**Collegiate Preparatory**

** International Academy**

**2020 – 2021**

**COURSE CATALOG**

[www.collegiateprep.academy](http://www.collegiateprep.academy)

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**CURRICULUM OVERVIEW**

#### EARLY CHILDHOOD/PRE-KINDERGARTEN

#### Early Childhood/Pre-K

 In online pre- kindergarten courses at Collegiate Prep Academy, students develop and are introduced to the fundamentals of literacy and numeracy with interactive activities.

#### ELEMENTARY SCHOOL

#### KINDERGARTEN TO FOURTH GRADES

#### Kindergarten

 In online kindergarten courses at Collegiate Preparatory International Academy, students become curious, creative learners. By introducing students to the fundamentals, virtual kindergarten helps them develop basic computer skills, better listening comprehension, mathematical thinking, and more.

**First Grade**

Collegiate Preparatory Academy’s online first grade courses are designed to enhance the fundamental skills that students developed in kindergarten. They allow students to grow in a flexible learning environment, which serves as a great alternative to traditional brick-and-mortar private and homeschool first grade classes. In virtual first grade, students start to build reading fluency, explore the natural world, learn addition and subtraction, and experiment with color, line, and shape.

#### Second Grade Courses

 Online second grade courses  focus on boosting student comprehension and critical thinking across all subject areas. Students will learn how to take measurements, use maps, identify the different states of matter, and use technology to solve problems by the time they complete their virtual second grade classes.

#### Third Grade

 Students improve their analytical skills by taking a hands-on approach to learning new material. They are introduced to multiplication and division, life cycles and ecosystems, the five stages of the writing process, and more in virtual third grade classes.

#### Fourth Grade

 Online fourth grade courses are formulated to help students explore more sophisticated topics using fundamental skills. In virtual fourth grade classes, students develop well-organized compositions, explore the history of the United States, investigate the forms of energy, and apply basic math operations to fractions and decimals.

**MIDDLE SCHOOL**

**FIFTH, SIXTH, SVENTH, AND EIGHTH GRADES**

#### Supporting Our Learners in their Middle Years

Collegiate Prep offers engaging, academically challenging  curriculum for our  middle school students  during their transition to young adulthood. Curriculum for grades 5 through 8 offers a complete middle school education for those enrolled full time. Individual courses can be taken to supplement a student's traditional or homeschool education.Our online middle school courses are based on a learner-centered model that draws from current educational research and meets high standards for K–12 online learning.

#### Fifth Grade Courses

  In virtual fifth grade classes, students refine their knowledge of grammar and structure, math operations, physical and life science, design principles, technological applications, and United States history.

#### Sixth to Eighth Grade Core Curriculum

Students enrolled full time in the middle school program take a total of five year-long core courses, one each in language arts, mathematics, science, and social studies, plus one elective per school year and foreign language study.

#### Electives

 Middle school students can choose from a variety of online elective courses each year, including art history, health, career and technical courses, and several world languages.

#### Advanced/Accelerated Courses

 For 8th grade students who want a more rigorous educational experience in preparation for high school, Collegiate Prep offers Algebra I, Biology, CTE and several world language courses.

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## HIGH SCHOOL

## NINTH TO TWELFTH GRADES

#### Introduction

Below are a list of courses offered at Collegiate Preparatory International Academy as well as academic policies:

#### Academic Program

 Our high school curriculum offers more than 100 rigorous courses, including core subjects, Advanced Placement® (AP® ) courses, dozens of engaging electives, and six world languages. Collegiate Prep students learn through interactive, multimedia-rich curriculum, at their own pace, with access to teacher support to ensure a rewarding individualized high school experience. Students have one year to complete their courses, giving students maximum flexibility and support to achieve their learning goals.

#### Grading/Grade Point Average/Class Rank

 A cumulative un-weighted GPA\* is maintained for grades 9-12 based on course completion. Only grades earned at Collegiate Prep are used to determine the cumulative GPA. Collegiate Prep does not rank its students because students enroll and graduate on a rolling basis. Therefore, we do not have cohorts or students who can be considered in a common grade.

* 90-100 A (4 GPA Points)
* 80-89 B (3 GPA Points)
* 70-79 C (2 GPA Points)
* 60-69 D (1 GPA Point)
* Below 60 F (0 GPA Points)

**Graduation Requirements**

To receive a Collegiate Preparatory National High School diploma, students need to earn a minimum of 23 units of credit in grades 9-12. Credits can be transferred into Collegiate Prep as outlined in the Transfer Credit Policy, but students must take at least five credits with Collegiate Prep: one credit each in the areas of English, Mathematics, Science, Social Studies, and another credit in an area of choice. College-bound students are encouraged to develop a rigorous four-year learning plan, including at least two credits of the same world language as part of their electives, and complete higher level mathematics and science course.

|  |  |  |
| --- | --- | --- |
| **Subject** | **Credits Required for Graduation** | **College Ready Students** |
| English Language Arts                                      | 4                                                     | 4                                                     |
| Mathematics(Algebra   I or higher)                                    | 3 | 4 |
| Social  Studies | 4 | 4 |
| Science | 3 - 4 | 4 |
| Health/Physical Education | 1 | 1 |
| Fine Arts | 1 | 1 |
| Foreign Language | 2 | 2 |
| Electives | 4 - 5 | 5 |
| TOTAL | 23-25 | 23 |

**Community Service/Social Justice Project Requirement Grades 3 - 12**

Students are required to complete a yearly project that addresses the tenets of: Leadership, Service and Achievement. This project details a societal or community problem that the student attempts to solve through action research and enlisting others in social justice actions that would lead to long lasting change. Through a series of workshops with mentors, students refine their research and write their thesis. This culminates with a student presentation.

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**ELEMENTARY SCHOOL COURSES**

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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 course 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. 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.

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 COURSES**

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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 students with literary concepts and discuss different writing processes using their own works as models. The 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

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.

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**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 Coding1a, 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 Coding1b. 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: …………………………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.

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

The following languages are available: Spanish, French, German, Latin, Japanese

**HIGH SCHOOL COURSES**

ENGLISH/LANGUAGE ARTS

**American Literature 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**  **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** **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 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 .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 .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 .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 I - English Fundamentals 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. 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 I – Honors English Fundamentals - Honors 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.

**English CR English Fundamentals 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 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 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 .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 .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 .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 .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 .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 .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 .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.

**Shakespearean Literature - Honors .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 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 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 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 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 .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 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 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 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 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 1.0 credit**

This course is designed for students who need to gain skills in Basic Math and Pre-Algebra.

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 1.0 credit**

This course uses artificial intelligence (AI) to map the details of each student’s

mastery-based 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 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 1.0 credit**

This course uses artificial intelligence (AI) to map the details of each student’s knowledge.

mastery-based 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 Plane 1.0 credit**

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 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

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.

**Introduction to Statistics 1.0 credit**

Students navigate learning paths based on their level of readiness. This course

mastery-based 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 1.0 credit**

Math for College Success prepares students to achieve success in college mathematics mastery-based 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 .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 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 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 .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 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.

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SCIENCE

**Anatomy & Physiology I .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.

**Anatomy & Physiology II .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 .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**  **.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** **.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** **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 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 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 .5 credit**

Students will explore the science behind biotechnology and how this science is being used

to solve medical and environmental problems.

**Biotechnology II** **.5 credit**

Explore the discovery of antibiotics and the concerns of antibiotic resistance while also

examining the agricultural, pharmaceutical, ad genetic applications of biotechnology. Finally,

learn about the future of biotechnology to understand the depth and breadth of this field.

**Chemistry 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 .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 .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 .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 .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 .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 .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 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 .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 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 .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 .5 credit**

Honors Oceanography is a research and writing-intensive version of the Oceanography

Grades 9-12 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 1.0 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 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 .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.

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SOCIAL STUDIES

**African American Studies .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 .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**  **.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** **.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 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**  **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**  **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 .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**  **.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 .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 .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 .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** **.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 .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 .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**  **.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 .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 .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**  **.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**  **.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 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**  **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 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**  **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 .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:**

**French I** **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, vides, and games keep

students interested, making learning languages exciting. An integrated, game-based

reward system keeps learners motivated and eager to progress.

**French II**  **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

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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.

**French III**  **1.0 credit**

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**  **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** **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:**

**German I 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 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**  **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 1.0 credit**

Deepen your understanding of the language as you build on your success achieved in

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

Develop command of the language as you refine the crucial communication skills you

Grades 9-12 acquired in Levels I-IV. Main topics in this course include: business and industry, arts and academics, emergency situations, and family and community.

**Japanese:**

**Japanese I**  **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** **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** **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** **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 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 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:**

**Mandarin Chinese I** **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 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 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 IV 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**  **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 .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**  **.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 .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** **.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:**

**Spanish I** **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**  **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 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**  **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**  **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 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 .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** **.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** **.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 .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 .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 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 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 .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 .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**  **.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 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** **.5 credit**

This course is designed to help students develop the appreciation, knowledge, skills, and

Grades 9-12 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 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**  **.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** **.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** **.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 .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 .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 .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 .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 .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.

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HEALTH/PHYSICAL EDUCATION

**Advanced PE .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 .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 .5 credit**

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,

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.

**Health 1.0 credit**

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 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.

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WELLNESS

**Exercise Science .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 .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 .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 .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 .5 credit**

Will we ever find a cure for cancer? What treatments are best for conditions like diabetes? The Whole Individual 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** **.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 .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** **.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 .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 .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.

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CAREER TECHHNICAL EDUCATION COURSES

CAREER EXPLORATION/LIFE EXPERIENCE

**ACT Prep .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 .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 .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 .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 .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.

**Coding II: Programming .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 .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 .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 .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 .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 .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 .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 .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** **.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.

**Forensics: Science of the Crime .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 .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 .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 .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 21stcentury 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 .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 .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 .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.

**Hospitality and Tourism II .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 .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 .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 .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 .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 .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 .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 .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** **.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.

**Real World Parenting .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 .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 .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** **.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 .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.

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**Advanced Placement Courses**

|  |  |  |
| --- | --- | --- |
| **English** | **Mathematics** | **Computer Science** |
| AP English Language and CompositionAP English Literature and Composition | AP CalculusAP Calculus AB Exam PrepAP Calculus BCAP Statistics | AP Computer Science AAP Computer Science Principles |
| **Social Studies** | **Science** | **Arts** |
| AP European HistoryAP PsychologyAP US HistoryAP World HistoryAP MacroeconomicsAP Microeconomics | AP BiologyAP ChemistryAP Environmental ScienceAP Physics I | AP Music Theory IAP Studio Art- Drawing |
| **Foreign Language** |
| AP Spanish Language and CultureAP French Language and Culture |

CURRICULUM LIST

|  |  |  |
| --- | --- | --- |
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