

Academic Scope & Sequence

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	Survey of Literature (CP & H)	American Literature (CP & H)	British Literature (CP & H) or AP Language & Literature	World Literature (CP & H) or AP Language & Composition
Math	Algebra Geometry (CP & H)	Geometry Algebra II/Trig (CP & H)	Algebra II/Trig Pre-Calculus (CP & H)	Pre-Calculus Calculus (CP & H) AP Calculus
Science	Biology (CP & H)	Chemistry (CP & H)	Physics (CP, H, & AP)	Human Anatomy & Physiology (CP & H) AP Environmental
Social Science	World Studies (CP & H)	U.S. History (CP & H)	Economics (CP, H, & AP)	U.S. Government Psychology (CP, H, & AP) Law (CP & H)
Physical Education/Health	PE I/Health	PE II		
Fine Arts	Dance, Music, Theatre, Musical Theatre, or Visual Arts Courses	Dance, Music, Theatre, Musical Theatre, or Visual Arts Courses	Dance, Music, Theatre, Musical Theatre, or Visual Arts Courses	Dance, Music, Theatre, Musical Theatre, or Visual Arts Courses
World Language	Spanish I French I (CP & H)	Spanish II French II (CP & H)	Spanish III French III Italian I German I (CP, H, AP)	Spanish IV French IV Italian II German II (CP, H, AP)
Elective			Computer Science	Senior Seminar

CP-College Prep
H- Honors
AP- Advanced Placement



High School Graduation Requirements

4.0 English
4.0 Mathematics
4.0 Science
4.0 Social Sciences
3.0 World Language
4.0 Fine Arts
2.0 Physical Education
2.0 College-Career Pathways*
1.0 Computer Science
Student Advisory
40 hours of Community Service

28 Credits

*The senior seminar, additional language, science, mathematics, English, or fine arts courses will meet the career education requirement.

Each student must pass an examination on the Declaration of Independence, the flag of the United States, the Constitution of the State of Illinois.

<p>English 1 College Prep</p>	<p>English I College Prep is a rigorous college-preparatory course that builds a solid foundation of reading, writing, listening and speaking. The study of literature and writing provides creative students with a context for their art. Students explore big ideas and essential questions through the close reading of poetry, drama, fiction, non-fiction, and mythology. Socratic discussions provide opportunities and the necessity for investigating the tensions and friction among different perspectives and interpretations. Students write to develop and expand their own ideas, and to examine the work and ideas of published authors and artists. Reflection and evaluation of students' own work is a cornerstone for developing the capacity to think, read, listen, speak, and write critically.</p>
<p>English 1 Honors</p>	<p>English I Honors is a rigorous college-preparatory course that builds a solid foundation of reading, writing, listening and speaking. The study of literature and writing provides creative students with a context for their art. Students explore big ideas and essential questions through the close reading of poetry, drama, fiction, non-fiction, and mythology. Socratic discussions provide opportunities and the necessity for investigating the tensions and friction among different perspectives and interpretations. Students write to develop and expand their own ideas, and to examine the work and ideas of published authors and artists. Reflection and evaluation of students' own work is a cornerstone for developing the capacity to think, read, listen, speak, and write critically. Honors English requires an affinity for language, literature, and abstract thought.</p>
<p>Reading Academic Support</p>	<p>The Reading Academic Support course focuses on the development of reading comprehension, critical thinking, vocabulary expansion and word-recognition skills. Through the <i>Read 180</i> language series, students will utilize classroom instruction and technology that caters specifically to his/her reading skills and level in order to improve personal reading, writing and critical thinking proficiency. This course directly addresses each student's individual needs through high-interest literature, direct instruction in reading, writing and critical thinking.</p>
<p>Algebra I College Prep</p>	<p>The goal of this course is to further expose students to abstract thinking through an algebraic structure and to guide students in using the quantitative and manipulative skills necessary in a college preparatory class. Emphasis is given to radicals, exponents, polynomials, factoring, simplifying algebraic expressions, solving and graphing linear equations and inequalities. Elementary probability and statistics will be introduced. Students apply learned skills via real-world applications and approach problem solving both logically and creatively.</p>

<p>Algebra 1/ Algebra 2/ Trigonometry Honors</p>	<p>The goal of this combined class is to further expose students to abstract thinking through an algebraic structure and to guide students in using the quantitative and manipulative skills necessary in a college preparatory class. Emphasis is given to radicals, exponents, polynomials, probability, statistics, factoring, simplifying algebraic expressions, solving and graphing linear equations and inequalities. The depth, scope, and pace of this course exceed that of Algebra (CP). Students expand the knowledge obtained to do increasingly more complex problems and applications. In addition, Algebra 2 students learn the properties and applications of complex fractions, and the six trigonometric functions. The following functions will also be explored: rational, quadratic, polynomial, exponential and logarithmic. Students apply learned skills via real-world applications and approach problem solving both logically and creatively.</p>
<p>Geometry College Prep</p>	<p>This course is designed to develop logical thinking through the analysis of geometrical situations. Students discover the relationships between figures such as angles, parallel and perpendicular lines, circles, triangles, quadrilaterals and other polygons. Right triangle trigonometry is also introduced. Inductive and deductive reasoning is stressed and explored through direct proof. An emphasis on integrating geometric concepts with algebraic skills is reinforced throughout the year. Students apply learned skills via real-world applications and approach problem solving both logically and creatively.</p>
<p>Geometry Honors</p>	<p>This course relates elements of plane, solid, and coordinate geometry. Students discover the relationships between figures such as angles, parallel and perpendicular lines, circles, triangles, quadrilaterals and other polygons. Right triangle trigonometry and properties of three-dimensional solids are investigated. Inductive and deductive reasoning is stressed and explored through direct proof. An emphasis on integrating geometric concepts with algebraic skills will be reinforced throughout the year. The depth, scope, and pace greatly exceed that of Geometry (CP). Students apply learned skills via real-world applications and approach problem solving both logically and creatively.</p>
<p>World Studies College Prep</p>	<p>The central objective of the World Studies College Prep course is to learn how the history of the world shaped modern society. Students will expand their awareness and comprehension of the cultural elements and geographic themes, the historical challenges, outcomes, and trends that designed society's development. Also, students will learn how cultures and societies overlap or differ to demonstrate the diversity of our world. In many ways, students will understand how the arrangement and structure of society's, government, economics, and cultural patterns compose world history.</p>
<p>World Studies Honors</p>	<p>The central objective of the World Studies Honors course is to learn how the history of the world shaped modern society. Students will expand their awareness and comprehension of the cultural elements and geographic themes, the historical challenges, outcomes, and trends that designed society's development. As students analyze different world cultures, societies, and cultural patterns, they will write reports, maintain a journal, and organize a binder portfolio to reflect and demonstrate their knowledge of how civilizations shaped, developed, and enhanced their economic patterns, social and religious systems, and</p>

	technology. The ultimate effects of this study will allow students to synthesize the history and traditions, economics and daily life patterns that consume our world.
Biology College Prep	Biology is the study of life. In this course, study will focus on the central concepts of continuity, development, energy transfer, evolution, interdependence, and regulation. A major emphasis will be on developing these central concepts using scientific inquiry and understandings about scientific inquiry. Many levels of biological organization are explored through lecture/discussion, small group, cooperative learning and hands-on laboratory experiences. Scientific vocabulary, historical philosophies, methods, societal, ethical and environmental effects of scientific progress are also addressed.
Biology Honors	Biology is the study of life. In this course, study will focus on central concepts: continuity, development, energy transfer, evolution, interdependence, and regulation. A major emphasis will be on developing these central concepts using scientific inquiry and understandings about scientific inquiry. Students are expected to employ advanced problem-solving skills in constructing hypotheses, designing experiments, as well as, collecting and evaluating data. Written assignments are based on current scientific developments, and there is an expectation that students are able to work more independently.

Spanish 1 College Prep	The introductory Spanish course introduces students to the sound system and basic vocabulary of the language. Students will begin developing basic proficiency in the language utilizing listening, speaking, reading and writing skills. Upon completion of the course students will be able to speak and understand basic Spanish. Exploration of Spanish speaking countries will be used to develop cultural awareness and enhance language learning opportunities. Students will be using the McDougall Littell series <i>En Español</i> along with music, DVDs and technology to further engage their use of the Spanish language.
Spanish 1 Honors	The honors introductory Spanish course introduces students to communication in the Spanish language. Students will develop basic proficiency in the language utilizing listening, speaking, reading and writing skills. Upon completion of the course students will be able to speak and understand basic Spanish. The honors course will be an intensive immersion environment requiring the students to communicate in the language exclusively. Additionally, students will be introduced to a variety of texts to enhance their ability to communicate in the language. Exploration of Spanish speaking countries will be used to develop cultural awareness and enhance language learning opportunities. Students will be using the McDougall Littell series <i>Avencemos</i> along with music, DVDs and technology to further engage their use of the Spanish language.

<p>Spanish 2 Native Speakers</p>	<p>Spanish II/Native Speakers is a course designed for students who already have basic skills in the Spanish language. Students will continue to enhance their proficiency through the use of listening, speaking, reading and writing. Students will be required to communicate exclusively in Spanish with emphasis placed on speaking skills for non-native speakers and reading and writing skills for native speakers. Exploration of the various cultures of the Spanish speaking world will further develop the students' appreciation for the countries where Spanish is spoken. Students will be using the McDougall Littel series <i>Avencemos</i> along with music, DVDs and technology to further engage their use of the Spanish language.</p>
<p>French 1 College Prep</p>	<p>The French I course focuses on developing the skills of listening, reading, writing and speaking beginning French. The content of this course will focus on the study of vocabulary, grammar and expressions in French. French I will center on Francophone culture in order to introduce students to the languages and issues surrounding French-speaking countries all over the world. The objective of this course is to lead students to communicate effectively in French through instruction in pronunciation, grammar and everyday vocabulary. French I will use the <i>Bien Diet</i> textbook as well as computer programs, CDs and videos to further language learning and development.</p>
<p>French 1 Honors</p>	<p>The French I Honors course focuses on developing the skills of listening, reading, writing and speaking French. The content of this course will focus on the study of vocabulary, grammar, expressions and reading in French. This course will be taught exclusively in French and students will be expected to communicate in French in the classroom. This course will introduce various French texts to students centered on French and Francophone history and culture in order to further development in the language. French I Honors will use the <i>Bien Diet</i> textbook as well as computer programs, CDs and videos to further language learning and development.</p>