peer and family relationships, drug and alcohol abuse, AIDS, diet, and time management.

## **WELLNESS**

**Exercise Science  
Grades 9-12**

.5 credit

This course guides students through an in-depth examination of the effects of exercise on the body. Students learn how to exercise efficiently and properly, as well as how to motivate themselves and others. Basic anatomy, biomechanics, and physiology will serve as a foundation for students to build effective exercise programs. The study of nutrition and human behavior is also an integral part of the course to enhance the student comprehension of this multifaceted subject.

**Flexibility Training  
Grades 9-12**

.5 credit

This course focuses on the often-neglected fitness component of flexibility. Students establish their fitness level, set goals, and design their own flexibility training program. They study muscular anatomy and learn specific exercises to stretch each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles to flexibility training. This course explores aspects of static, isometric, and dynamic stretching, as well as touches upon aspects of yoga and Pilates.

**Health and Personal Wellness  
Grades 9-12**

.5 credit

This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students apply principles of health and wellness to their own lives.

**Health: Life Management  
Grades 9-12**

.5 credit

You'll explore lifestyle factors that can influence your health, from how you interact with others to how best to make decisions about your health care. You'll also have the opportunity to create a plan for improving your health, and you'll learn how to create a healthy environment with family and friends to help you achieve your health goals.

**Health Sciences:  
The Whole Individual  
Grades 9-12**

.5 credit

Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and the measles identified and diagnosed? Health sciences provides the answers to questions such as these. In this course, students will be introduced to the various disciplines within health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for health sciences and examines the contributions of different health science areas.

**Health Sciences: Patient Care  
Grades 9-12**

.5 credit

Students will study the health care workplace, including patient and caregiver interactions and how various members of the health care team work together to create an ethical, functional, and compassionate environment for patients.

### **Nutrition & Wellness**

#### **Grades 9-12**

.5 credit

This course prepares you for a healthy life and provides you with the essential skills you need to plan and make healthy and delicious meals for you, your family, and your friends. You'll learn how to budget for your meals, shop for groceries, and fit cooking into a busy schedule of school, work, and other responsibilities.

### **Running**

#### **Grades 9-12**

.5 credit

This course is appropriate for beginning, intermediate, and advanced runners and offers a variety of training schedules for each. In addition to reviewing the fundamental principles of fitness, students learn about goals and motivation, levels of training, running mechanics, safety and injury prevention, appropriate attire, running in the elements, good nutrition and hydration, and effective cross-training. While this course focuses mainly on running for fun and fitness, it also briefly explores the realm of competitive racing.

### **Strength Training**

#### **Grades 9-12**

.5 credit

This course focuses on the fitness components of muscular strength and endurance. Students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload, to strength training.

### **Walking Fitness**

#### **Grades 9-12**

.5 credit

This course helps students establish a regular walking program for health and fitness. Walking is appropriate for students of all fitness levels and is a great way to maintain a moderately active lifestyle. In addition to reviewing fundamental principles of fitness, students learn about goals and motivation, levels of training, walking mechanics, safety and injury prevention, appropriate attire, walking in the elements, good nutrition and hydration, and effective cross-training.

## **CAREER EXPLORATION/LIFE EXPERIENCE**

### **ACT Prep**

#### **Grades 9-12**

.5 credit

This course will introduce students to the ACT test. Students will be provided an overview of the test as well as test tips to help them succeed.

### **Advertising & Sales**

#### **Grades 9-12**

.5 credit

In this course, you'll learn how marketing campaigns, ads, and commercials are conceived and brought to life. You'll meet some of the creative men and women who produce those memorable ads and commercials. And you'll discover career opportunities in the field to help you decide if a job in this exciting, fast paced industry is in your future.

### **Agriculture**

#### **Grades 9-12**

.5 credit

In this course, you will receive a broad understanding of the subject matter, preparing you for future hands-on learning, participation in Future Farmers of America, and supervised agricultural experiences.

### **Careers in Criminal Justice**

#### **Grades 9-12**

.5 credit

The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.

### **Coding I: Intro to Programming**

#### **Grades 9-12**

.5 credit

In Coding 1a: Introduction to Programming, you will explore the role technology plays in our lives as well as study the fundamentals of computer science, review hardware and software, and learn how the internet functions. You will also discover how to create and build your own website using HTML and CSS and learn basic and complex commands and sequences as you become familiar with programming languages like JavaScript and Python Programming. This course also covers data collection methods, access rights, protocols, and security.

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**Coding II: Programming****Grades 9-12**

.5 credit

Are you passionate about technology? Do you love learning how things work and are excited about the idea of further exploring the world of computer science? If you thrived in Coding 1a: Introduction to Programming, now is your chance to build on that knowledge with Coding 1b: Programming. In this course, you will continue to cultivate an understanding of programming languages and expand on website development. You will learn the difference between web development and web application development as well as further explore Advanced Python, HTML, and JavaScript. You will also examine software engineering concepts, learn more about security, privacy, and ethics in technology, and explore the wide variety of careers in computing.

**Cosmetology I****Grades 9-12**

.5 credit

Students will explore career options in the field of cosmetology. Research into some of the common techniques used in caring for hair, nails, and skin in salons, spas, and other cosmetology-related businesses will also be presented.

**Cosmetology II****Grades 9-12**

.5 credit

Cosmetology 2: The Business of Skin and Nail Care, experience what the day-to-day life of a cosmetologist is like. You will discover that cosmetology is much more than knowing and applying techniques. Additionally, you will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques. Discover the next steps towards launching a rewarding and creative career in cosmetology.

**Culinary Arts I****Grades 9-12**

.5 credit

This introductory course will provide you with basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Finally, prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.

**Culinary Arts II****Grades 9-12**

.5 credit

Building on the prior prerequisite course, discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. The last unit in this course explores careers in the culinary arts for ways to channel your newfound passion!

**Early Childhood Education****Grades 9-12**

.5 credit

Want to have an impact on the most important years of human development? Students will learn how to create fun and educational environments for children, how to keep the environment safe for children, and how to encourage the health and well-being of infants, toddlers, and school-aged children.

**Engineering****Grades 9-12**

.5 credit

This course explores the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. This ever-increasing knowledge can also lead to serious ethical dilemmas and the need to discuss where the boundaries of science lie (or even if there should be boundaries).

**Entrepreneurship****Grades 9-12**

.5 credit

Do you dream of owning your own business? This course can give you a head start in learning about what you'll need to own and operate a successful business. Students will explore creating a business plan, financing a business, and pricing products and services.

**Fashion & Interior Design****Grades 9-12**

.5 credit

Do you have a flair for fashion? Are you constantly redecorating your room? If so, the design industry might just be for you! In this course, students explore what it is like to work in the industry by exploring color, design, and career possibilities.



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**Forensics: Science of the Crime**  
**Grades 9-12**

.5 credit

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

**Forestry**  
**Grades 9-12**

.5 credit

In this course, you'll learn more about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestry related careers and important issues facing forestry professionals today.

**Game Design I**  
**Grades 9-12**

.5 credit

You will learn about video game software and hardware, various gaming platforms, necessary technical skills, troubleshooting and internet safety techniques, and even the history of gaming. And to top it all off, you'll even have the opportunity to create your very own plan for a 2D video game!

**Game Design II**  
**Grades 9-12**

.5 credit

By signing up for Game Design 2, you will learn the skills needed to conceptualize, design, and fully create your very own video game. Explore various video game software and hardware, sharpen your coding skills, learn about game storylines, player progression, and algorithmic decision making. Learn to analyze player goals, actions, rewards, and challenges, among many other game play components. Utilize the 21st century skills of creativity, critical thinking, communication, collaboration, and technical expertise. When you sign up for Game Design 2, you are putting yourself at the forefront of a future in technology

**Health Science: Nursing**  
**Grades 9-12**

.5 credit

Nursing is an in-demand career, perfect for someone looking for a rewarding and challenging vocation in the healthcare sector. With a strong focus on patient care, a nurse must be skilled in communication, promoting wellness, and understanding safety in the workplace. In Health Science II Nursing, you will explore communication and ethics, anatomy and physiology, and the practice of nursing. Learn how to build relationships with individuals, families, and communities and how to develop wellness strategies for your patients. From emergency to rehabilitative care to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.

**Health Science: Public Health**  
**Grades 9-12**

.5 credit

In Health Science: Public Health you will study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role current and future technologies play worldwide as well as consider the ethics and governance of health on a global scale. Discover unique career opportunities, and fascinating real-life situations.

**Hospitality & Tourism I**  
**Grades 9-12**

.5 credit

With greater disposable income and more opportunities for business travel, people are traversing the globe in growing numbers. As a result, hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas.

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## **Hospitality and Tourism II**

### **Grades 9-12**

.5 credit

If you love working with people, a future in hospitality may be for you. In Part A of Hospitality and Tourism 2: Hotel and Restaurant Management, you will learn about what makes the hotel and restaurant industries unique. Learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Evaluate the environment for these businesses by examining their customers and their competition. As well, you will discover trends and technological advances that makes each industry exciting and innovative. In Part A, you can explore a variety of interesting job options from Front Desk and Concierge services to Maître d' and food service.

## **Life Management Skills**

### **Grades 9-12**

.5 credit

Life Management provides students with an opportunity to look at their lives in terms of self-examination, self-actualization, community involvement, personal health, money management skills, college planning, resource and time management, and career options. The course stresses a reflective, as well as an analytical, approach to life skills and includes journal writing as an integral element of the course.

## **Manufacturing**

### **Grades 9-12**

.5 credit

Students will be introduced to the various career opportunities in the manufacturing industry including those for engineers, technicians, and supervisors. As a culminating project you'll plan your own manufacturing process for a new product or invention!

## **Medical Terminology**

### **Grades 9-12**

.5 credit

Learning the language is essential for careers in health science. Join word parts to form medical terms, associations within body systems, and better communicate with colleagues and patients. Build your proficiency and confidence with this course and prepare yourself for a career in health sciences.

## **Military Careers**

### **Grades 9-12**

.5 credit

In this course, you'll learn not only about the four branches of the military (and the Coast Guard) but also about the types of jobs you might pursue in each branch. From aviation to medicine, law enforcement to dentistry, the military can be an outstanding place to pursue your dreams.

## **Peer Counseling**

### **Grades 9-12**

.5 credit

Helping people achieve their goals is one of the most rewarding human experiences. Peer counselors help individuals reach their goals by offering them support, encouragement, and resource information. This course explains the role of a peer counselor, teaches the observation, listening, and emphatic communication skills that counselors need, and provides basic training in conflict resolution and group leadership.

## **Public Service**

### **Grades 9-12**

.5 credit

Students will learn about many different areas of public service including education, civil engineering, and social services. They will also look at the requirements for public service in general, as well as, the specific skills needed to be successful in each area of public service.

## **Public Speaking I**

### **Grades 9-12**

.5 credit

The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle's and Cicero's view of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair.

## **Public Speaking II**

### **Grades 9-12**

.5 credit

Building on the prior prerequisite course, bring your speeches to life by learning about body language, vocal, and other techniques. Learn about logic and reason while gaining the confidence to help create and deliver great presentations and speeches. You will also critically examine your speeches and presentations and those of others to improve upon your presentation.

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**Real World Parenting****Grades 9-12**

.5 credit

What is the best way to care for children and teach them self-confidence and a sense of responsibility? Parenting involves more than having a child and providing food and shelter. Learn what to prepare for, what to expect, and what vital steps parents can take to create the best environment for their children.

**Renewable Technologies****Grades 9-12**

.5 credit

In this course, you'll learn all about the cutting-edge field of renewable energy and the exciting new technologies that are making it possible. You'll explore new ways of generating energy and storing that energy, from biofuels to high-capacity batteries and smart electrical grids. You'll also learn more about the environmental and social effects of renewable technologies and examine how people's energy decisions impact policies.

**Restaurant Management****Grades 9-12**

.5 credit

This course covers the different types of restaurants; managing kitchen and wait staff; food safety and hygiene; customer relations; marketing; using a point-of-sale system; scheduling employees; and dealing with difficult guests.

**Sports & Entertainment Marketing****Grades 9-12**

.5 credit

Have you ever wished to play sports professionally? Have you dreamed of one day becoming an agent for a celebrity entertainer? If you answered yes to either question, then believe it or not, you've been fantasizing about entering the exciting world of sports and entertainment marketing. Students have the opportunity to explore basic marketing principles and delve deeper into the multi-billion dollar sports and entertainment marketing industry.

**Women's Studies****Grades 9-12**

.5 credit

This course, although looking specifically at the experiences of women, is not for girls only. If you are a student interested in exploring the world through film and open-minded enough to be interested in social change, this course is for you.

**AP Courses – Available upon request****Post Secondary Courses – Available upon request****Video-Based Courses – Available upon request**

Course	Grade Level													Credits
	K	1	2	3	4	5	6	7	8	9	10	11	12	
ENGLISH /LANGUAGE ARTS														
English Language Arts	X	X	X	X	X	X	X	X	X					1.0
American Literature										X	X	X	X	1.0
American Literature - Honors										X	X	X	X	1.0
British Literature										X	X	X	X	1.0
Creative Writing										X	X	X	X	.5
Drama In Literature										X	X	X	X	.5
Drama In Literature - Honors										X	X	X	X	.5
English Fundamentals										X	X	X	X	1.0
English Fundamentals - Honors										X	X	X	X	1.0
CR English Fundamentals										X	X	X	X	1.0
English Internet Explorations A										X	X	X	X	1.0
English Internet Explorations B										X	X	X	X	1.0
Gothic Literature: Monster Stories										X	X	X	X	.5
Journal Writing										X	X	X	X	.5
Journalism I										X	X	X	X	.5
Journalism II										X	X	X	X	.5
The Lord of the Rings										X	X	X	X	.5
Mythology & Folklore										X	X	X	X	.5
Shakespearean Literature										X	X	X	X	.5
Shakespearean Literature - Honors										X	X	X	X	.5
World Literature										X	X	X	X	1.0
World Literature - Honors										X	X	X	X	1.0
World Mythology										X	X	X	X	1.0
Writing From Mythology										X	X	X	X	1.0
Writing Tutorials										X	X	X	X	.5
MATHEMATICS														
Math	X	X	X	X	X	X	X	X						1.0
Math - mastery-based						X	X	X	X					1.0
Math 8 - Pre-Algebra									X					1.0
Algebra I										X	X	X	X	1.0
Algebra I - mastery-based										X	X	X	X	1.0
Alegebra II										X	X	X	X	1.0
Alegebra II Equivalent										X	X	X	X	1.0
Basic Math/Integrated Math										X	X	X	X	1.0
Basic Math/Math Intervention - mastery-based										X	X	X	X	1.0
Calculus										X	X	X	X	1.0
Foundations of High School Math - mastery-based										X	X	X	X	1.0

Course	Grade Level													Credits
	K	1	2	3	4	5	6	7	8	9	10	11	12	
<b>MATHEMATICS (continued)</b>														
Geometry										X	X	X	X	1.0
Geometry - mastery-based										X	X	X	X	1.0
Introduction to Statistics - mastery-based										X	X	X	X	1.0
Math for College Success - mastery-based										X	X	X	X	1.0
Math Proficiency										X	X	X	X	.5
Pre-Algebra										X	X	X	X	1.0
Pre-Calculus										X	X	X	X	1.0
Survival Math										X	X	X	X	.5
Trigonometry										X	X	X	X	1.0
<b>SCIENCES</b>														
Science	X	X	X	X	X	X	X	X	X					1.0
Anatomy & Physiology I & II										X	X	X	X	.5
Agriscience I										X	X	X	X	.5
Agriscience II										X	X	X	X	.5
Astronomy										X	X	X	X	.5
Biology										X	X	X	X	1.0
Biology - Honors										X	X	X	X	1.0
CR Biology										X	X	X	X	1.0
Biotechnology I & II										X	X	X	X	.5
Chemistry										X	X	X	X	1.0
Criminology										X	X	X	X	.5
Earth Science										X	X	X	X	.5
Earth Science - Honors										X	X	X	X	.5
Environmental Science										X	X	X	X	.5
Forensic Science I										X	X	X	X	.5
Forensic Science II										X	X	X	X	.5
General Science										X	X	X	X	1.0
Great Minds in Science										X	X	X	X	.5
Integrated Science										X	X	X	X	1.0
Oceanography										X	X	X	X	.5
Oceanography - Honors										X	X	X	X	.5
Physical Science										X	X	X	X	1.0
Physics										X	X	X	X	1.0
Veterinary Science										X	X	X	X	.5

Course	Grade Level													Credits
	K	1	2	3	4	5	6	7	8	9	10	11	12	
<b>SOCIAL STUDIES</b>														
Social Studies	X	X	X	X	X	X	X	X	X					1.0
African American Studies										X	X	X	X	.5
Anthropology I										X	X	X	X	.5
Anthropology II										X	X	X	X	.5
Archaeology										X	X	X	X	.5
American History										X	X	X	X	1.0
American History - Honors										X	X	X	X	1.0
CR American History										X	X	X	X	1.0
Economics										X	X	X	X	.5
Government										X	X	X	X	.5
History of the Holocaust										X	X	X	X	.5
Human Geography										X	X	X	X	.5
Law & Order										X	X	X	X	.5
National Security										X	X	X	X	.5
Philosophy - Introduction										X	X	X	X	.5
Psychology I										X	X	X	X	.5
Psychology II										X	X	X	X	.5
Social Problems I										X	X	X	X	.5
Social Problems II										X	X	X	X	.5
Sociology I										X	X	X	X	.5
Sociology II										X	X	X	X	.5
World Cultures										X	X	X	X	1.0
World History										X	X	X	X	1.0
World History - Honors										X	X	X	X	1.0
CR World History										X	X	X	X	1.0
World Religions										X	X	X	X	.5
<b>HEALTH/PE</b>														
Health & Physical Education Portfolio						X	X	X	X					1.0
Advanced PE										X	X	X	X	.5
Fitness Fundamentals I										X	X	X	X	.5
Fitness Fundamentals II										X	X	X	X	.5
Health										X	X	X	X	.5
Physical Education with Health										X	X	X	X	1.0



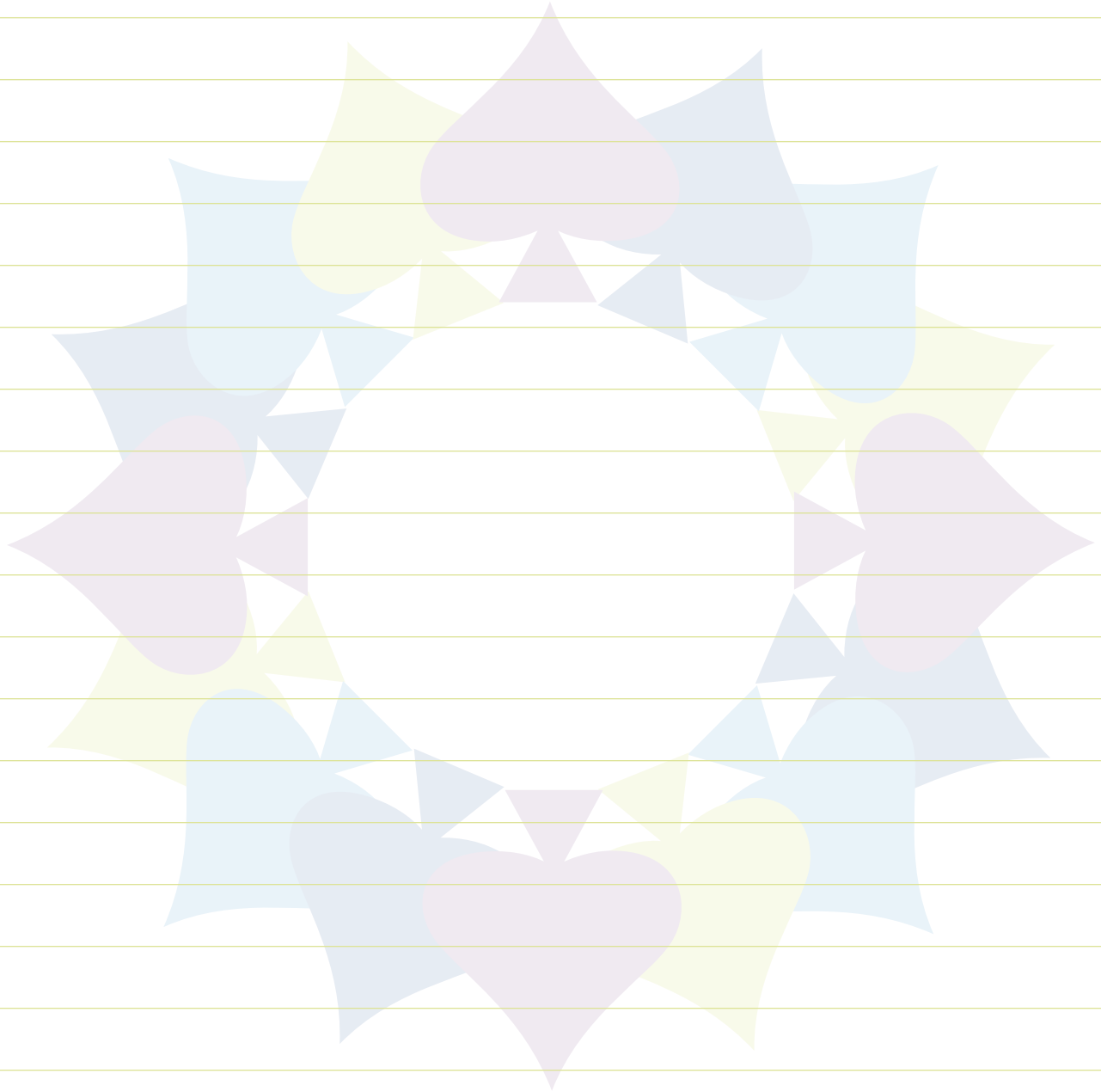
Course	Grade Level													Credits
	K	1	2	3	4	5	6	7	8	9	10	11	12	
<b>WELLNESS</b>														
Exercise Science										X	X	X	X	.5
Flexibility Training										X	X	X	X	.5
Health: Life Management										X	X	X	X	.5
Health and Personal Wellness										X	X	X	X	.5
Health Sciences: Patient Care										X	X	X	X	.5
Health Sciences: The Whole Individual										X	X	X	X	.5
Nutrition & Wellness										X	X	X	X	.5
Running										X	X	X	X	.5
Strength Training										X	X	X	X	.5
Walking Fitness										X	X	X	X	.5
<b>ELECTIVES</b>														
Keyboarding	X	X	X	X	X	X	X	X	X					1.0
Middle School 2D Studio Art							X	X	X					.5
Middle School Digital Art and Design							X	X	X					.5
Middle School Career Explorations							X	X	X					.5
Middle School Career Exploration II							X	X	X					.5
Middle School Coding I-II							X	X	X					.5
Middle School Exploring Music							X	X	X					.5
Middle School Fitness							X	X	X					.5
Middle School Game Design I							X	X	X					.5
Middle School Journalism							X	X	X					.5
Middle School Photography							X	X	X					.5
<b>FOREIGN LANGUAGES</b>														
Foreign Language	X	X	X	X	X	X	X	X	X					
French I-V										X	X	X	X	1.0
German I-V										X	X	X	X	1.0
Japanese I-III										X	X	X	X	1.0
Latin I-III										X	X	X	X	1.0
Mandarin Chinese I-V										X	X	X	X	1.0
Sign Language I-V										X	X	X	X	.5
Spanish I-V										X	X	X	X	1.0
<b>FINE ARTS</b>														
Art History										X	X	X	X	1.0
Art in World Cultures										X	X	X	X	.5

Course	Grade Level													Credits
	K	1	2	3	4	5	6	7	8	9	10	11	12	
<b>FINE ARTS CONT.</b>														
Digital Photography I										X	X	X	X	.5
Digital Photography II										X	X	X	X	.5
Music Appreciation										X	X	X	X	.5
Theatre Production										X	X	X	X	.5
<b>BUSINESS / TECHNOLOGY</b>														
Accounting - Sole Proprietorship										X	X	X	X	1.0
Accounting - Corporation										X	X	X	X	1.0
Cyber Security										X	X	X	X	.5
Employment Planning										X	X	X	X	.5
Financial Literacy										X	X	X	X	1.0
International Business										X	X	X	X	.5
Keyboarding										X	X	X	X	1.0
Marketing I										X	X	X	X	.5
Marketing II										X	X	X	X	.5
Microsoft Excel										X	X	X	X	.5
Microsoft Word										X	X	X	X	.5
Personal & Family Finance										X	X	X	X	.5
Social Media										X	X	X	X	.5
<b>CAREER EXPLORATION/LIFE EXPERIENCE</b>														
ACT Prep										X	X	X	X	.5
Advertising and Sales										X	X	X	X	.5
Agriculture										X	X	X	X	.5
Careers in Criminal Justice										X	X	X	X	.5
Coding I										X	X	X	X	.5
Coding II										X	X	X	X	.5
Cosmetology I										X	X	X	X	.5
Cosmetology II										X	X	X	X	.5
Culinary Arts I										X	X	X	X	.5
Culinary Arts II										X	X	X	X	.5
Early Childhood Education										X	X	X	X	.5
Engineering										X	X	X	X	.5
Entrepreneurship										X	X	X	X	.5
Fashion & Interior Design										X	X	X	X	.5
Forensics: Science of the Crime										X	X	X	X	.5
Forestry										X	X	X	X	.5
Game Design I-II										X	X	X	X	.5
Health Science: Nursing										X	X	X	X	.5
Health Science: Public Health										X	X	X	X	.5

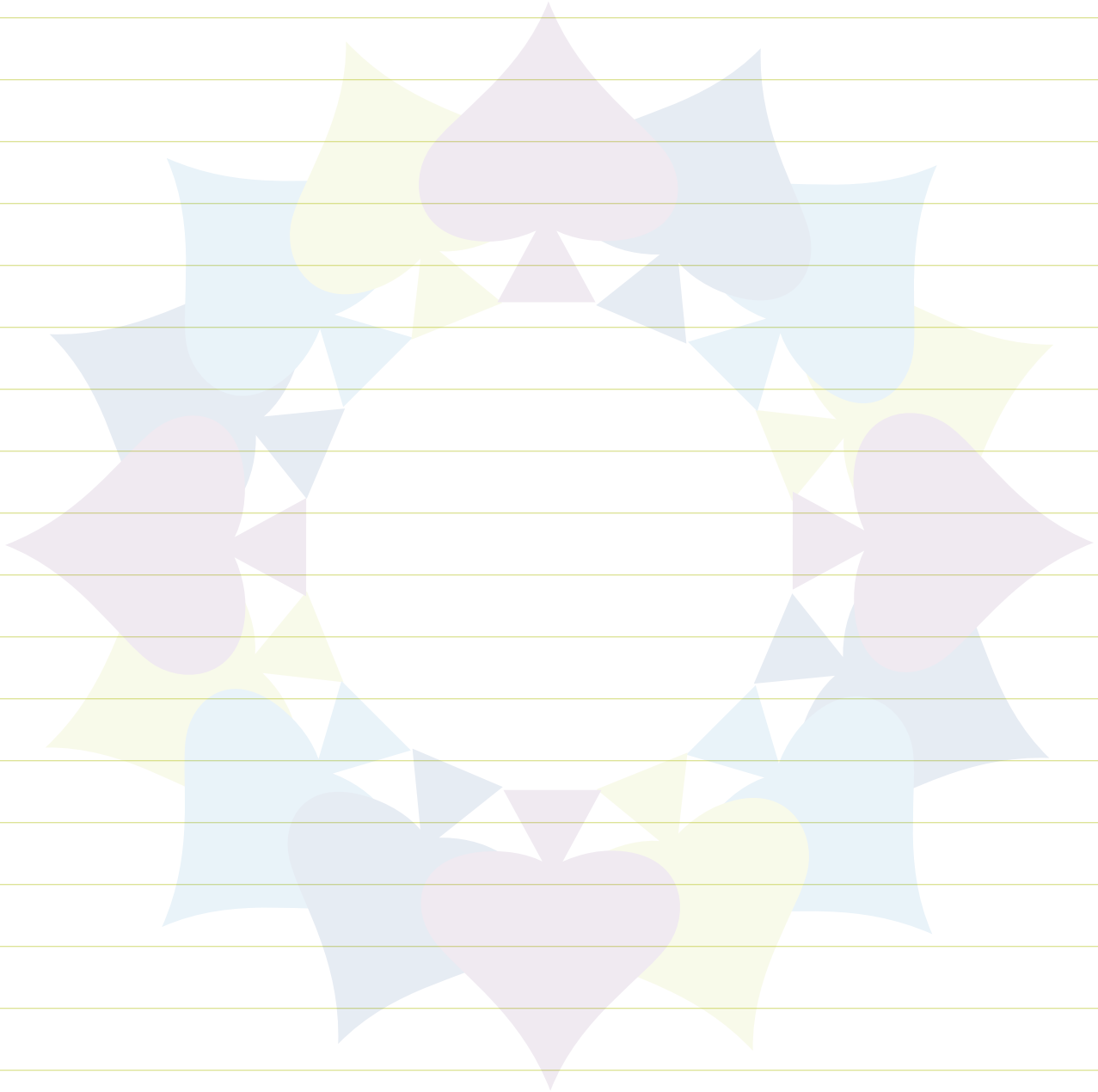
Course	Grade Level													Credits
	K	1	2	3	4	5	6	7	8	9	10	11	12	
<b>CAREER EXPLORATION/LIFE EXPERIENCE CONT</b>														
Hospitality & Tourism I-II										X	X	X	X	.5
Hospitality & Tourism I-II										X	X	X	X	.5
Life Management Skills										X	X	X	X	.5
Manufacturing										X	X	X	X	.5
Medical Terminology										X	X	X	X	.5
Military Careers										X	X	X	X	.5
Peer Counseling										X	X	X	X	.5
Public Service										X	X	X	X	.5
Public Speaking I										X	X	X	X	.5
Public Speaking II										X	X	X	X	.5
Real World Parenting										X	X	X	X	.5
Renewable Technologies										X	X	X	X	.5
Restaurant Management										X	X	X	X	.5
Sports & Entertainment Marketing										X	X	X	X	.5
Women's Studies										X	X	X	X	.5

AP Courses – Available upon request  
 Career Development – Available upon request  
 Post Secondary Courses – Available upon request  
 Video-Based Courses – Available upon request

NOTES:



NOTES:





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