

Willamette Connections Academy Course Catalog

2021-2022



Welcome to Willamette Connections Academy!

This guide is designed to help you understand the courses and progressions for graduation at Willamette Connections academy. For further information about graduation, GPA, and school policies related to courses and expectations, please see the [WillCA Handbook](#).

WillCA Graduation Requirements

Standard Oregon Diploma	
English	4 Credits
Mathematics	3 Credits (Algebra and above)
Science	3 Credits (Inquiry and Lab experience)
Social Studies	3 Credits
Health	1 Credit
Physical Education	1 Credit
Second Language, CTE, or the Arts	3 Credits
Electives	6 Credits
Total Credits	24 Credits

Honors Diploma Available - Please see the [WillCA Handbook](#) for more information

Students at Willamette Connections Academy take at least 6 courses and may take 7 each semester.

Each semester course is 0.5 Credit per successful completion of a grade of at least 60%

Possible Course Progressions:

College Bound High School Progression Plan							
9th Grade		10th Grade		11th Grade		12th Grade	
English 9 A or Honors English 9 A	English 9 B or Honors English 9 B	English 10 A or Honors English 10 A	English 10 B or Honors English 10 B	English 11 A or AP Language	English 11 B or AP Language	English 12 A or AP Literature	English 12 B or AP Literature
Physical Science A	Physical Science B	Biology A	Biology B	Chemistry A or Elective Science	Chemistry B or Elective Science	Physics A or Elective Science	Physics B or Elective Science
<i>Alternate AP Science Pathway Biology A</i>	<i>Alternate AP Science Pathway Biology B</i>	<i>Alternate AP Science Pathway Chemistry or Physics</i>	<i>Alternate AP Science Pathway Chemistry or Physics</i>	<i>Alternate AP Science Pathway AP Science or Science Elective</i>	<i>Alternate AP Science Pathway AP Science or Science Elective</i>	<i>Alternate AP Science Pathway AP Science or Science Elective</i>	<i>Alternate AP Science Pathway AP Science or Science Elective</i>
Algebra I A	Algebra I B	Geometry A	Geometry B	Algebra II A	Algebra II B	PreCalculus A or Statistics A	PreCalculus B or Statistics B
World Geography	Geography & Society	US History A or AP US History	US History B or AP US History	Optional: College Prep w/ ACT or SAT	Career Planning & Skill Development	American Government A or AP American Gov.	American Government B or AP American Gov.
Health, Fitness, & Nutrition	Physical Education	Personal Fitness	Healthy Choices	World Language, Career Technical, or Fine Arts Elective	World Language, Career Technical, or Fine Arts Elective	General, AP, Social Studies or Humanities Elective	General, AP, Social Studies or Humanities Elective
High School Success	General, Career Technical, or Fine Arts Elective	World Language, Career Technical, or Fine Arts Elective	World Language, Career Technical, or Fine Arts Elective	General, AP, Social Studies or Humanities Elective	General, AP, Social Studies or Humanities Elective	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective
General, World Language, Career Technical, or Fine Arts Elective	General, World Language, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	Senior Success	General, Career Technical, or Fine Arts Elective
Trade School/Military/HS Diploma Bound Progression Plan							
9th Grade		10th Grade		11th Grade		12th Grade	
English 9 A	English 9 B	English 10 A	English 10 B	English 11 A	English 11 B	English 12 A	English 12 B
Earth Science A	Earth Science B	Biology A	Biology B	Environmental Science A or Physical Science A	Environmental Science B or Physical Science B	Optional Science Elective	Optional Science Elective
Algebra I A	Algebra I B	Geometry A	Geometry B	Algebra II A or Financial Algebra A	Algebra II B or Financial Algebra B	Optional Math Elective	Optional Math Elective
<i>Alternate Math Pathway Algebra 1 A Part 1</i>	<i>Alternate Math Pathway Algebra 1 A Part 2</i>	<i>Alternate Math Pathway Algebra 1 B Part 1</i>	<i>Alternate Math Pathway Algebra 1 B Part 2</i>	<i>Alternate Math Pathway Geometry A</i>	<i>Alternate Math Pathway Geometry B</i>	<i>Alternate Math Pathway Optional Math Elective</i>	<i>Alternate Math Pathway Optional Math Elective</i>
World Geography	Geography & Society	US History A	US History B	General, Career Technical, or Fine Arts Elective	Career Planning & Skill Development	American Government A	American Government B
Health, Fitness, & Nutrition	Physical Education	Personal Fitness	Healthy Choices	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Social Studies or Humanities Elective	General, Social Studies or Humanities Elective
High School Success	General, Career Technical, or Fine Arts Elective	World Language, Career Technical, or Fine Arts Elective	World Language, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective
General, World Language, Career Technical, or Fine Arts Elective	General, World Language, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Career Technical, or Fine Arts Elective	General, Social Studies or Humanities Elective	General, Social Studies or Humanities Elective	Senior Success	General, Career Technical, or Fine Arts Elective

WillCA Available Courses 2021-2022

Willamette Connections Academy Course Opportunities 2021-2022			
Language Arts English 9 A (Honors Option) English 9 B (Honors Option) English 10 A (Honors Option) English 10 B (Honors Option) English 11 A (Honors Option) English 11 B (Honors Option) English 12 A (Honors Option) English 12 B (Honors Option) <u>English Electives:</u> Journalism A Journalism B Reading and Writing with a Purpose (Semester 1) Speech and Debate (Semester 2) Public Speaking (Semester 1)	Social Studies American Government (Semester 1) American Government A (Honors Option) American Government B (Honors Option) Economics (Semester 2) Geography and Society (Semester 2) Introduction to Psychology Introduction to Sociology Personal Finance Psychology A Psychology B United States History A (Honors Option) United States History B (Honors Option) World Geography (Semester 1) World History A (Honors Option) World History B (Honors Option)	Humanities AP Spanish Language A AP Spanish Language B Art History A Art History B Digital Photography I A Digital Photography I B Introduction to Graphic Design A Introduction to Graphic Design B Sign Language I A Sign Language I B Sign Language II A Sign Language II B Spanish I A Spanish I B Spanish II A Spanish II B Spanish III A Spanish III B Spanish IV A Spanish IV B	Course Offered through Pearson OBL <i>These courses are taught by staff outside of WillCA</i> Accounting I and II Advertising and Sales Promotion Anatomy and Physiology AP Art History A AP Art History B AP Biology A and B AP Calculus AB A and B AP Calculus BC A and B AP Computer Science A (A) AP Computer Science A (B) AP English Language & Composition A and B AP English Literature & Composition A and B AP Environmental Science A and B AP Human Geography A and B AP Macroeconomics AP Microeconomics AP Psychology AP Statistics A and B AP United States Government and Politics AP United States History A and B Art and World Cultures A and B Business Information Systems Chinese I through III College Prep with ACT Computer Science 1 A Concepts of Engineering and Technology Entrepreneurship: Starting Your Own Business A French I through IV German I through III HS Introduction to Online Learning Human Development Human Resource Management International Business Introduction to Business Introduction to Communication Introduction to Finance Introduction to Medical Assisting Japanese I and II Latin I through III Leadership and Supervision in Business Living Music I and II Principles of Health Science A Principles of Management Principles of Marketing Sports Management
Career Technical 2-D Animation (Semester 1) 3-D Computer Modeling A 3-D Computer Modeling B Administrative Duties (Semester 2) Business Law (Semester 2) Business Math (Semester 1) Career Planning and Skill Development Criminal Investigation (Semester 2) Game Design I A Game Design I B Game Design II Game Design II Internship & Work Study B Introduction to Computer Applications Introduction to Criminal Justice (Semester 1) Introduction to Early Childhood Ed (Semester 2) Introduction to Homeland Security (Semester 1) Introduction to Law (Semester 1) Introductory Astronomy (Semester 2) Java Programming I Java Programming II Medical Law and Ethics (Semester 2) Medical Terminology (Semester 1) Web Design I A Web Design I B	Health and PE Health, Fitness, and Nutrition Healthy Choices Personal Fitness Physical Education	Mathematics Algebra 1 A (Honors Option) Algebra 1 A, Part 1 Algebra 1 A, Part 2 Algebra 1 B (Honors Option) Algebra 1 B, Part 1 Algebra 1 B, Part 2 Algebra 2 A (Honors Option) Algebra 2 A, Part 1 Algebra 2 A, Part 2 Algebra 2 B (Honors Option) Algebra 2 B, Part 1 Algebra 2 B, Part 2 Calculus A Calculus B Financial Algebra A Financial Algebra B Geometry A (Honors Option) Geometry B (Honors Option) Precalculus A (Honors Option) Precalculus B (Honors Option) Statistics A Statistics B	
Student Success Courses High School Success Senior Success	Science Biology A (Honors Option) Biology B (Honors Option) Chemistry A (Honors Option) Chemistry B (Honors Option) Earth Science A (Honors Option) Earth Science B (Honors Option) Environmental Science A Environmental Science B Forensic Science (Semester 1) Marine Science A (Honors Option) Marine Science B (Honors Option) Physical Science A Physical Science B Physics A (Honors Option) Physics B (Honors Option)	Independent Study Independent Study - General Independent Study - Physical Education	

WillCA Course Descriptions

[Click Here to review the Math Courses](#)

[Click Here to review the English Courses](#)

[Click Here to review the Science Courses](#)

[Click Here to review the Social Studies Courses](#)

[Click Here to review the World Languages Courses](#)

[Click Here to review the Health and Physical Education Courses](#)

[Click Here to review the Electives Courses](#)

Math Courses

Course: Algebra I A

Grade Level: 9

Level: Standard, Honors

Prerequisites: Pre-Algebra

Credits: 0.5

Recommendations: None

This course is the first of two that comprise Algebra 1. In this course, the student will gain a foundational understanding of the real number system, expressions, equations, and inequalities. The student will be taught to solve simple and multi-step equations and inequalities and represent those solutions graphically. In addition, students will explore linear or nonlinear functions and represent those functions on the coordinate plane. Finally, the student will solve systems of equations and inequalities and represent those solutions graphically. Throughout the course, problem solving, critical thinking, and real-world application of mathematical concepts will be required.

Course: Algebra I B

Grade Level: 9

Level: Standard, Honors

Prerequisites: Pre-Algebra

Credits: 0.5

Recommendations: None

This course is the second part of a two-part sequence covering Algebra 1. The student will use his knowledge of real number operations, expressions, equations, inequalities, and functions to solve algebra concepts. This course will introduce the student to exponents and use those exponent rules to solve exponential functions. The student will learn how to identify and solve polynomial equations using a variety of methods including factoring. The student will also learn how to work with quadratic functions and equations and represent both of those on a coordinate plane. The student will work with radical and rational expressions and solve rational equations. Throughout the course, problem solving, critical thinking, and real-world application of mathematical concepts will be required.

Course: Geometry A

Grade Level: 10

Level: Standard, Honors

This is the first of two courses that comprise Geometry. Throughout the course, the student will use virtual manipulatives and tools to explore the principles of logic, proofs, and constructions. The student will use the midpoint and distance formulas to solve a variety of problems involving the coordinate plane. The student will also study parallel and perpendicular lines, including special angle pairs. The student will explore transformations in the coordinate plane and apply them to other geometrical concepts. This course will conclude with the use of triangle concepts to find angle measures, prove triangles congruent, and discover relationships within one and two triangles. Throughout the course, the student will learn concepts through a variety of instructional strategies, solve real-world applications, and complete an assortment of activities.

Prerequisites: Algebra 1

Credits: 0.5

Recommendations: None

Course: Geometry B

Grade Level: 10

Level: Standard, Honors

This is the second of two courses that comprise Geometry. Throughout the course, the student will use virtual manipulatives and tools to explore area, surface area, and volume, and study the concept of similarity as it relates to various figures. The student will begin with an exploration of polygons, with a focus on different types of quadrilaterals. The student will use Trigonometry and right triangle concepts, such as 30-60-90, 45-45-90, and the Pythagorean Theorem to solve problems. The student will learn to use formulas to find the areas of a variety of two-dimensional shapes. This course concludes with an exploration of concepts related to circles, such as arcs, angles, and intersecting lines such as chords, secants, and tangents. Throughout the course, the student will learn concepts through a variety of instructional strategies, solve real-world applications, and complete an assortment of activities.

Prerequisites: Algebra 1

Credits: 0.5

Recommendations: None

Course: Algebra II A

Grade Level: 11

Level: Standard, Honors

In the first semester of this algebra course, the student will review and expand on her learning from previous algebra courses. The beginning units will focus mostly on the equation and the inequality. The student will write, solve, and graph these in a variety of real-world scenarios. The last few units will focus on types of functions. The student will continue her study of quadratic functions from previous algebra courses, but will expand this to include exponential and logarithmic functions. As before, the student will write, solve, and graph these functions. Use of a graphing calculator is encouraged.

Prerequisites: Algebra I & Geometry

Credits: 0.5

Recommendations: None

Course: Algebra II B

Grade Level: 11

Level: Standard, Honors

Prerequisites: Algebra I & Geometry

Credits: 0.5

Recommendations: None

In this second semester of this algebra course, the student will strengthen his algebraic problem-solving abilities and deepen an understanding of mathematics. The student will, among other things, explore operations, graphs, and real-world applications related to both radical and rational functions, observe different types of geometric and arithmetic patterns, examine graphs and equations of conic sections, and calculate probabilities. The course will conclude with an introduction to trigonometry and its associated functions.

Course: Statistics A

Grade Level: 11, 12

Level: Standard

Prerequisites: Algebra I, Algebra II, Geometry

Credits: 0.5

Recommendations: None

In this course, the student will become familiar with the vocabulary, method, and meaning in the statistics, which exist in the world around them. This is an applied course in which students actively construct their own understanding of the methods, interpretation, communication, and application of statistics. Each unit is framed by enduring understandings and essential questions designed to allow students a deep understanding of the concepts at hand rather than memorization and emulation. The TI-83+/84 OR 89 calculator and computers will be used to explore the world of data and the patterns which can be found by analyzing this information as well as statistical relationships. General topics of study include exploring data, planning and design of a study, and anticipating patterns. *A TI-83+ or TI-84+ graphing calculator is required for this course.

Course: Statistics B

Grade Level: 11, 12

Level: Standard

Prerequisites: Algebra I, Algebra II, Geometry

Credits: 0.5

Recommendations: None

In this course, the student will become familiar with the vocabulary, method, and meaning in the statistics, which exist in the world around them. This is an applied course in which students actively construct their own understanding of the methods, interpretation, communication, and application of statistics. Each unit is framed by enduring understandings and essential questions designed to allow students a deep understanding of the concepts at hand rather than memorization and emulation. The TI-83+/84 OR 89 calculator and computers will be used to explore the world of data and the patterns which can be found by analyzing this information as well as statistical relationships. General topics of study include exploring data, planning and design of a study, and anticipating patterns. *A TI-83+ or TI-84+ graphing calculator is required for this course.

Course: Pre-Calculus A

Grade Level: 11, 12

Level: Standard, Honors

Prerequisites: Algebra I, Algebra II, Geometry

Credits: 0.5

Recommendations: B or higher in each prerequisite

This is the first of two courses that comprise Pre-calculus. In this course, the student will continue to study higher-level mathematics. The student will begin by reviewing the fundamental concepts in algebra that serve as building blocks for an in-depth study of functions and graphs. Next, the student will explore and analyze polynomial, rational, radical, exponential, logarithmic, and piecewise functions. The student will further delve into quadratics with a unit on the conic sections. Finally, the student will explore sequences and series. A content thread throughout the course focuses on ways mathematics is applied in the real world and is essential to everyday life. These real-world connections, combined with an emphasis on mathematical reasoning and critical thinking skills, prepare the student for future college and career opportunities.

Course: Pre-Calculus B

Grade Level: 11, 12

Level: Standard, Honors

Prerequisites: Algebra I, Algebra II, Geometry

Credits: 0.5

Recommendations: B or higher in each prerequisite

This is the second of two courses that comprise Pre-calculus. In this course, the student will continue to study higher-level mathematics. The student will expand knowledge of trigonometric concepts, including trigonometric functions and identities, before being introduced to polar coordinates and equations. Next, the student will explore vectors and parametric equations. Finally, the student will examine calculus concepts including limits and derivatives in preparation for studying Calculus. A content thread throughout the course focuses on ways mathematics is applied in the real world and is essential to everyday life. These real-world connections, combined with an emphasis on mathematical reasoning and critical thinking skills, prepare the student for future college and career opportunities.

Course: Calculus A

Grade Level: 12

Level: Standard, Honors

Prerequisites: Pre-Calculus

Credits: 0.5

Recommendations: B or higher in Pre-Calculus

Calculus A introduces limits, differentiation, and applications of differentiation. The student will find and evaluate finite and infinite limits graphically, numerically, and analytically. The student will find derivatives using a variety of methods including the chain rule and implicit differentiation. Then the student will use the first derivative test and the second derivative test to analyze and sketch functions. Finally, the student will find derivatives using a variety of methods including substitution. The use of a graphing calculator is considered an integral part of the course and the student will use a graphing calculator throughout this course.

Course: Calculus B

Grade Level: 12

Level: Standard, Honors

Prerequisites: Pre-Calculus

Credits: 0.5

Recommendations: B or higher in Pre-Calculus

Calculus B introduces integration of functions, differential equations, and applications of integration. The student will calculate antiderivatives using a variety of methods including substitution. The student will evaluate integrals using a variety of methods including numerical integration. Then the student will understand and apply Riemann sums, definite integrals, and the Fundamental Theorem of Calculus. In particular, the student will differentiate and integrate logarithmic, exponential, and inverse trigonometric functions. The student will solve simple differential equations, which can be solved by separation of variables, and use the calculations to solve applied problems. The student will use integration to determine the area between two curves, volume, and surface area. Finally, the student will apply integration to determine work, center of mass, and fluid force. The use of a graphing calculator is considered an integral part of the course and the student will use a graphing calculator throughout this course.

Course: AP Calculus AB A

Grade Level: 12

Level: Advanced Placement

Prerequisites: Honors Pre-Calculus

Credits: 0.5

Recommendations: B or higher in Pre-Calculus or teacher recommendation

AP Calculus AB is a college-level course covering such concepts as derivatives, integrals, limits, approximation, applications, and modeling. In the first semester, the student will begin by reviewing function notation, before exploring absolute value, piecewise, exponential, logarithmic, trigonometric, polynomial, and rational functions. After studying limits and continuity, the student will move on to concepts of derivatives, including the chain rule, differentiation, implicit differentiation, and logarithmic differentiation. *A TI-83+ or TI-84+ graphing calculator is required for this course. **Students are expected to take the AP exam.

Course: AP Calculus AB B

Grade Level: 12

Level: Advanced Placement

Prerequisites: Honors Pre-Calculus

Credits: 0.5

Recommendations: B or higher in Pre-Calculus or teacher recommendation

AP Calculus AB is a college-level course covering such concepts as derivatives, integrals, limits, approximation, applications, and modeling. The student will learn integration techniques and be introduced to differential equations, along with other supplementary topics. *A TI-83+ or TI-84+ graphing calculator is required for this course. *A TI-83+ or TI-84+ graphing calculator is required for this course. **Students are expected to take the AP exam.

Course: AP Calculus BC A
Grade Level: 12
Level: Advanced Placement

Prerequisites: Honors Pre-Calculus
Credits: 0.5
Recommendations: B or higher in Pre-Calculus or teacher recommendation

AP Calculus BC is an extension of Calculus AB. Comparable to college and university calculus, this course will help prepare students for the Calculus BC Advanced Placement exam. The course emphasizes broad concepts and applicable methods. The student will describe and analyze functions, limits, and graphs, calculate and apply derivatives, and interpret and apply integrals. The course provides opportunities for the student to apply concepts to real-world situations. *A TI-83+ or TI-84+ graphing calculator is required for this course. **Students are expected to take the AP exam.

Course: AP Calculus BC B
Grade Level: 12
Level: Advanced Placement

Prerequisites: Honors Pre-Calculus
Credits: 0.5
Recommendations: B or higher in Pre-Calculus or teacher recommendation

AP Calculus BC is an extension of Calculus AB. Comparable to college and university calculus, this course will help prepare students for the Calculus BC Advanced Placement exam. The course emphasizes broad concepts and applicable methods. The student will explore differential equations, employ analytic geometry to interpret polar, vector, parametric and planar curves, and study polynomial approximations and series. The course provides opportunities for the student to apply concepts to real-world situations. *A TI-83+ or TI-84+ graphing calculator is required for this course. **Students are expected to take the AP exam.

Course: AP Statistics A
Grade Level: 12
Level: Advanced Placement

Prerequisites: Pre-Calculus (with a B or higher)
Credits: 0.5
Recommendations: Teacher Recommendation

In this first semester course, the student will become familiar with the vocabulary, method, and meaning in the statistics that exist in the world. This is an applied course in which the student will actively construct his own understanding of the methods, interpretation, communication, and application of statistics. All topics, including univariate and bivariate data, studies and experiments, probability, and distributions, are framed by enduring understandings and essential questions designed to allow the student a deep understanding of the concepts at hand rather than memorization and emulation. The student will also complete several performance tasks throughout the first semester of AP Statistics consisting of relevant, open-ended tasks requiring the student to connect multiple statistical topics together. The TI-83+/84 OR 89 calculator and computers will be used to explore the world of data and the patterns which can be found by analyzing this information as well as statistical relationships. General topics of study include exploring data, planning and design of a study, anticipating patterns, and statistical inference. *A TI-83+ or TI-84+ graphing calculator is required for this course. **Students are expected to take the AP exam.

Course: AP Statistics B

Grade Level: 12

Level: Advanced Placement

Prerequisites: Pre-Calculus (with a B or higher)

Credits: 0.5

Recommendations: Teacher Recommendation

In this second semester course, the student continues to study the vocabulary, methods, and meaning in the statistics that exist in the world. This is an applied course in which the student will actively construct his or her own understanding of the methods, interpretation, communication, and application of statistics. All topics, including inferences, probability distributions, means, confidence intervals, and significance tests, are framed by enduring understandings and essential questions designed to allow the student a deep understanding of the concepts at hand rather than by memorization and emulation. The student will also complete several performance tasks throughout the second semester course consisting of relevant, open-ended tasks requiring the student to connect multiple statistical topics together. The TI-83+/84 OR 89 calculator and computers will be used to explore the world of data and the patterns that can be found by analyzing this information as well as statistical relationships. General topics of study include exploring data, planning and design of a study, anticipating patterns, and statistical inference. *A TI-83+ or TI-84+ graphing calculator is required for this course. **Students are expected to take the AP exam.

English Courses

Course: English 9 A

Grade Level: 9

Level: Standard, Honors

Prerequisites: None

Credits: 0.5

Recommendations: None

This is the first of two courses that comprise English 9. In this course, the student will take an in-depth look at a variety of literature selections. In reading and responding to these diverse selections, the student will gain a thorough understanding of fiction and nonfiction genres, including short stories, essays, poetry, and drama. The student will also read Jack London's *The Call of the Wild*. This selection enables the student to explore universal themes and make connections between the characters' experiences and his own. Harper Lee's *To Kill a Mockingbird* may be read instead of *The Call of the Wild*. Writing instruction focuses on analytical and expository writing but also provides opportunities for the student to write creatively.

Course: English 9 B

Grade Level: 9

Level: Standard, Honors

Prerequisites: None

Credits: 0.5

Recommendations: None

This is the second of two courses that comprise English 9. In this course, the student continues to explore a variety of literature selections from world literature, including well-known works. The student will learn strategies for reading epic poetry and study the characteristics of suspense stories. Also, the student will analyze the elements of drama as he reads William Shakespeare's *Romeo and Juliet*. George Orwell's *Animal Farm* maybe read instead of *Romeo and Juliet*. Writing instruction focuses on analytical and expository writing including in-depth instruction in the process of writing a research paper. This project teaches the student to critically analyze primary and secondary sources and to effectively support his ideas with information gathered from outside sources.

Course: English 10 A

Grade Level: 10

Level: Standard, Honors

Prerequisites: English 9 A/B

Credits: 0.5

Recommendations: None

This is the first of two courses that comprise English 10. In this course, the student will explore the timeless themes of world literature, including works from the Americas, Europe, and Africa. In reading these diverse selections, the student will gain a thorough understanding of fiction genres, including classics, contemporary fiction, poetry, and drama. The student will also read Mark Twain's *Adventures of Huckleberry Finn*. John Steinbeck's novella *Of Mice and Men* may be read instead of *Adventures of Huckleberry Finn*. In reading these American literature selections and creating a multimedia presentation, the student will understand longer works of literature in their historical and literary context. Writing instruction guides the student through the process of composing expository and analytical essays. It also provides opportunities for the student to write creatively; the student will compose a short story and poem. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.

Course: English 10 B

Grade Level: 10

Level: Standard, Honors

Prerequisites: English 10A

Credits: 0.5

Recommendations: None

This is the second of two courses that comprise English 10. In this course, the student will continue to explore the timeless themes of world literature, including works from Europe, the Middle East, Asia, and the Pacific Rim. In reading these diverse selections, the student will gain a thorough understanding of fiction genres, including classics, contemporary fiction, poetry, and drama. The student will also read Oscar Wilde's play *The Importance of Being Earnest*. George Bernard Shaw's play *Pygmalion* may be read instead of *The Importance of Being Earnest*. In reading these British plays and composing a dramatic scene, the student will understand drama in its historical and literary context. Writing instruction guides the student through the process of composing a descriptive portrait, a research paper, and a persuasive speech. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.

Course: English 11 A

Grade Level: 11

Level: Standard, Honors

Prerequisites: English 10 A/B

Credits: 0.5

Recommendations: None

This is the first of two courses that comprise English 11. In this course, the student will focus on the literary movements that comprise American literature, and trace the chronology of national literature from the early American and colonial period through the periods of Realism and Regionalism. In reading these diverse selections, the student will gain a thorough understanding of fiction, including short stories, poetry and drama; as well as nonfiction genres, including the oral tradition, seminal historical documents, and speeches. The student will also read Jerome Lawrence and Robert E. Lee's play *The Night Thoreau Spent in Jail*. Arthur Miller's play *The Crucible* may be read instead of *The Night Thoreau Spent in Jail*. In reading these American plays and composing a dramatic scene, the student will understand drama in its historical and literary context. Writing instruction guides the student through the process of composing a descriptive essay and modeling the style of an American author. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.

Course: English 11 B

Grade Level: 11

Level: Standard, Honors

Prerequisites: English 11 A

Credits: 0.5

Recommendations: None

This is the second of two courses that comprise English 11. In this course, the student will focus on the literary movements that comprise American literature, and trace the chronology of national literature from the Modernist through the Contemporary period. In reading and responding to these diverse literature selections, the student will gain a thorough understanding of a myriad of fiction and nonfiction genres, including short stories, essays, poetry, drama, memoirs, and autobiographies. The student will also read F. Scott Fitzgerald's novel *The Great Gatsby*. Ernest Hemingway's novella *The Old Man and the Sea* may be read instead of *The Great Gatsby*. In reading these American literature selections, the student will understand longer works of literature in their historical and literary context. Writing instruction guides the student through the process of composing a literary analysis and a research paper. Throughout the course, the student expands his vocabulary in context. The mastery of both critical vocabulary and grammar skills helps the student become a more thoughtful and effective reader and writer.

Course: English 12 A

Grade Level: 12

Level: Standard, Honors

Prerequisites: English 11 A/B

Credits: 0.5

Recommendations: None

This is the first of two courses that comprise English 12. In this course, the student will take an in-depth look at early British literature from 449 to 1798 and will examine literary forms including the epic, poetry, drama, and the essay. The student will also read longer selections of literature that are representative of the historical setting, including Shakespeare's *Macbeth*. The student will read to gain an understanding and appreciation of the historical context from which the literature arose. Vocabulary development and mastery of critical grammar and communication skills prepare the student for writing creative narratives, and expository and persuasive essays.

Course: English 12 B

[Return to Course Description Home Page](#)

Grade Level: 12
Level: Standard, Honors

Prerequisites: English 12 A
Credits: 0.5
Recommendations: None

This is the second of two courses that comprise English 12. In this course, the student continues to explore a variety of literature selections from British literature, including well-known works. The student will learn strategies for reading lyric poetry and study the characteristics of reflective essays. The student will analyze poetry, short stories, and essays from the Romantic Period, Victorian Age, and Modern Era and will determine how the historical context affected the thematic material and writing style from each era. Writing instruction focuses on literary analysis, including in-depth instruction in the process of writing a research paper. This project teaches the student to critically analyze primary and secondary sources and to effectively support his ideas with information gathered from outside sources.

Course: AP English Language & Composition A
Grade Level: 11
Level: AP

Prerequisites: English 10 A/B
Credits: 0.5
Recommendations: Teacher recommendation

This course may be an 11th grade student's English course. The AP English Language and Composition course will provide the high school student with college level instruction in studying and writing various kinds of analytic or persuasive essays on literary and nonliterary topics in language, rhetoric, and expository writing. The student will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both the student's reading and writing should make others aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way writing conventions and language contribute to effectiveness in writing. This course will effectively prepare the student for the AP exam by enabling him to read, comprehend, and write about complex texts, while developing further communication skills on a college level.

*Students are expected to take the AP exam.

Course: AP English Language & Composition B
Grade Level: 11
Level: AP

Prerequisites: AP English Language & Composition A
Credits: 0.5
Recommendations: Teacher recommendation

This course may be an 11th grade student's English course. The AP Language and Composition course will provide high school students with college level instruction in studying and writing various kinds of analytic or persuasive essays on literary and nonliterary topics in language, rhetoric and expository writing. Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both their reading and writing should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way writing conventions and language contribute to effectiveness in writing. This course will effectively prepare students for the AP Exam by enabling them to read, comprehend, and write about complex texts, while developing further communication skills on a college level. *Students are expected to take the AP exam.

Course: AP English Literature & Composition A
Grade Level: 12
Level: AP

[Return to Course Description Home Page](#)

Prerequisites: English 11A/B or AP Language A/B

Credits: 0.5

Recommendations: Teacher recommendation

This course may be an 12th grade student's English course. For a year, the student will participate in an AP upscale dining experience in the AP Literature and Composition course. The student will act as a food critic of exquisite literary cuisine. Menu items include reading, analyzing, writing, rewriting, and discussing creations by the master chefs, renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this dining experience equips the student with recipes for success in college, in a career, and on the AP exam. *Students are expected to take the AP exam.

Course: AP English Literature & Composition B

Grade Level: 12

Level: AP

Prerequisites: AP English Literature & Composition A

Credits: 0.5

Recommendations: Teacher recommendation

This course may be an 12th grade student's English course. For a year, students will participate in an AP upscale dining experience in the AP Literature and Composition course. The students will act as food critics of exquisite literary cuisine. Menu items include reading, analyzing, writing, rewriting, and discussing creations by the master chefs, or renowned authors. With intensive concentration on composition skills and on authors' narrative techniques, this dining experience equips students with the recipes for success in college, in a career, and on the AP exam. *Students are expected to take the AP exam.

Course: Journalism A

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This is the first of two courses that comprise Journalism. In this course, the student will have the opportunity to experience what it is like to work on an online news publication. In addition, he will learn about issues in journalism from early print editions to today's multi-media formats. In addition, lessons in "Introduction to Journalism" in the first semester and "Issues in Journalism" in the second semester will satisfy the objectives of a traditional high school journalism class.

Course: Journalism B

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This is the second of two courses that comprise Journalism. In this course, the student will have the opportunity to experience what it is like to work on an online news publication. In addition, he will learn about issues in journalism from early print editions to today's multi-media formats. In addition, lessons in "Introduction to Journalism" in the first semester and "Issues in Journalism" in the second semester will satisfy the objectives of a traditional high school journalism class.

Course: Speech and Debate
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

In this course, the student will learn how to apply visuals, style, stories, organization, and nonverbal communication to speeches. The student will learn tactics to help overcome fear, participate in debates, and rehearse effectively. The student will also learn how to evaluate great speeches from history as well as more modern media messages. This Speech and Debate course was developed by Connections Academy with content and video excerpts provided by TJ Walker, Media Training Worldwide. Connections Academy's use of all content, including any video excerpts, is for educational purposes only, and specifically, for purposes of review, criticism, illustration or comment. All images, names, logos, and depictions belong to their respective parties.

Course: Reading and Writing with Purpose
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

This course introduces useful, real-world information by having students learn to read legal, insurance, employment, and vehicle related documents. Furthermore, students will explore media bias, trends in journalism, word structures, and research strategies. To entrench real-world applications, students will learn how to critically read, identify good sources of information, and create an outline, making this course an asset to building life and study skills.

Science Courses

Course: Earth Science A
Grade Level: 9, 10, 11, 12
Level: Standard, Honors

Prerequisites: None
Credits: 0.5
Recommendations: None

This is the first of two courses that comprise Earth Science. This course is designed to prepare the student to confidently enter and complete college-level Earth science courses. The Prentice Hall text, Earth Science, provides the basis for the course content. This course consists of varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The student will engage in hands-on explorations and virtual simulations, which will enhance traditional lesson formats. During this course, the student will identify the branches of Earth science, locate geographic features on topographic maps, conduct hands-on experiments with minerals and rocks, compare and contrast weathering and erosion, explore plate tectonics with relation to earthquakes and volcanoes, and investigate the formation of mountains.

Course: Earth Science B

Grade Level: 9, 10, 11, 12

Level: Foundations, Standard, Honors

Prerequisites: Earth Science A

Credits: 0.5

Recommendations: None

This is the second of two courses that comprise Earth Science. This course is designed to prepare the student to confidently enter and complete college-level Earth science courses. The Prentice Hall text, Earth Science, provides the basis for the course content. This course consists of varied curriculum that provides the student the opportunity to explore, compare, research, reflect, and make real-world connections. The student will engage in hands-on explorations and virtual simulations, which will enhance traditional lesson formats. During this course, the student will explore Earth's history by studying fossils and rock layers; investigate oceanic productivity and features on the seafloor; learn about atmospheric processes, including the water cycle; infer how severe storms form; study the Earth-moon-sun relationship; and explore other celestial bodies, such as stars.

Course: Marine Science A/B

Grade Level: 10, 11, 12

Level: Standard, Honors

Prerequisites: None

Credits: 0.5

Recommendations: None

Have you ever wondered about the secrets of the deep, and how the creatures below the ocean's surface live and thrive? It is truly a new frontier of discovery, and in Marine Science, you will begin to understand a great deal more about the aquatic cycles, structures, and processes that generate and sustain life in the sea. Through the use of scientific inquiry, research, measurement, and problem solving, you will conduct various scientific procedures that will lead to an increased level of knowledge about Marine Science. You will also have the opportunity to use technology and laboratory instruments in an academic setting. By recognizing the inherent ethics and safety procedures necessary in advanced experiments, you will become progressively more confident in your abilities as a capable marine scientist. *Students should complete Marine Science A before enrolling in Marine Science B.

Course: Environmental Science A/B

Grade Level: 10, 11, 12

Level: Standard, Honors

Prerequisites: None

Credits: 0.5

Recommendations: None

This is the first of two courses that comprise Environmental Science. This course offers the student an opportunity to gain an understanding of the concepts fundamental to environmental science. These concepts are keys that will help unlock our abilities to safeguard resources, manage waste, reduce pollution, protect the food chain, adapt to changing fuel needs, and champion our planet on all levels – from the conscientious management of the smallest household to the protection of the largest biospheres. *Students should complete Environmental Science A before enrolling in Environmental Science B. **This is not a lab science but may be taken as an elective.

Course: Biology A/B

Grade Level: 9, 10

Level: Standard, Honors

Prerequisites: None

Credits: 0.5

Recommendations: None

In this course, the student will study the science of life. The student will explore the idea that living things are extremely diverse in form, yet are unified by certain core characteristics that they all share. In learning about these core characteristics, the student will be able to critically evaluate data and information related to biological problems, connect many ideas to the student's own life, and see the world in a new way.*Students should complete Biology A before enrolling in Biology B.

Course: Chemistry A

Grade Level: 10, 11, 12

Level: Standard, Honors

Prerequisites: None

Credits: 0.5

Recommendations: Algebra 1

In this first of two courses that comprise Chemistry, the student will explore the fundamental concepts of chemistry as he/she engages in reading and responding exercises, hands-on and virtual lab experiments, and interdisciplinary problem-solving activities. The student will build on prior knowledge to learn how to model the structure of an atom, analyze the periodic table of elements, represent and interpret reactions between atoms and molecules, and perform calculations to solve problems in chemistry. The course provides many opportunities for the student to apply these concepts to real-world situations.

Course: Chemistry B

Grade Level: 10, 11, 12

Level: Standard, Honors

Prerequisites: Chemistry A

Credits: 0.5

Recommendations: Algebra 1

In this second of two courses that comprise Chemistry, the student will explore the fundamental concepts of chemistry as he engages in reading and responding exercises, hands-on and virtual lab experiments, and interdisciplinary problem-solving activities. Throughout the course the student will analyze the nature of solids, liquids, and gases, investigate the properties of solutions, describe and calculate the energies of different types of reactions, begin to explore electrochemistry, and continue to examine the fundamental concepts of nuclear and organic chemistry. The course provides many opportunities for the student to apply these concepts to real-world situations.

Course: Physics A

Grade Level: 11, 12

Level: Standard, Honors

Prerequisites: Algebra 2

Credits: 0.5

Recommendations: None

The goal of physics is to describe the physical world using a small number of basic assumptions, concepts, and equations. In this course, emphasis is placed on relating physics to the everyday world. The student will explore the concepts involved with motion in one- and two-dimensions, forces, work and energy, momentum and collisions, circular motion and gravitation. The students will recognize the importance of the laws of thermodynamics. Approximately 40 percent of the course involves virtual laboratory investigations. Some activities will require ordinary household items such as rulers, meter sticks, balls or marbles, string, paper, and pencils. Physics A focuses on understanding motion. The student will learn kinematic equations and apply them to various situations. The student will explore forces, work, and energy and apply these concepts in the special case of circular motion. Heat and the laws of thermodynamics are covered.

Course: Physics B

Grade Level: 11, 12

Level: Standard, Honors

Prerequisites: Algebra 2, Physics A

Credits: 0.5

Recommendations: None

The goal of physics is to describe the physical world using a small number of basic assumptions, concepts, and equations. In this course, emphasis is placed on relating physics to the everyday world. The student will learn the characteristics of waves and describe the behavior of waves with emphasis on light and sound. The student will understand the relationship between electricity and magnetism. Finally, the student will gain a simple understanding of atomic physics. Approximately 40 percent of the course involves virtual laboratory investigations. Some activities will require ordinary household items such as rulers, meter sticks, balls or marbles, string, paper, and pencils. Physics B focuses on waves, in particular sound and light. Then the course moves to understanding electricity and magnetism and the relationship between the two. It concludes with a basic exploration of atomic physics.

Course: Forensic Science

Grade Level: 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

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 and examine how various elements of the crime scene are analyzed and processed. **This is not a lab science but may be taken as an elective.

Course: Introduction to Astronomy

Grade Level: 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce the student 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. Using online tools, the student will examine the life cycle of stars, the properties of planets, and the exploration of space. *This is not a lab science but may be taken as an elective.

Course: AP Biology A

Grade Level: 11, 12

Level: Advanced Placement

Prerequisites: Biology A/B

Credits: 0.5

Recommendations: Algebra 1, Chemistry A/B, teacher recommendation

AP Biology A is taught at the same level as a first-year college biology class. In this course, the student will develop a framework for biology and gain a deeper understanding of science as a process. Some of the major themes throughout this course include organic molecules and free energy changes, prokaryotic and eukaryotic cells, cellular energetics, heredity, and molecular genetics. This course adheres closely to the College Board standards for AP Biology and will prepare the student to take the AP Biology Exam. *Students are expected to take the AP exam.

Course: AP Biology B

Grade Level: 11, 12

Level: Advanced Placement Prerequisites: AP Biology A

Credits: 0.5

Recommendations: Algebra 1, Chemistry A/B, teacher recommendation

AP Biology B is taught at the same level as a first-year college biology class. In this course, the student will develop a framework for biology and gain a deeper understanding of science as a process. Some of the major themes throughout this course include diversity of organisms, the structure and function of plants and animals, population dynamics, and global issues with ecology. This course adheres closely to the College Board standards for AP Biology and will prepare the student to take the AP Biology Exam. *Students are expected to take the AP exam.

Course: AP Environmental Science A/B
 Grade Level: 11, 12
 Level: Advanced Placement

Prerequisites: Algebra 1
 Credits: 0.5
 Recommendations: Two years of previous lab science, teacher recommendation

The goal of AP Environmental Science is to provide the student with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world and to identify and analyze environmental problems that are natural and made by humans. The student will evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing problems. Laboratory experiments support student content mastery in both hands-on and virtual experiences. *Students should complete AP Environmental Science A before enrolling in AP Environmental Science B. *Students are expected to take the AP exam.

Social Studies Courses

Course: U.S. History A
 Grade Level: 10, 11, 12
 Level: Standard, Honors

Prerequisites: None
 Credits: 0.5
 Recommendations: None

This is the first of two courses that comprise United States History. This course will explore the growth of American society and the emergence of the United States as a world power. The course covers the significant developments in America's past from Reconstruction to World War I with a brief review of early settlement, colonization, and the development of America as an independent nation. The student will focus on American political, economic, and social history from a chronological point of view. Activities in this course are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information, as well as to communicate his or her ideas to others. Geography skills will be interwoven in the lessons, as the student makes connections between the evolution of America's geography and its historical impact.

Course: U.S. History B
 Grade Level: 10, 11, 12
 Level: Standard, Honors

Prerequisites: None
 Credits: 0.5
 Recommendations: None

This is the second of two courses that comprise United States History. This course will continue the study of American history, tracing the changes in American society from World War II through the present. This course will continue to follow the chronology of American political, economic, and social history. Every unit will provide practice with critical social studies skills, including analyzing primary sources, recognizing point of view, identifying cause and effect, evaluating different forms of information, and communicating ideas to others. Geography skills are interwoven in the lessons, as the student makes connections between the evolution of America's geography and its impact on historical events.

Course: World History A
Grade Level: 9, 10, 11, 12
Level: Standard, Honors

Prerequisites: None
Credits: 0.5
Recommendations: None

This is the first of two courses that comprise World History. Pearson's World History provides the basis for instruction. This course provides the student with a comprehensive examination of world history from ancient times through the Global Age. The student will begin by exploring prehistory and early civilizations, focusing on the ancient civilizations of the Americas, Egypt, India, China, Greece, and Rome. The student will then study Medieval Christian Europe from the early to the late Middle Ages, followed by regional civilizations with a focus on the Muslim world, Africa, and Asia. Finally, the student will explore early modern times with a focus on the Renaissance, Reformation, and the Global Age.

Course: World History B
Grade Level: 9, 10, 11, 12
Level: Standard, Honors

Prerequisites: None
Credits: 0.5
Recommendations: None

This is the second of two courses that comprise World History. Pearson's World History provides the basis for instruction. This course provides the student with a comprehensive examination of world history from the Age of Absolutism through the present day. The student will explore social, political, and economic changes of the nineteenth and twentieth centuries, focusing on the Industrial Age and independence movements around the globe, including the impact of nationalism, imperialism, and the world wars. The later part of the course covers such topics as the Cold War, new nations, and the effects of globalization.

Course: American Government A
Grade Level: 11, 12
Level: Standard, Honors

Prerequisites: None
Credits: 0.5
Recommendations: None

This is the first of two courses that comprise American Government. Magruder's American Government provides the basis for instruction. In this course, the student will explore the foundations of American government and its fundamental principles and organization. The student will examine government concepts such as the growth of democracy, federalism, separation of powers, and checks and balances. The branches of government—legislative, executive, and judicial—are studied in depth. This course promotes understanding and participation in government by presenting information in a context that is relevant to the student. Activities in this course are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information, as well as to communicate ideas to others.

Course: American Government B
Grade Level: 11, 12
Level: Standard, Honors

Prerequisites: None
Credits: 0.5
Recommendations: None

This is the second of two courses that comprise American Government. Magruder's American Government provides the basis for instruction. In this course, the student will examine the basic rights and responsibilities of U.S. citizens and the foundations of American government. In addition, the student will explore constitutional freedoms, citizen requirements, and aspects of American law. Other topics covered include political parties, interest groups, ways to affect the government, and the influence of the media. Finally, the student will learn about local and state government structures, and compare political systems and economies from around the world.

Course: Economics
Grade Level: 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: Pair with American Government

Economics provides an introduction to the concepts of both macro- and microeconomics. Prentice Hall's *Economics: Principles in Action* provides the basis for instruction. Students explore topics such as scarcity, opportunity cost, and supply and demand. The course provides an overview of the free market and centrally planned economies, as well as how government influences economics. Students will also explore business and labor, money, banking, and finance. Economics introduces students to economic growth, development, and challenges in both the U.S. and the global economies.

Course: American Government
Grade Level: 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: Pair with Economics

This a single semester course of American Government. *Magruder's American Government* provides the basis for instruction. In this course, the student will explore the foundations of American government and its fundamental principles and organization. The student will examine government concepts such as the growth of democracy, federalism, separation of powers, and checks and balances. The branches of government—legislative, executive, and judicial—are studied in depth. This course promotes understanding and participation in government by presenting information in a context that is relevant to the student. Activities in this course are designed to develop the student's abilities to question, read, analyze, interpret, and evaluate different forms of information, as well as to communicate ideas to others. In this course, the student will examine the basic rights and responsibilities of U.S. citizens and the foundations of American government. In addition, the student will explore constitutional freedoms, citizen requirements, and aspects of American law. Other topics covered include political parties, interest groups, ways to affect the government, and the influence of the media. Finally, the student will learn about local and state government structures, and compare political systems and economies from around the world.

Course: AP United States History A
Grade Level: 11, 12
Level: AP

Prerequisites: None
Credits: 0.5
Recommendations: Strong reading and writing skills, teacher recommendation

The student will learn about the history of the United States while preparing for the College Board Advanced Placement exam in May. The student will use interactive assignments, write essays, study primary source documents and engage in critical analysis on topics ranging from Colonial America to the Civil War to the Cold War to the present. The student will be required to show competency in analyzing, evaluating, and synthesizing information from primary and secondary sources. Using historical thinking skills, the student will engage in inquiry into concepts and issues related to seven themes. Advanced Placement United States History is a college-level course. *Students are expected to take the AP Exam.

Course: AP United States History B
Grade Level: 11, 12
Level: AP

Prerequisites: AP United States History A
Credits: 0.5
Recommendations: Strong reading and writing skills, teacher recommendation

The student will learn about the history of the United States while preparing for the College Board Advanced Placement exam in May. The student will use interactive assignments, write essays, study primary source documents and engage in critical analysis on topics ranging from Colonial America to the Civil War to the Cold War to the present. The student will be required to show competency in analyzing, evaluating, and synthesizing information from primary and secondary sources. Using historical thinking skills, the student will engage in inquiry into concepts and issues related to seven themes. Advanced Placement United States History is a college-level course. *Students are expected to take the AP Exam.

Course: AP United States Government
Grade Level: 11, 12
Level: AP
Prerequisites: None

Credits: 0.5
Recommendations: Strong reading and writing skills, teacher recommendation

This course will survey the complex subjects of the United States government and politics. The student will analyze, in some detail, the processes and institutions (both formal and informal) through which the political system functions and policy decisions are made. This analysis will include the constitutional structure of government, participatory politics, the formal institutions of power, the extra constitutional influences on those institutions, public policy, and individual rights and liberties.*Students are expected to take the AP Exam. This course is only available during the fall semester.

Course: AP Psychology

Grade Level: 11, 12

Level: AP

Prerequisites: None

Credits: 0.5

Recommendations: Strong reading and writing skills, teacher recommendation

AP Psychology provides an overview of current psychological research methods and theories. The students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. The student will study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, the student will also investigate relevant concepts like study skills and information retention. The equivalent of a 100-level college survey course, AP Psychology prepares the student for the AP Exam and for further studies in psychology and life sciences. *Students are expected to take the AP Exam. This course is only available during the fall semester.

Course: AP Human Geography A

Grade Level: 11, 12

Level: AP

Prerequisites: None

Credits: 0.5

Recommendations: Strong reading and writing skills, teacher recommendation

The AP® Human Geography course provides high school students with college-level instruction in using a spatial perspective to study how humans understand and use Earth's surface. The student will become skilled in interpreting maps and geospatial data in order to draw conclusions about what is revealed and hidden. The student will hone analysis skills by learning to recognize, interpret, and assess patterns related to population, migration, folk and popular culture, language and religion, and politics. This course effectively prepares the student for the AP Human Geography exam by providing practice in the skills necessary to apply geographic concepts, interpret data, and synthesize information in both multiple-choice and constructed-response formats. *Students are expected to take the AP Exam.

Course: AP Human Geography B

Grade Level: 11, 12

Level: AP

Prerequisites: AP Human Geography A

Credits: 0.5

Recommendations: Strong reading and writing skills, teacher recommendation

The AP® Human Geography course provides high school students with college-level instruction in using a spatial perspective to study how humans understand and use Earth's surface. The student will become skilled in interpreting maps and geospatial data in order to draw conclusions about what is revealed and hidden. The student will hone analysis skills by learning to recognize, interpret, and assess patterns related to population, migration, folk and popular culture, language and religion, and politics. This course effectively prepares the student for the AP Human Geography exam by providing practice in the skills necessary to apply geographic concepts, interpret data, and synthesize information in both multiple-choice and constructed-response formats. ***Students are expected to take the AP Exam.

Course: AP Macroeconomics

Grade Level: 11, 12

Level: AP

Prerequisites: None

Credits: 0.5

Recommendations: Strong reading and writing skills, teacher recommendation

AP Macroeconomics presents the principles of economics that apply to an economic system as a whole. Students will distinguish between absolute and comparative advantage, explore the way the tools of supply and demand are used to analyze how a free-market economy works, and study the concept of a business cycle. In addition, students will study and analyze economic fluctuations, the dynamics of unemployment, and inflation. *This course is only given during the Fall Semester! Students are expected to take the AP Exam.

Course: AP Microeconomics

Grade Level: 11, 12

Level: AP

Prerequisites: None

Credits: 0.5

Recommendations: Strong reading and writing skills, teacher recommendation

Microeconomics emphasizes how individuals make choices with limited resources. The student will examine concepts such as supply and demand, factors of production, roles of labor and management, the relationship between the environment and the economy, and the impact of the government on individual decision making processes. The student studies the stock market as an investment option and trace various stocks through the semester using the Wall Street Journal and the Internet as resources. *Students are expected to take the AP Exam. This course is only available during the fall semester.

Course: Economics

Grade Level: 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Economics provides an introduction to the concepts of both macro- and microeconomics. Prentice Hall's Economics: Principles in Action provides the basis for instruction. Students explore topics such as scarcity, opportunity cost, and supply and demand. The course provides an overview of the free market and centrally planned economies, as well as how government influences economics. Students will also explore business and labor, money, banking, and finance. Economics introduces students to economic growth, development, and challenges in both the U.S. and the global economies.

Course: Introduction to Homeland Security

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

In this course you will examine the elements involved in the homeland security function, as well as the challenges managers in government and industry can face while maintaining mission operations and staff accountability in the midst of multiple overlapping roles and responsibilities. The key functions of threat prevention, asset protection, crisis response, and operations recovery are addressed from a variety of perspectives. By the end of the course, you will be able to • Compare national security policy before and after 9/11 • Describe the formation, purpose, and organization of the Department of Homeland Security • Examine the types and effects of terrorism • Analyze intelligence • Describe the United States' approach to emergency management • Describe the purpose, structure and function of the Incident Command System (ICS) • Examine the role of various fields in preparing for and responding to emergencies

Course: Introduction to Sociology

Grade Level: 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

In this course, you will examine the sociological processes that underlie everyday life, focusing on globalization, cultural diversity, critical thinking, new technology, and the growing influence of mass media. By the end of the course, you will be able to • Examine socialization and factors that affect socialization and social interactions • Analyze the history of politics, globalization, and the effects of transformation • Examine diversity in U.S. families and study trends in marriages, remarriages, and divorce • Examine issues in education and factors that affect the educational system in the United States • Examine urbanization, evolution of various cities, and growth in population in the United States and the world • Examine the effects of growth and technology on social interactions and the environment

Course: Personal Finance

Grade Level: 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Personal Finance prepares students for making sound financial decisions through real-world applications. Topics include financial and career planning, banking, credit, and debt. Students will also learn about savings and investments programs and will begin to evaluate stocks, bonds, mutual funds, and real estate. Personal Finance provides students with the basics to protecting finances, exploring concepts such as tax strategies, insurance, retirement, and estate planning. Finally, students receive an overview of business ownership, planning, and business finance basics

Course: Psychology A
Grade Level: 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

This is the first of two courses that comprise Psychology. This course begins with a historical review of how man has sought to explain human behavior from ancient times to today. The student will learn about the research methods that are applied to the field and how the scientific method of inquiry moved psychology from quaint parlor tricks like hypnosis and mesmerism to serious inquiry that utilizes hard science to prove theories. The student will also learn about the amazing brain and will explore the workings of the normal brain. The student will then build upon this biological foundation to learn how the information that we take in through our senses is perceived and interpreted by the brain to form the mental images of our daily experiences in the world. The course also provides a survey of a human's life span from birth to death. The student will learn about all of the major physical and psychological changes that mark the development of a human's existence and a variety of theories that outline these processes.

Course: Psychology B
Grade Level: 10, 11, 12
Level: Standard

Prerequisites: Psychology A
Credits: 0.5
Recommendations: None

This is the second of two courses that comprise Psychology. The course begins with an exploration of what makes individuals different from one another and the notion of personality. The student will dissect the widely divergent and often contradictory personality theories. In the section on Learning, Memory, and Motivation, the student will tie together his knowledge of the biological basics of behavior with the major personality theories in order to understand the complex mental processes of learning, memory, thought, and language. Finally, the student will shift his focus from normal to abnormal behavior, and in doing so, study the theories related to life adjustment, stress, psychological breakdown and methods of therapy.

World Language Courses

Course: Chinese I A
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

This is a beginning level course that will introduce the student to a variety of areas of Mandarin Chinese. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the four units, or themes, of material (introduction to Chinese, greetings, calendar, weather, and time), the student will learn to express himself using an ever-increasing vocabulary. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the Chinese-speaking world, people, geographical locations, and histories.

[Return to Course Description Home Page](#)

Course: Chinese I B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Chinese I A
Credits: 0.5
Recommendations: None

This is a beginning level course that will introduce the student to a variety of areas of Mandarin Chinese. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the four units, or themes, of material (places, family, food, activities, and school), the student will learn to express himself using an ever-increasing vocabulary. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the Chinese-speaking world, people, geographical locations, and histories.

Course: Chinese II A/B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Chinese I
Credits: 0.5
Recommendations: None

Chinese II enables the students to further develop the communicative skills of listening, speaking, reading and writing of Mandarin Chinese at a more advanced level. Students are immersed in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand their vocabulary helping them learn to interact with others and use appropriate terms to communicate in various everyday situations.

Course: Chinese III A/B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Chinese II
Credits: 0.5
Recommendations: Strong language skills

In Chinese III, the student will continue to expand his abilities in various aspects of Chinese Mandarin learning. The student will continue to build his knowledge in vocabulary, sentence patterns, and grammar points in communicative contexts. He will also enhance his Chinese Mandarin listening and speaking skills such as pronunciations and intonations. The student will learn more in-depth Chinese reading and writing strategies and skills. His Chinese reading abilities and efficiency will be greatly improved and will be able to write in Chinese in various formats such as a journal, letter, invitation, and an essay. The student's knowledge and skills in writing simplified Chinese characters will also be enriched and fortified. In this course, the student will learn more about the essential Chinese culture knowledge including the origins, histories, anecdotes, and etiquettes for various cultural settings, events, or occasions. He will also gain the ability to compare and contrast the Chinese culture with his own cultures in many different aspects.

Course: French I A
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

The goal of this course is to give the student basic listening, speaking, reading, and writing skills through interesting and engaging activities. This course is organized into five topics including greetings, calendar, weather, time, and colors. The student will learn to talk about himself and other people, describe his surroundings, and use numbers for dates and times. The student will be introduced to regular verbs in the present tense and will practice simple grammatical structures in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the student understand the context of the language and the perspectives of the French-speaking world.

Course: French I B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: French I A
Credits: 0.5
Recommendations: None

The goal of this course is to continue to give the student basic listening, speaking, reading, and writing skills through a variety of activities. Throughout the course, the student will learn to talk about himself and other people, describe his surroundings, and use numbers for dates and times. The student will be introduced to irregular verbs in the present tense and will practice simple grammatical structures in innovative and interesting ways with a variety of learning styles in mind. In this course, the student will also begin to learn some complex grammar. Culture is presented throughout the course to help the student understand the context of the language and the perspectives of the French-speaking world.

Course: French II A
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: French I
Credits: 0.5
Recommendations: None

This course builds on the skills the student learned in French I. In this course, the student will be introduced to a variety of areas of language learning. The student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: daily routine, animals, hobbies, the body, and descriptions. Throughout this course, the student will learn to express himself using an ever increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories.

Course: French II B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: French I
 Credits: 0.5
 Recommendations: None

This course is a continuation of French II A. The student will continue to be introduced to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: house, shopping, entertainment, spare time, and travel. In this course, the student will learn to express himself using an ever increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories.

Course: French III A
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: French II
 Credits: 0.5
 Recommendations: Strong language skills

French III A is a continuation of the first two years of French instruction. The student will continue to improve his listening, speaking, reading, and writing skills through a variety of activities. The course is organized into five topics: feelings, transportation, work, countries, and the future. Throughout this course, the student will build on his previous French knowledge. The student will learn additional vocabulary, verb tenses, and grammatical structures that are appropriate to his level. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Exposure to the culture of France and other French-speaking countries can be found throughout the course in order to help the student understand French, which is a dynamic language that is used by millions of people throughout the world.

Course: French III B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: French II
 Credits: 0.5
 Recommendations: Strong language skills

French III B is a continuation of the first two and a half years of French instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: health, home, measurement, professions, and my history. The student will learn to express himself using an ever-increasing vocabulary, verbs in various tenses, articles, and adjectives. The student will review all verb tenses, including present tense, past tense, future tense, conditional tense, the passive voice, imperative verbs, and more. The student will learn to use two-object pronouns and review grammar from previous French instruction. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories. The student will also learn about the various countries where French is spoken.

Course: French IV A
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: French III
 Credits: 0.5
 Recommendations: Strong language skills

French IV A continues to build on the skills the student has mastered in his previous French courses. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics in the course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, future-tense verbs, conditional-tense verbs, subjunctive mood, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. The course is rich in authentic reading material and native-speaker recordings and presentations to enrich culture, grammar, and vocabulary presentations. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories.

Course: French IV B
 Grade Level: 12
 Level: Standard

Prerequisites: French III
 Credits: 0.5
 Recommendations: Strong French skills

This course is a continuation of the first three and a half years of French instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics in this course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, future-tense verbs, conditional-tense verbs, subjunctive mood, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. The course is rich in authentic reading material and native-speaker recordings and presentations to enrich culture, grammar, and vocabulary presentations. Elements of the French-speaking world and culture appear throughout the course, including people, geographical locations, and histories.

Course: German I A
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: None
 Credits: 0.5
 Recommendations: None

This is a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (greetings, the date, weather, time, and colors), the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

Course: German I B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: German I A
Credits: 0.5
Recommendations: None

German I B is the second semester of a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (city, family, food, leisure time, and school and chores), the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

Course: German II A
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: German I
Credits: 0.5
Recommendations: None

German II A is an intermediate level course that will introduce the student to a variety of areas of language learning. In this course, the student will continue to learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (daily routine, animals, pastimes, the body, and descriptions), the student will learn to express himself using an ever-increasing vocabulary, past-tense verbs, demonstrative articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

Course: German II B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: German I
Credits: 0.5
Recommendations: None

This course is a continuation of German II A. In this course, the student will continue to learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (house, shopping, leisure, travel destinations, and flying), the student will learn to express himself using an ever-increasing vocabulary, past-tense verbs, dative expressions, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

Course: German III A
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: German II
Credits: 0.5
Recommendations: Strong language skills

German III A is a continuation of the first two years of German instruction. In this course, the student will continue to learn and practice successful communication through speaking, writing, reading, and listening. Throughout the five units, or themes, of material (Die Gefühle, Der Verkehr, Bei der Arbeit, Land und Leute, and Die Zukunft), the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

Course: German III B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: German II
Credits: 0.5
Recommendations: Strong language skills

This course is a continuation of German III A. In this course, the student will continue to learn and practice successful communication through speaking, writing, reading, and listening. This course presents material according to a specific theme, and the student will learn to express himself through a variety of activities using his ever-increasing vocabulary and grammar knowledge. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.

Course: Japanese I A
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

Japanese I A is a beginning-level course that will introduce the student to a variety of areas of the Japanese language. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: greetings, the date, time, colors, and places. The student will learn to express himself using an ever-increasing vocabulary, present-form verbs, particles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. The student will also learn about the Japanese people, their culture, society, and history.

Course: Japanese I B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Japanese I A
Credits: 0.5
Recommendations: None

Japanese I B is a beginning-level course that will introduce the student to a variety of areas of the Japanese language. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: family, weather, food, pastimes, and school. The student will learn to express himself using an ever-increasing vocabulary, present-form verbs, particles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. The student will also learn about the Japanese people, their culture, society, and history.

Course: Japanese II A
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Japanese I
 Credits: 0.5
 Recommendations: None

This course builds on the skills the student learned in Japanese I. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: daily life, animals, activities, the body, and descriptions. The student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Throughout the course, the student will explore the Japanese people, their culture, lifestyle, geographical locations, and histories.

Course: Japanese II B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Japanese I
 Credits: 0.5
 Recommendations: None

This course is a continuation of Japanese II A. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: house, shopping, entertainment, spare time, and travel. The student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Throughout the course, the student will explore Japanese culture, people, lifestyle, geographical locations, and histories.

Course: Latin I A/B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: None
 Credits: 0.5
 Recommendations: None

The student will be building a Roman Information Highway—the Via Latina. The student will be the builder, or aedificator. The building blocks for this Roman road will include the following: 1) laying the foundation of bedrock comprised of Latin grammatical structures; 2) cementing the layers of rock together with the mortar—new Latin vocabulary; 3) fitting the top layer of cobblestones together for a smooth translation into English of Latin stories and sentences; 4) connecting your new road to other paths through words and customs derived from Latin and the Romans; and finally, 5) stopping at the rest stops along the road to learn more about Roman culture and daily life. Unit 1 covers grammar basics, the nominative and accusative cases, first declension, first conjugation, the present active tense and the present tense of sum. Unit 2 covers the genitive, dative, and ablative cases, and the imperfect and future tenses of sum. Unit 3 covers second declension nouns, ablative of means, vocatives, imperatives, the perfect active system, and the perfect system of sum. Unit 4 covers second conjugation, infinitives, and first and second declension adjectives. Unit 4 also contains both parts of the Semester 1 Exam. Numerous cultural lessons are scattered throughout each unit.

Course: Latin II A
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Latin 1
 Credits: 0.5
 Recommendations: None

The student will continue his journey to the time of the ancient Romans, but this time, the student will be a film student in the Roman movie, An Epic of Great Proportion. The student will be the director, and his script will include visits with some of the men who made Rome great. The student will learn about the Roman government and how Rome grew to rule most of the known world. This epic movie will also take the student back to the Trojan War where he will accompany the Greeks on a great adventure. In Unit 1, the student will review first year grammar, the third declension, and relative pronouns. Then the student will also learn about a classical hero, common Latin roots and derivatives, epic conventions, mottoes, and abbreviation. Unit 2 continues with more information about the third declension and also Sum and Possum. The student will learn about the stories of Cyclops, Circe, and the Sirens. Unit 3 builds on what was learned in Unit 2. The student will continue with more third declension work along with further readings from The Odyssey and more on derivatives. The study of The Odyssey comes to an end with "Ulixes ad Ithacam." In Unit 4, the student will study pronouns and the fourth and fifth declensions and begin his instruction on Roman history, learning about Romulus and Remus, and the Kings of Rome. The student will also study the ablative absolute and future participles.

Course: Latin II B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Latin I
 Credits: 0.5
 Recommendations: None

The student will continue his journey to the time of the ancient Romans, but this time, the student will be a film student in the Roman movie, An Epic of Great Proportion. The student will be the director, and the script will include visits with some of the men who made Rome great. The student will learn about the Roman government and how Rome grew to rule most of the known world. This epic movie will also take him back to the Trojan War where the student will accompany the Greeks on a great adventure. In Unit 1, the student will learn about participles and ablative absolutes. Then the student will continue his discussion of Roman history focusing on the beginnings of the Republic. The student will also review quotes and continue working on derivatives. Unit 2 has a considerable amount of culture and history. Much happened during the Republic! Caesar; the Roman army; famous battles, mottoes, and abbreviations pertinent to the times; Cincinnatus; and Regulus are covered. Unit 3 contains the study of the empire. The student will look at various emperors and the factors that caused the demise of the empire. This unit is an anomaly since it has no translation story in it. The reason is that it contains the hardest grammar concept in the course, which is indirect statement. A heavy dose of history in this unit gives the student a break from the heavy dose of grammar. In Unit 4, the student will apply the mythological stories to his life. Unit 5 is one of review. There are no assignments. The student will find appendix links, rollovers, concentration games, practice sites, self-drill opportunities, and matching games to review the course material and to prepare for the final exams. The student may take as much time as necessary with these and use them as often as needed before taking the exams in Unit 4.

Course: Latin III A
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Latin II
 Credits: 0.5
 Recommendations: Strong language skill

The design of Latin III is the Library of Celsus at Ephesus, Turkey. Since this is a survey course of Latin literature, each unit is a Caesar reading room, a Cicero reading room, etc. The student will check in at the reading room when he finds the "ask the librarian" on the oral assessments and discussions regarding content and style of each author. There is also a liber mensis, or book of the month, where the student will read additional works by the author or learn other information connected with the chosen author. The ex bibliotheca assignments will take the student away from the computer, and the interlibrary loan assignments will require the student to study something connected to the author (e.g., the region of Provence, France, in the Caesar unit) or to exchange thoughts with classmates in the discussion area. The first half of the course is the prose of Caesar and Cicero. In Cicero, the student will look at the figures of speech. The student will also work on his clarity of writing and defense of his arguments. The student will expect this course to demonstrate why a classic is a classic, whether in a foreign language or in English, and to provide tools to appreciate the author's talent and to understand why he is enjoying a particular novel.

Course: Latin III B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Latin II
 Credits: 0.5
 Recommendations: Strong language skills

The design of Latin III is the Library of Celsus at Ephesus, Turkey. Since this is a survey course of Latin literature, each unit is a Caesar reading room, a Cicero reading room, etc. The student will check in at the reading room when he finds the "ask the librarian" on the oral assessments and discussions regarding content and style of each author. There is also a liber mensis, or book of the month, where the student will read additional works by the author or learn other information connected with the chosen author. The ex bibliotheca assignments will take the student away from the computer, and the interlibrary loan assignments will require the student to study something connected to the author (e.g., the region of Provence, France, in the Caesar unit) or to exchange thoughts with classmates in the discussion area. The second half of the course is the poetry of Ovid, Catullus, and Vergil. There is an emphasis on the craft of writing using figures of speech, scansion, and SWIMTAG. The student will also work on his clarity of writing and defense of arguments. This course will demonstrate to the student why a classic is a classic, whether in a foreign language or in English, and to provide tools to appreciate the author's talent and to understand why he is enjoying a particular novel.

Course: Sign Language I A
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: None
 Credits: 0.5
 Recommendations: None

In this course, the student will be introduced to the fundamental concepts of American Sign Language. The student will explore vocabulary, grammar, and conversational skills using basic signing and fingerspelling techniques, and will be exposed to activities and exercises that help him or her understand the culture of deaf and hard-of-hearing people. *Students participating in sign language courses are required to video tape themselves signing as a mandatory portion of this course.

Course: Sign Language I B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Sign Language I A
Credits: 0.5
Recommendations: None

This course follows Sign Language I A. The goal of Sign Language I B is for the student to become a confident signer by mastering American Sign Language grammar and building vocabulary. Lessons incorporate the various important components of signs including handshape, position, movement, palm orientation, and non-manual markers. The student's vocabulary is strengthened by studying special categories such as lexicalized signs, classifiers, and topic-related signs. The student will learn to translate from Standard English into American Sign Language gloss. Videos and interactive websites provide abundant practice. A unit on Deaf Culture and Community provides a good perspective and context for practicing American Sign Language. *Students participating in sign language courses are required to video tape themselves signing as a mandatory portion of this course.

Course: Sign Language II A
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Sign Language I
Credits: 0.5
Recommendations: None

In this course, the student will continue his study of American Sign Language. The student will expand his ASL vocabulary, grammar, and conversational skills. In addition, the student will complete activities and exercises that help him understand the culture of deaf and hard-of-hearing community. *Students participating in sign language courses are required to video tape themselves signing as a mandatory portion of this course.

Course: Sign Language II B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Sign Language I
Credits: 0.5
Recommendations: None

This course follows Sign Language II A and provides expanded student experience using vocabulary, grammar, and conversational skills. In addition, students complete activities and exercises that help them understand the culture of the deaf and hard of hearing community. *Students participating in sign language courses are required to video tape themselves signing as a mandatory portion of this course.

Course: Spanish I A/B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

Students cover basic vocabulary, grammar, spelling, and punctuation to build a solid foundation for further study. Assignments include engaging in simple conversation, writing paragraphs, and listening to Spanish dialogue. Students also study the history and culture of Spanish-speaking peoples.

Course: Spanish II A/B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Spanish I
 Credits: 0.5
 Recommendations: None

As they engage in more advanced conversations, write paragraphs and stories, and translate to and from Spanish, students improve their vocabulary and grammar. Intense listening comprehension exercises aid in understanding more complex thoughts and subjects.

Course: Spanish III A/B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Spanish II
 Credits: 0.5
 Recommendations: Strong language skills

Spanish III A is a continuation of the first two years of Spanish instruction. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. This course is organized into five topics: feelings, transportation, work, countries, and the future. The student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories.

Course: Spanish IV A/B
 Grade Level: 9, 10, 11, 12
 Level: Standard

Prerequisites: Spanish III
 Credits: 0.5
 Recommendations: Strong language skills

Spanish IV A continues to build on the skills the student has mastered in his previous Spanish courses. The student will continue to sharpen his listening, speaking, reading, and writing skills through a variety of activities. Throughout the five topics covered in this course, the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, past-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Elements of the Spanish-speaking world and culture appear throughout the course, including people, geographical locations, and histories.

Course: AP Spanish Language A/B
 Grade Level: 9, 10, 11, 12
 Level: AP
 Prerequisites: Spanish III

Credits: 0.5
 Recommendations: Strong language skills or teacher recommendation

The main objective of the AP Spanish Language course is to develop the student's interpersonal communication skills in Spanish and to prepare the student for the AP Language examination. In this course, the student will develop a strong command of the Spanish language with proficiency in integrating language skills and synthesizing written and aural materials, the formal writing process, extensive interpersonal and presentational speaking and writing practice, and aural comprehension skills through quality, authentic, and level-appropriate audio and video recordings. This objective is achieved through highly engaging course content and interactive simulations, which gives the student ample opportunities throughout the course to integrate reading, writing, and speaking. *Students are expected to take the AP exam.

[Return to Course Description Home Page](#)

Health and Physical Education Courses

Course: Health, Fitness, and Nutrition

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This is the first of two courses that comprise Health, Fitness, and Nutrition. In this course, the student will study a variety of health-related topics and learn the benefits of fitness. The student will gain a new awareness of his own fitness level and nutritional needs. The student will also learn how to adopt long-term, healthy habits and lifestyle changes to improve and inspire his overall state of well-being. This course will also teach the student how fitness can influence one's self image and will help him to understand the value of respecting his own body. The student will explore the dangers of alcohol and drug use and develop social strategies to avoid peer pressure. The student will also examine such things as eating disorders, prevention of injury, and first aid.

Course: Healthy Choices (Formerly Life Skills)

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This course provides the student with the opportunities to consider many influences on social, emotional, and physical health and well-being. The course covers information on healthy decisions, communication, goal setting and decision making, family dynamics, food and nutrition, substance abuse prevention, and prevention of STIs and HIV/AIDS. The student will also learn how to be a savvy consumer by being aware of consumer rights, techniques in advertising, and how to use checking and credit accounts responsibly.

Course: Personal Fitness

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

In this course, the student will study physical fitness and a variety of health-related topics. The student will gain an understanding of the proper ways to exercise and diet, and will learn how to assess his own fitness level. The student will learn what fitness can do and how to attain the highest possible fitness level.

Course: Physical Education
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

In this course, the student will use previously acquired skills in a wide range of elective activities. The course places priority on self-motivated physical activities that the student can participate in now and later in life, and incorporates skill competencies, written assignments, and class evaluations into some of the units. The student will be expected to show proficiency in the activities that are important for his personal development at the appropriate age. The student's physical fitness level will be assessed and recorded. As an online learner, the student will utilize relevant Web sites and streaming videos provided in the lessons. *Access to sports equipment and sports facilities (e.g., equipment and/or facilities related to baseball, basketball, soccer, swimming, bowling, weight training, golf) is incorporated into course lessons. Access to these items is preferable for placement in the course, however alternative activities are provided for students' successful completion of the course.

Electives Courses

Course: Digital Photography I A/B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: Strong technology skills

Have you ever wondered how professional photographers manage to take such sensational pictures? How are they able to find just the right way to capture an image or moment in time? Perhaps you've even wondered why your own pictures don't meet that standard. Digital Photography I will answer these questions and help the student understand more about the basics of photography. Learning about aperture, shutter speed, lighting, and composition is key for any serious photographer and will help the student gain the confidence and knowledge he needs to become one. The student will not only follow photography through its history but also gain a basic understanding of camera functions, techniques, and what it takes to shoot quality portraits, close-ups, action shots, and landscapes. *Digital camera or smart phone with camera ability required for this course.

Course: Digital Photography II A/B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Digital Photography I
Credits: 0.5
Recommendations: Strong technology skills

In today's world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, the student will examine various aspects of professional photography including the ethics of the profession. The student 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. *Digital camera or smart phone with camera ability required for this course.

Course: Introduction to Graphic Design A

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: Strong technology skills

Can people communicate without using words? Do different colors invoke different emotions? Can artists use various textures to communicate a range of ideas? Absolutely! Designed to develop an understanding and appreciation for design, the Introduction to Graphic Design A course teaches the student to interpret visual representations and to communicate his or her own ideas and information graphically. By raising the student's awareness of design, this intermediate-level course establishes a strong foundation in the basic principles of graphic design. This course, the first in a two-semester series, introduces the student to scenarios that can be solved by applying creative techniques that yield innovative and effective design solutions. Though the course is structured around computer-assisted graphic design, the student will examine other types of design as well. The student will also learn to use Inkscape, an image-editing program that is provided, and will create several design compositions using this program.

Course: Introduction to Graphic Design B

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: Introduction to Graphic Design A

Credits: 0.5

Recommendations: Strong technology skills

Understanding the history of any area of study is important to learning about and appreciating society today. In Introduction to Graphic Design B, the second course in a two-semester series, the student will be introduced to the history of design and how various design movements have contributed to the field of design. The student will get answers to questions such as “What role does design play in society?” and “How does the field of design relate to other facets of society?” Understanding where the field of design comes from will help the student to appreciate the aesthetics and purposes for design today. In addition, this course expands on foundational knowledge in the basic principles of graphic design. The student will learn to communicate visually through effective layout and interface design. The student will also be introduced to appropriate techniques for the evaluation of art and design. Though the course is structured around computer-assisted graphic design, the student will examine other types of design as well. The student will learn to use Inkscape, an image-editing program that is provided for him or her, and will create several design compositions using this program.

Course: Living Music I
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

Designed for students in grades 9–12, this course teaches fundamental musicianship skills from a Western-Classical approach, while aligning to National Core Arts Standards. The course challenges the student to improve listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course provides a unique and advanced learning experience for the student.

Course: Living Music II
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: Living Music I
Credits: 0.5
Recommendations: None

Designed for students in grades 9–12, this course enhances the student's fundamental musicianship skills from a Western-Classical approach, while aligning to National Core Arts Standards. The student will review and deepen skills and concepts of rhythm and notation learned and practiced in Living Music I. Through the use of virtual tools and analysis of classic repertoire, the student will work to improve listening, notation, analysis, performance, and composition skills. With audio, visual, and interactive technologies, the course provides a unique and advanced learning experience for the student. Living Music I is a prerequisite for this course.

Course: Art History A
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

Welcome to the first semester of Art History! In this course, the student will take up the question “What is art?” as he explores the artistic endeavors of early civilizations. Early in the course, the student will explore some of the basic elements and principles of art and its role in human history and the development of culture. He will also think about the ways that a work of art interacts with human sensory perception to produce a particular effect, as well as various other factors that affect the interpretation of a work of art. Once the student has obtained a basic foundation in art theory, he will begin to examine the history of art from its earliest manifestations in prehistoric times up through the ancient Egyptian civilization.

Course: Art History B
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

Welcome to the second semester of Art History! In this course, the student will build upon his basic foundation in art theory to examine the history of art. He will trace the history of art from ancient Greece to the Roman Empire. Along the way, the student will encounter art forms such as pottery, architecture, and sculpture. By the end of the course, the student will not only have acquired a knowledge of ancient art history, the student will also have a better understanding of art as both a reflection and engine of history.

Course: AP Art History A/B

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: Teacher Recommendation

This course is designed to provide college-level instruction in art history and prepares the student for the AP exam. The student will examine major forms of artistic expression from the past and present and from a variety of cultures. The student will learn to look at works of art critically, with intelligence and sensitivity, and to articulate what he sees or experiences. Students are required to complete the AP portfolio.

Course: Concepts of Engineering & Technology

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Students learn about engineering and technology careers and what skills and knowledge are needed to succeed in these fields. They explore innovative and cutting-edge projects that are changing the world and examine the design and prototype development process. The course also helps students understand the emerging issues in this exciting career field. *This course contains applications that are not compatible with a Mac computer. The use of these applications is necessary for successful completion of this course.

Course: Game Design I A / I B

Grade Level: 10, 11, 12

Level: Standard I

Prerequisites: None

Credits: 0.5

Recommendations: None

This course is for anyone who loves gaming and wants to design games. The student will learn how to use popular game design software to create engaging, interactive games in a variety of genres. In addition, the student will get a solid foundation in the basic concepts of game development. By the end of this course, the student will have a variety of polished games for your game development portfolio. *Required Materials • Computer with: • OS: Windows 7 SP1+, 8, 10; Mac OS X 10.8+. Windows XP & Vista are not supported; and server versions of Windows & OS X are not tested. • GPU: Graphics card with DX9 (shader model 3.0) or DX11 with feature level 9.3 capabilities. More advanced gaming prototypes may require more advanced hardware! • Students will be required to download Unity, a free software program, in order to complete course activities • Audio Recording device (microphone, etc.)

Course: Game Design II

Grade Level: 11, 12

Level: Standard

Prerequisites:

Credits: 0.5

Recommendations:

We live in a technologically-advanced world where virtual reality and video games play a major role in our daily lives. Have you ever thought about designing your own video game? By signing up for Game Design II, the student will learn the skills needed to conceptualize, design, and fully create his very own video game. Explore various video game software and hardware, sharpen coding skills, learn about game storylines, player progression, and algorithmic decision making. Also, the student will learn to analyze player goals, actions, rewards, and challenges, among many other game play components, as well as utilize 21st century skills of creativity, critical thinking, communication, collaboration, and technical expertise. When the student signs up for Game Design II, he is putting himself at the forefront of a future in technology. *To participate in this course students must have a PC computer. The software used in this course is only PC compatible. MAC users will not be able to complete this course without using a PC emulator.

Course: Intro to Computer Applications

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Students progress to more sophisticated work in this course, including the use of electronic media and software to apply academic concepts in the creation of meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. Students produce presentations on Internet safety, online predators, and cyberbullying. At the end of the course, students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology.

Course: Web Design I A

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Students learn basic website design principles and development languages such as HTML and CSS. Topics include networking, audience, analysis, Internet security, project management, and website navigation. Students utilize the programs GIMP for image editing and Nvu for web development. *To participate in this course students using Mac must have a PowerPC® processor for Mac OS X, not an Intel® processor.

Course: Web Design I B

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Students learn basic website design principles and development languages such as HTML and CSS. Topics include networking, audience, analysis, Internet security, project management, and website navigation. Students utilize the programs GIMP for image editing and Nvu for web development. *To participate in this course students using Mac must have a PowerPC® processor for Mac OS X, not an Intel® processor.

Course: Accounting I
Grade Level: 12
Level: Standard

Prerequisites: Algebra II
Credits: 0.5
Recommendations: None

This course introduces you to accounting concepts and principles, financial statements, internal control design, and accounting for partnerships. By the end of the course, you will be able to Define terms related to business accounting Apply accounting concepts and principles Prepare financial statements Analyze financial statements for decision making Evaluate internal controls Account for partnership transactions Differentiate international financial reporting standards from generally accepted accounting principles

Course: Accounting II
Grade Level: 12
Level: Standard

Prerequisites: Algebra II
Credits: 0.5
Recommendations: None

The student will build upon knowledge gained in Accounting I and continue to explore topics such as corporate accounting and financial statements, long-term liabilities, cash flow, financial statement analysis, managerial accounting, budgeting, and using financial data to make business decisions.

Course: Anatomy and Physiology
Grade Level: 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

In this course, the student will learn about anatomical structures and physiology of the human body. Body systems are discussed in terms of how each participates in homeostasis of the body. Students learn about selected major pathologies, including causes, symptoms, diagnostic procedures, and treatments, as well as common changes that occur through the life span. By the end of the course the student will be able to: Describe the organization of the human body; Explain the contribution that each body system makes to homeostasis of the body; Identify the major anatomical structures and the purposes of each body system; Explain the basic physiological processes in each of the body systems; Describe selected human diseases in terms of definition, cause, signs and symptoms, diagnostic procedures; Describe common issues or changes that occur in each body system throughout the lifespan.

Course: Business Law
Grade Level: 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

In this course, you will explore principle areas of business law and topics such as torts, crimes, intellectual property, contracts, negotiable instruments, agency, employment, and forms of business organization. The student will learn rules of law and legal terminology, as well as legal solutions for business-related issues. By the end of the course, you will be able to: Analyze the legal environment of business in the United States; Analyze the various employment laws affecting the employer-employee relationship; Evaluate the forms of business organization in the United States; Analyze the ethical and social responsibility of business; Evaluate the various types of government regulation that affect business; Appraise the impact that international law has on global business.

[Return to Course Description Home Page](#)

Course: Career Planning & Skill Development

Grade Level: 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

As a high school student, it may seem like entering the workforce is right around the corner. It's important that you're prepared. The Career Planning and Skill Development course will introduce you to the workforce by having you explore your interests, values, and skills. Knowing yourself better in this way will help you plan for your future career. As part of this planning process, you will learn about a variety of career fields—from business, to education, to public service. Many career fields may interest you. The course also teaches you the important task of finding a job. You will learn how to write a cover letter and resume, fill out a job application, and act in an interview. You will learn the qualities of a successful employee, and additional career-related skills, such as problem-solving and communication.

Course: College Prep with ACT

Grade Level: 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This course will help the student navigate through the Shmoop ACT Exam Prep Web site, access two full ACT® practice tests, and learn the necessary skills in order to take the ACT test. This course also includes several lessons on other critical aspects of preparing for college, including developing a college resume, writing effective personal essays, and requesting letters of recommendation. This course is intended to prepare the student to take the ACT test. As the student works through the course, he will focus on learning more about his strengths and weaknesses as well as learn test-taking strategies that are specific to the ACT test. That way, when the student takes the actual test, the scores will be a good representation of the student's abilities. Finally, the student will submit a College Planning Portfolio, which will reflect the areas for improvement that the student has identified throughout this course.

Course: College Prep with SAT

Grade Level: 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This course will help the student navigate through the Official SAT Practice on the Khan Academy website, access four full SAT practice tests and multiple practice quizzes, and learn the necessary skills in order to be well-prepared to take the SAT test. This course also includes several lessons on other critical aspects of preparing for college, including developing the college resume, writing effective personal essays, and requesting letters of recommendation. This course is intended to prepare the student to take the SAT test. As the student works through the course, he will focus on learning more about his strengths and weaknesses as well as learn test-taking strategies that are specific to the SAT test. That way, when the student takes the actual test, the scores will be a good representation of the student's abilities. Finally, the student will submit a College Planning Portfolio, which will reflect the areas for improvement that the student has identified throughout this course.

Course: Criminal Investigation

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

In this course, the student will examine the process of identifying and arresting criminal suspects, types of crimes and offenses, and preparing for court. The student will study the history of criminal investigation and explore the relationship between investigation and the courtroom process by examining case studies.

Course: Internship & Work Study A

Grade Level: 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

There is a lot students can learn from their first experience in the workplace. Students taking this course should currently be working in an internship or work site, or actively pursuing a placement. Students will learn how to apply the lessons learned to future career searches and opportunities. Topics include searching for and applying for jobs, creating resumes and cover letters, and going on interviews. The student will also learn about employee rights and build life-skills such as budgeting. *This course requires school counselor approval. Students are responsible for finding their own internship opportunity.

Course: Internship & Work Study B

Grade Level: 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Now that the student has successfully completed Internship and Work Study A, the student will prepare to use the skills learned to become even more effective in the workplace. As the course progresses, the student's field supervisor will evaluate the student's performance and growth on the job. The student will also be asked to provide several self-evaluations in addition to writing several reflection assignments. The course also has a job readiness learning component that involves studying content on workforce readiness skills, career decision making skills, and job-seeking skills. *This course requires school counselor approval. Students are responsible for finding their own internship opportunity.

Course: Introduction to Business

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

In this course, the student will explore business in global society, learning terminology, concepts, systems, strategies, and current issues. Topics include the business environment, ethics, entrepreneurship and global business, management, marketing, production, information systems, and financial elements.

Course: Introduction to Communication

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

The student will examine the communication process, including elements of listening and verbal and nonverbal communication. The course also explores how these communication elements operate between self, individuals, and groups. Communication concepts and skills are explored through a variety of methods and activities.

Course: Introduction to Criminal Justice

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

In this course, the student will explore law enforcement, the courts, and the correctional system. The student will study what crime is, how crime is measured, and theories of crime causation. Issues and challenges within the criminal justice system and its future directions will also be examined.

Course: Intro to Early Childhood Education

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This course provides the historical, theoretical, and developmental foundations for educating young children, with emphasis on creating inclusive environments and curricula for diverse children and their families. Topics include historical influences, program types, guidance strategies, professionalism, current trends and issues, and advocacy.

Course: Intro to Finance

Grade Level: 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: Algebra w/Financial Application or Algebra II

In this course, the student will gain an understanding of financial management, including key language and terminology, time-value of money, financial markets and securities, financial statements, financial analysis, risk and return, valuation of stocks and bonds, capital budgeting and valuation, cost of capital and capital structure, working capital management, dividend policy, and international finance. The student will apply financial tools and understand how they impact financial decision making. By the end of the course, the student will be able to: Explain the primary role of the financial firm and financial manager; Analyze financial statements; Explain risk and return relationships; Evaluate financial markets and securities traded on financial markets; Apply capital budgeting tools; Evaluate how international issues impact a financial firm.

Course: Introduction to Law
Grade Level: 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

In this course, the student will explore substantive and procedural areas of law and legal practice, such as the legal profession, courts, ethics, sources of law, and alternative dispute resolution systems. The student will analyze an application of law to factual circumstances.

Course: Introduction to Leadership and Supervision in Business
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

In this course, students are introduced to core functions related to leadership and supervision. The student will examine the supervisory role and the skills required to act in the capacity of supervisor. The student will also gain insight into contemporary issues related to supervising in today's work environment.

Course: Introduction to Medical Assisting
Grade Level: 9, 10, 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

In this course, you will explore the role of the medical assistant, including professionalism, duties and responsibilities, and medical specialties. Information on medical law and ethics, office management, and compliance and regulatory issues affecting the role of the medical assistant will also be examined.

Course: Medical Law and Ethics
Grade Level: 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations: None

As a health care professional it is important to understand the legal and ethical issues that can impact the role one has in the health care setting. This course provides an introduction to the laws that regulate the health care industry such as HIPAA, the Patient's Bill of Rights, and the standard of care. In addition to the legal aspects, this course presents information on ethical and moral issues that health care professionals may encounter and encourages the student to consider the impact that personal ethics and morals have on decision making.

Course: Medical Terminology
Grade Level: 11, 12
Level: Standard

Prerequisites: None
Credits: 0.5
Recommendations:

None In this course, the student will learn medical terminology, symbols and abbreviations, and the application of this language in the field of health care. Although the student will analyze terms related to body structure and function, the main focus will be on medical vocabulary and being able to construct terms using word parts such as roots, suffixes, and prefixes.

Course: Principles of Management

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

The student is introduced to common management philosophies and issues in today's changing world. The student will study globalization, ethics, diversity, customer service, and innovation from a managerial perspective. At the end of this course, the student will be able to do the following:

Contrast and apply theories and techniques of managing, motivating, and leading others; Analyze the impact of an organization's culture, environment, and design on management; Examine how social responsibility and ethics affect management functions; Analyze issues facing managers when performing management functions; Examine challenges related to organizational strategies and processes that managers face in today's business environment; Evaluate approaches to communication to best fit an organizational structure; Assess approaches to controlling organizational performance and examine operations management.

Course: Principles of Marketing

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

In this course, you will explore factors influencing how marketing decisions are made, including the impact of marketing decisions on an organization and its customers. Throughout the course, you will gain a working knowledge of practical marketing and business vocabulary. You will also evaluate how the actions of competitors influence marketing decisions in the global marketplace.

Course: Public Speaking

Grade Level: 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This course provides the student with a basic understanding of public speaking and how to prepare and present a variety of speeches. The student learns strategies to effectively communicate, to adapt to different audiences, and to practice organizational methods to create engaging speech content.

Course: Advertising and Sales Promotion

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

Do you have a business idea, but are unsure about how to market your ideas to customers? Do careers in business appeal to you? In this Introduction to Marketing class, you'll master the basics of marketing, including core concepts such as financing, pricing, distribution, product management, and more. Throughout the course you'll learn about the basics of economics and economic systems, managing business finances accounting practices, operating a business in the global marketplace, generating business ideas and seeking out business opportunities, creating a business plan, and promoting and advertising a business. *Required materials: digital camera or camera phone.

Course: Entrepreneurship: Starting your own Business A/B

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

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

Course: International Business

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

From geography to culture, global business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students with a conceptual tool by which to understand how economic, social, cultural, political, and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course. The student will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century.

Course: Sports Management

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

This course will introduce you to the fast-growing field of sports management. You will explore topics such as sports marketing, branding, ticket sales, public relations, broadcasting, and breaking into the business of sports management. This course will also discuss the role of sports in society and the importance of an ethical approach to sports management.

Course: High School Success

Grade Level: 9

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: None

The High School Success course aids students in a successful high school experience. The courses units include Resources, Integrity, High School 101, Strategies for Success, and College and Career Readiness. The following are the course objectives: Get to know available high school resources and support systems, realize the importance of conducting oneself with integrity, understand why it is important to graduate from high school, identify and practice some general strategies that will contribute to success, learn about next steps after high school, get started on the right foot.

Course: Senior Success

Grade Level: 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: 1st semester seniors

Seniors will explore post-secondary options including colleges, careers, and more. Students will be exposed to tools and resources designed to best prepare them for life after high school. Through completion of this course, students will gain exposure to information about financial aid, the college application process, résumé writing and graduation information, as well as the opportunity to reflect on their high school career.

Course: Introduction to Online Learning

Grade Level: 9, 10, 11, 12

Level: Standard

Prerequisites: None

Credits: 0.5

Recommendations: First time WillCA students

Learning online and learning in a classroom are such different experiences -- from the presentation of material to interacting with your teachers and classmates to test taking. To be a successful learner in an online environment you need strategies. In this course, you will be equipped with best practices for working, studying, and researching efficiently. Coaching you to become a responsible digital citizen, this course will show you how to protect your privacy, how to communicate and to collaborate with others respectfully, and more!