

Putnam County High School
Putnam County Community Unit School District #535

- PROGRAM OF STUDIES -



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Where all students will learn and succeed, and all means ALL

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EDUCATIONAL PLANNING

Educational planning is a continuous process. Guidance personnel, teachers, and administrators are in a position to help students and parents in planning the educational and vocational future of the students as well as to discuss and solve personal problems of adjustment to school and community life. The purpose of the Program of Studies is to provide a source of information to facilitate student and parent understanding of the Putnam County High School curriculum and registration/scheduling process.

GRADUATION REQUIREMENTS

Seven classes per semester are required. Students may elect to take eight or nine classes (Dual Credit). One half credit is awarded for the successful completion of a semester's worth of work.

Courses: All students who plan to graduate and receive a diploma must take and pass the subjects listed below. These required courses form the foundation for a well-rounded education and preparation for a successful transition to College or Career.

4 credits of English

3 credits of Math

3 credits of Science

2 credits of Social Studies – 1 credits must be US History and 1/2 credit must be Civics

1/2 credit of Computer Applications

1/2 credit of Health

1/2 credit of Consumer Educations

3.5 credits of Physical Education

1/2 credit of Driver's Education

2 Elective credits specified in the area of Fine Arts, Foreign Language, or Tech Education

5.5 additional Elective credits

25 Total Credits

+ Passing Score on the US and Illinois Constitution Tests

+ Completion of the SAT

ENGLISH

<u>Course</u>	<u>Credits</u>	<u>Years Offered</u>
English I	1	9 th
Honors English I*	1	9 th
English II	1	10 th
Honors English II*	1	10 th
English III	1	11 th
English IV	1	12 th
Contemporary Novels A	1/2	11 th , 12 th
Contemporary Novels B	1/2	11 th , 12 th
Speech*	1/2	12 th
Creative Writing*	1/2	12 th
Journalism I	1	11 th , 12 th
Journalism II	1	12 th
AP [®] Language and Composition*	1	11 th
AP [®] Literature and Composition*	1	12 th



ENGLISH I	
Prerequisites: None	<p>English I concerns the study of grammar, writing and literature. Students will evaluate and analyze short stories, lyric poetry, drama and novels. Students also will be taught critical thinking and reasoning skills and applications of both in literature. Emphasis is placed on writing and the use of argument and research within written compositions. Vocabulary, Accelerated Reader, journaling and communication are all part of the English I curriculum.</p>
Years Offered: 9 th	
Credits: 1	

HONOR ENGLISH 1*	
Prerequisites: Dept. Recommendation, and Grade of C or better in 8 th Grade English	<p>In this course, students apply the study of language arts to fiction and nonfiction texts, analyzing specific literary terms of both genres. Students will complete the following units: Short Story unit with thematic focus on character values, Poetry unit with focus on building analyzation skills, Mythology Unit and reading of The Odyssey, Shakespeare Unit and reading of Romeo & Juliet, and one novel unit as selected by the instructor. Nonfiction texts studied are tailored to prepare students for the SAT, and to enhance the thematic study of each semester. In regards to writing, students will complete two formal essays: one that is analysis based, and one that is argumentative based. Students enrolled in this course will be prepared for taking AP English in their junior and/ or senior year. They will be exposed mildly to the AP Language and Literature test formats throughout the year. Students enrolled in this class need to be able to handle the pace and rigor expected.</p>
Years Offered: 9 th	
Credits: 1	

ENGLISH II	
Prerequisites: None	<p>In this course, students apply the study of language arts to fiction and nonfiction texts, analyzing specific literary terms of both genres. Fiction texts are broken into thematic units that include a focus on identity. Tears of a Tiger, and To Kill a Mockingbird are the two main novels taught, and each have a thematic focus on identity formation, as well as character progression, language and structure of the text. Nonfiction texts studied are, tailored to prepare students for the SAT, and to enhance the thematic study of each semester. In regards to writing, students will complete two formal essays: one that is analysis based, and one that is argumentative based.</p>
Years Offered: 10 th	
Credits: 1	

HONORS ENGLISH II*	
Prerequisites: Dept. Recommendation	<p>In this course, students will gain experience, knowledge and understanding that will help propel them into an AP English course their junior and/or senior years. The focus of this course is to develop the foundational analysis skills in the following areas: rhetorical, poetic, and literary. Students will complete the following units: Short Story/ Poetry unit focusing on “Coming of Age”, The Glass Castle novel unit that focuses on the realm between turbulence and order, as well as family dynamics. Students will also focus on identity formation as they read To Kill a Mockingbird, and will read one Shakespeare piece as selected by the instructor. Material is tailored to the AP Language and AP Literature exams, respectively exposing students to the content and format of each. Students are also immersed into vocabulary study to help prepare them for the AP tests in the future, as well as sample writing prompts. Any nonfiction text studied is also tailored to the SAT. In regards to writing, students write two main essays during the year: one argumentative/ rhetorical based (AP Language) and one that is literary analysis based (AP Literature). Students complete a series of informal writing that includes Cornell Notes, narrative pieces, and synthesis pieces. Students enrolled in this class need to be able to handle the pace and rigor expected. Honors 1 Students should consider taking this course.</p>
Years Offered: 10 th	
Credits: 1	

ENGLISH III	
Prerequisites: None	<p>The rigorous English III course is designed to help students meaningfully examine and evaluate various genres of American Literature. Through reading several books, plays, and poetry, students learn to analyze, synthesize and evaluate the content of a range of literary themes and concepts. Students aim to improve their reading, writing, vocabulary and grammar skills by exploring and applying specific common instructional framework strategies. In conjunction with this and the use of technology, students compose persuasive, expository and narrative essays and collaboratively create multiple novel-based projects over the course of the academic year.</p>
Years Offered: 11 th	
Credits: 1	

ENGLISH IV	
Prerequisites: None	<p>In this course, students focus primarily on British Literature. All literary works are covered in historical context and are written by British authors. Students apply the study of language arts to fiction and nonfiction text, analyzing specific literary terms of both genres. Fiction texts focus on character development and qualities of a hero and a villain. These texts include <i>Beowulf</i>, <i>Canterbury Tales</i>, <i>Sir Gawain & The Green Knight</i>, <i>LeMort de Arthur</i>, <i>Lord of the Flies</i>, and <i>Hamlet</i>. Students refine their literary analysis skills by producing a compare and contrast composition piece. Students refine their skills in writing by also being exposed to different types of writing they will experience in the real world: resumes, complaint letters, business proposals, etc.</p>
Years Offered: 12 th	
Credits: 1	

CONTEMPORARY NOVELS (A & B)	
Prerequisites: None	<p>This course is offered in two sections: Section A in the fall semester, and Section B in the spring semester. Students are only allowed to take each semester ONE time. This is an elective course for students who require additional English credits.</p> <p>In this course, students will read four novels per semester, all on contemporary issues. In addition to reading, students will analyze characters and other literary elements in order to connect with the story. While the course is reading intensive, a focus on how to engage and process information from a variety of different texts, both fiction and nonfiction.</p>
Years Offered: 11 th , 12 th	
Credits: 1/2	

SPEECH*	
Prerequisites: Dept. Recommendation	<p>Speech is an elective course in the English studies track, which may fulfill graduation requirements. In this course, students will analyze audience and purpose when formally speaking on a variety of topics. In addition to applying research skills and experimenting with different pre-writing strategies, students will develop communication skills through the performance of speeches ranging from impromptu and demonstration to informative and persuasive styles. Students also will evaluate purpose, technique and content of both their own speeches and those of peers.</p>
Years Offered: 12 th	
Credits: 1/2	

CREATIVE WRITING*	
Prerequisites: Dept. Recommendation	<p>Creative Writing is an elective course in the English studies track, which may fulfill graduation requirements. In this course, students will write creatively in multiple genres including poetry, short story and personal essay. Students will participate in discussion regarding form, style and meaning as well as assessment and review of example pieces, their own pieces and those of their classmates.</p>
Years Offered: 12 th	
Credits: 1/2	

JOURNALISM I	
Prerequisites: None	<p>In this course, students are introduced to the historical importance of journalism in America. They will study the basic principles of print journalism as they examine the role of printed news media in our society. Students will learn responsible reporting and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students conduct interviews, research, write, take photographs. Students also apply journalistic principles and design to yearbook creation. Heavy emphasis is on the creation of student publications including the <i>Paw Prints</i> student newspaper and the <i>Panther's Tale</i> yearbook.</p>
Years Offered: 11 th , 12 th	
Credits: 1	

JOURNALISM II	
Prerequisites: Journalism I, Teacher Recommendation	<p>Journalism II is an elective class in which the primary focus is performing a leadership role for PCHS student publications.</p> <p>Enrollment is highly limited to a maximum of two students and is based on teacher selection. Selected students need to demonstrate a high level of journalistic skill and fully grasp the concepts taught within the Journalism I curriculum.</p>
Years Offered: 12 th	
Credits: 1	

AP[®] LANGUAGE AND COMPOSITION*	
Prerequisites: English I & English II	<p>The AP Language and Composition course is a college-level program that introduces students to a wide range of expository prose in order to broaden their scope of rhetorical ideas and deepen their awareness of the power of language. The course is designed to meet the rigorous requirements of a college level writing class and includes expository, analytical, personal, and argumentative texts from a variety of authors and historical contexts. These works provide examples of prose writings that students can emulate in their own writing experiences as they discover and create their own style and voice.</p> <p>This course provides students with the information necessary to read analytically, formulate theories and arguments based on the readings, and respond by composing articulate essays that utilize advanced elements of sentence structure, syntax, style, purpose, and tone. The purpose of the AP English Language course is to help students “write effectively and confidently in their college courses across the curriculum and in their Professional and personal lives.” (The College Board, AP English Course Description, May 2007, p. 6). Using rhetorical principles, students will learn how to become critical thinkers, and apply that knowledge to their writing by revising and improving their essays, as well as critiquing and editing peer essays. In addition, students will be required to thoroughly research relevant topics, synthesize information from a variety of sources, and document their knowledge in a cogent well written report using proper cite notations such as MLA or APA.</p>
Years Offered: 11 th	
Credits: 1	

AP[®] LITERATURE AND COMPOSITION*	
Prerequisites: English I, English II, English III	<p>This one-year course concentrates on the advancement of skills in students' critical reading of a wide range of complex imaginative literature (poetry, drama, and novels) and in the ability to analyze literature in writing with clarity and sophistication. Therefore, students will need to devote the time and energy necessary to complete rigorous and demanding college-level work. Activities include small group and whole class discussion, routine writing assessments assigned in both timed situations and extended time frames, objectives and written assessments including literary analysis over literary texts, and both informal and formal presentations. Students will demonstrate their mastery of the skills learned in this course by taking the Advanced Placement English Literature and Composition exam in May.</p>
Years Offered: 12 th	
Credits: 1	

MATHEMATICS

<u>Course</u>	<u>Credits</u>	<u>Years Offered</u>
Mathematics I	1	9 th
Mathematics II	1	9 th , 10 th
Advanced Mathematics II*	1	9 th , 10 th
Mathematics III	1	10 th , 11 th , 12 th
Advanced Mathematics III*	1	10 th , 11 th , 12 th
College Algebra	1/2	11 th , 12 th
Statistics	1/2	11 th , 12 th
Trigonometry*	1/2	11 th , 12 th
Pre-Calculus*	1/2	11 th , 12 th
AP [®] Calculus*	1	12 th
Transitional Math – STEM	1	12 th



MATHEMATICS I	
Prerequisites: None	<p>The purpose of Mathematics I is for incoming freshman to formalize and extend the mathematics that students learned in the middle grades. The areas of instruction are intended to deepen and extend understanding of linear relationships, by contrasting them with quadratic, absolute value, and exponential phenomena, as well as by applying linear models to data that exhibit a linear trend. Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge by applying transformational principles. The units of study are, but not limited to, expressions, equations, inequalities, congruent figures, an introduction to functions, interpreting functions, linear relations, linear modeling, systems of equations and inequalities, statistics (including standard deviation), exponential functions, and a unit on the comparisons of linear functions with quadratic, absolute value, and exponential functions.</p>
Years Offered: 9 th , 10 th	
Credits: 1	

MATHEMATICS II	
Prerequisites: Mathematics I	<p>The purpose of Mathematics II is to formalize and extend the mathematics that students learned in Mathematics I. The areas of instruction are intended to deepen and extend understanding of quadratic expressions, equations, and functions and relate them to the linear and exponential relationships seen in Mathematics I. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to Quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations will also be explored. Some of units of study are, but are not limited to, complex numbers, quadratic functions and modeling, quadratic expressions and equations, applications of probability, similarity, right triangle trigonometry, and circles on or off of the coordinate plane.</p>
Years Offered: 9 th , 10 th	
Credits: 1	

ADVANCED MATHEMATICS II*	
Prerequisites: Teacher recommendation & “B” average in Mathematics I	<p>The purpose of Advanced Mathematics II is to challenge the students who are ready for a more rigorous Mathematics II experience. The areas of instruction are intended to deepen and extend understanding of quadratic expressions, equations, and functions and relate them to the linear and exponential relationships seen in Mathematics I. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to Quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations will also be explored. Some of units of study are, but are not limited to, complex numbers, quadratic functions and modeling, quadratic expressions and equations, applications of probability, similarity, right triangle trigonometry, and circles on or off of the coordinate plane.</p>
Years Offered: 9 th , 10 th	
Credits: 1	

MATHEMATICS III	
Prerequisites: Mathematics II	<p>Mathematics III is a continuation of the exploration of functions that began in Mathematics I and II. Students will apply a variety of solving methods to solve polynomial, rational, radical, exponential, logarithmic and trigonometric functions. Students will examine the graphs of these different types of function and drawing connections between different representations of these functions (charts, graphs, and equations) and the key features. Additionally, the students expand on their previous work with Geometry. Students will be analyzing and finding a solution to real world situations involving circles and 3-dimensional figures as well as examining the proof process and providing a shape is a specific shape on the coordinate plane. The units of study are Circle Geometry and Proofs on the Coordinate Plane, Geometric Modeling, General Functions, Polynomial Functions, Rational Functions, Radical Functions, Exponential Functions, Logarithmic Functions (if time allows), and Trigonometric Functions (if time allows).</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

ADVANCED MATHEMATICS III*	
Prerequisites: "B" average in Advanced Mathematics II	<p>The purpose of Advanced Mathematics III is to challenge the students who are ready for a more rigorous Mathematics III experience. Mathematics III is a continuation of the exploration of functions that began in Mathematics I and II. Polynomial, rational, radical, exponential, logarithmic and trigonometric functions are examined in their entirety. Drawing connections between different representations of functions (charts, graphs, and equations) and the key features is the focus of the units. Additionally, the students expand on their previous work with Geometry, the focus being on circles and 3-dimensional figures. The units of study are Circle Geometry and Proofs on the Coordinate Plane, Geometric Modeling, General Functions, Polynomial Functions, Rational Functions, Radical Functions, Exponential Functions, Logarithmic Functions (if time allows), and Trigonometric Functions (if time allows).</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

COLLEGE ALGEBRA	
Prerequisites: Mathematics I, II, and III	<p>This course is primarily for students who need to continue on in mathematics. Topics of study include: review of fundamental algebraic operations, radicals, systems of equations, higher degree equations, inequalities, absolute value, exponential, and logarithms.</p>
Years Offered: 11 th , 12 th	
Credits: ½	

STATISTICS	
Prerequisites: Mathematics I, II, III	This course is intended to provide students with a basic understanding of the role of statistics in society along with a workable knowledge of statistical methods. Topics include: graphical methods of organizing data, numerical descriptions of data, basic probability theory, probability distributions, statistical inference, estimation, hypothesis testing, correlation and regression, and analysis of variance.
Years Offered: 11 th , 12 th	
Credits: ½	

TRIGONOMETRY*	
Prerequisites: Teacher Recommendation, Math III or Adv. Math III	The initial part of Trigonometry has review of higher order Algebra and Geometry skills. These concepts are then applied to trigonometric functions and practical application. All six trig functions are explored in detail through a variety of situation involving the coordinate plane and right triangles. The relationship between the unit circle and the graphs of the basic trig functions is examined and the understanding is applied to applications involving trigonometric graphs. Students apply the law of sines and law of cosines to practical application questions involving non-right triangles. Students will prove identities to be true. Further identities will be explored and applied.
Years Offered: 11 th , 12 th	
Credits: 1/2	

PRE-CALCULUS*	
Prerequisites: Trigonometry	Students explore the interworking of Logarithmic and exponential functions through graphing and solving. The students then look at graphing higher-order polynomials and apply their knowledge of imaginary numbers when solving for x-intercepts. The students explore a unit covering sequences, series, and statistics that includes counting principles and Pascal's triangle. The students also explore rational functions which leads into the introduction and use of limits. The course concludes with a basic introduction of calculus.
Years Offered: 11 th , 12 th	
Credits: 1/2	

AP[®] CALCULUS*	
Prerequisites: Trigonometry and Pre-Calculus	The course begins by introducing students how applications of calculus differ from traditional applications of math. It covers the two major topics of calculus, differentiation and integration, by looking at functions graphically, analytically, and numerically. Students study how to differentiate and integrate a wide variety of functions including polynomial, rational, logarithmic, and exponential functions. The course covers application of differentiation and integration and also touches on calculus based physics.
Years Offered: 12 th	
Credits: 1	

HIGH SCHOOL TRANSITIONAL MATH - STEM

Prerequisites: in order to receive college placement a student must have completed Math I, II, and III and received a C or lower in Math III	<p>Math course framework built around essential algebraic competencies designed to prepare students for college and career pathways in areas such as: Science, Technology, Engineering, and Math or STEM which require advanced algebraic skills or calculus. Course design will enable students to transition directly into credit bearing college-level algebra courses. Students will engage in deepening conceptual understanding using algebra and mathematical applications of algebra and functions and how functions naturally arise using authentic modeling situations. The function families (linear, polynomial, rational, radical, and exponential) will be emphasized. Additionally, the course shall emphasize the eight mathematical practices, particularly modeling within the setting of authentic and contextualized applications, and upon completion, the student should be able to: demonstrate and justify both orally and in writing conceptual understanding of functions combined with advanced algebraic knowledge to solve complex, contextualized, multi-step problems in authentic settings.</p> <p>The purpose of transitional mathematics is to expand and extend high school opportunities for students to continue growth in mathematical knowledge, concepts, and skills aligned more closely with the student's career path and postsecondary and/or career goals. Successful completion of a transitional mathematics course for a high school graduate results in direct placement into postsecondary credit-bearing mathematics courses at all Illinois community colleges and accepting Illinois universities without a placement test.</p>
Years Offered: 12 th	
Credits: 1	

SCIENCE

<u>Course</u>	<u>Credits</u>	<u>Years Offered</u>
Introduction to Biology	1/2	9 th , 10 th , 11 th
Introduction to Chemistry	1/2	9 th , 10 th , 11 th
Introduction to Physics	1/2	9 th , 10 th , 11 th
Introduction to Earth Science	1/2	9 th , 10 th , 11 th
Biology	1	9 th , 10 th
Chemistry*	1	10 th , 11 th , 12 th
Earth Science	1	10 th , 11 th , 12 th
Environmental Science	1	11 th , 12 th
Physics*	1	11 th , 12 th
AP [®] Biology*	1	11 th , 12 th



INTRODUCTION TO BIOLOGY	
Prerequisites: None	This semester long course will cover a range of topics but will go into lesser detail than the year-long Biology course. Just some of the topics that will be covered will be ecosystems, plant and animal cells, and genetics. There will be many lab-based assignments and grades.
Years Offered: 9 th , 10 th , 11 th	
Credits: 1	

INTRODUCTION TO CHEMISTRY	
Prerequisites: None	This semester long course will be a non-math based Chemistry course that will focus on the structure of the atom as well as what is taking place in chemical reactions. There will be an emphasis on using lab equipment and will take a hands-on/interactive approach to these topics.
Years Offered: 9 th , 10 th , 11 th	
Credits: 1	

INTRODUCTION TO PHYSICS	
Prerequisites: None	This semester long course will be a non-math based Physics course that will focus on motion as well as simple machines. There will be an emphasis on using lab equipment and will take a hands-on/interactive approach to these topics.
Years Offered: 9 th , 10 th , 11 th	
Credits: 1	

INTRODUCTION TO EARTH SCIENCE	
Prerequisites: None	This semester long course will cover a range of topics but will go into lesser detail than the year-long Earth Science course. Just some of the topics that will be covered will be the water cycle, rocks, and weather and the atmosphere. There will be many lab-based assignments and grades.
Years Offered: 9 th , 10 th , 11 th	
Credits: 1	

BIOLOGY	
Prerequisites: None	Biology is the study of living organisms and their environmental roles and responses. The course involves research, experiments, model building and collaborative thinking. Topics also covered include the inheritance of traits, the chemical basis of life, interactions of living things, cell biology, & genetics. Students enrolling in Biology should be concurrently enrolled in Algebra 1 or have already met this requirement. To succeed in this class, students must possess strong reading and collaborative skills.
Years Offered: 9 th , 10 th , 11 th	
Credits: 1	

CHEMISTRY*	
Prerequisites: Algebra 1 content	Chemistry is an advanced laboratory study to determine a logical model to explain chemical phenomena. The course will include topics such as atomic structure, chemical reactions, stoichiometry, energy changes, and acids/bases. Students will be involved in the application of learned theories through laboratory exercises.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

ENVIRONMENTAL SCIENCE	
Prerequisites: None	Environmental Science is a full year course broken down into two separate semester activities. First semester explores environmental issues from a global perspective looking at the past, present and trends for the future and their implications for our planetary health. Second semester examines ecological processes and applies this knowledge to environmental events and research activities. It is not intended to replace either biology or chemistry, and a successful Environmental Science student would benefit from having shown competency thru prior completion of these courses. It is not recommended for freshman or sophomore years of study.
Years Offered: 11 th , 12 th	
Credits: 1	

EARTH SCIENCE	
Prerequisites: None	Earth Science is a physical science course, which emphasizes four main areas of study: astronomy, geology, oceanography, and meteorology. Lab exercises are conducted in rock and mineral identification, fossils, volcanoes, and earthquakes.
Years Offered: 10 th , 11 th	
Credits: 1	

PHYSICS*	
Prerequisites: Algebra 1 content and Chemistry	Physics is an advanced, in-depth study of the following concepts: motion, force and energy. Each of these areas is broken down and analyzed through mathematical and experimental investigation. Topics include Forces and motion, work and energy, waves (sound and light), optics, and electric current.
Years Offered: 11 th , 12 th	
Credits: 1	

AP[®] BIOLOGY*

Prerequisites: Teacher recommendation and “B” average in Chemistry and Physics	AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions.
Years Offered: 11 th , 12 th	
Credits: 1	

SOCIAL SCIENCE

<u>Course</u>	<u>Credits</u>	<u>Years Offered</u>
World History	1	9 th
World Geography	1	9 th
US History	1	10 th , 11 th
Civics	1/2	11 th
Modern U.S. History*	1	11 th , 12 th
Sociology*	1	12 th



WORLD HISTORY	
Prerequisites: None	World History is a college preparation Western Civilization Course we focus on Prehistory through the 17th century covering the development of mankind through the study of the major river valley civilizations into the development of western civilization. Along with the rigorous course content, organization, and responsibility are stressed in an effort to prep college readiness.
Years Offered: 9 th , 10 th , 11 th	
Credits: 1	

WORLD GEOGRAPHY	
Prerequisites: None	World Geography focuses on the study of the two main branches of geography Human and Physical. Students will be expected to learn and understand not only how to use and understand maps but also to associate history, culture, and language to a region. Students will learn not only how Humans affect geography but how geography affects humans. We will study the basic concepts of geography as well as the countries and regions around the world. Emphasis is placed on cultural identity, political structure, boundaries, and the understanding of humanity.
Years Offered: 9 th	
Credits: 1	

UNITED STATES HISTORY	
Prerequisites: None	The American History course is a presentation of the major events in the history of the United States from the colonial period to the middle Twentieth Century. Emphasis is placed on significant personalities, legislation, treaties, Presidential elections, and the causes and effects of wars and economic changes. The current textbook provides the basis of the class but many primary and secondary sources are used to enhance student understanding and learning. First semester covers the French & Indian War to the Civil War and Reconstruction. Second semester covers the 1880's to the Cold War. Successful completion of this course is required for graduation.
Years Offered: 10 th , 11 th	
Credits: 1	

CIVICS	
Prerequisites: None	This course in Civics focuses on American government, with an emphasis on structure, function, and in-depth analysis of national, state, and local government. The student's role in a democracy is determined through relationships with citizenship, elections, interest groups, and public opinions. A focus on government institutions, current and controversial issues, service learning, and simulation of government processes. The idea is to give students not only the knowledge of how our government works but how we function in our government, and how to make them better citizens.
Years Offered: 11 th , 12 th	
Credits: 1/2	

MODERN U.S. HISTORY*	
Prerequisites: None	Modern U.S. History is an elective course for upperclassmen. The course work focuses on the history of the United States from the end of World War II through the present day with an emphasis on the Cold War and Cold War politics. This course is lecture and discussion based, students are expected to analyze primary and secondary source documents, apply lecture topics and source analysis to research based papers assignments and written essay style exams. The objective is to prepare Junior senior level students for college course work and push college readiness.
Years Offered: 11 th , 12 th	
Credits: 1	

SOCIOLOGY*	
Prerequisites: None	Sociology is a college level course designed for the above average student. The first semester concentrates on the theories for group behavior, personality development, the individual's role in various groups, criminal behaviors and punishment, social classes and poverty and welfare programs. Second semester topics focus on the application of theory to minorities, sex roles, development, riots and mass hysteria.
Years Offered: 12 th	
Credits: 1	

FOREIGN LANGUAGE

<u>Course</u>	<u>Credits</u>	<u>Years Offered</u>
Spanish I	1	9 th , 10 th , 11 th , 12 th
Spanish II	1	10 th , 11 th , 12 th
Spanish III*	1	11 th , 12 th
Spanish IV*	1	12 th



SPANISH I	
Prerequisites: C average in English	This course is an introduction to the study of the target language and its culture. It allows students to perform the most basic functions of the language and to become familiar with some elements of its culture. The emphasis is placed on the development of the four skills of listening, speaking, reading and writing within a given context extending outside of the classroom setting when possible. The context focuses on the students' lives and experiences and includes an exposure to everyday customs and lifestyles. Grammar is integrated throughout the course and is selected according to the language needs. Students acquire some insight into how languages and cultures work by comparing the target language and culture(s) to their own.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1	

SPANISH II	
Prerequisites: C- Average in Spanish I	Students enrolled in this course have successfully completed the level 1 course. This course provides students with opportunities to continue the development of their listening, speaking, reading, and writing skills. Students participate in simple conversational situations by combining and recombining learned elements of the language orally and in writing. They are able to satisfy basic survival needs and interact on issues of everyday life in the present time and past time inside and outside the classroom setting. They compose sentences which narrate, describe, compare, and summarize familiar topics that relate to the target culture. Focus is placed on understanding main ideas. They develop a better understanding of the similarities and differences between cultures and languages.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

SPANISH III*	
Prerequisites: C+ Average in Spanish I & II	Spanish 3 has a special emphasis on oral proficiency. In addition, the students understanding of grammar is strengthened by formal analysis of grammatical structures already familiar to them. Spanish 3 aims to enhance the students' vocabulary through further acquisition of reading skills.
Years Offered: 11 th , 12 th	
Credits: 1	

SPANISH IV*	
Prerequisites: B- Average in Spanish III	The goal of Spanish 4 is mastery of grammar, verb structures, and vocabulary. Listening and speaking skills are further developed through student presentations, real-life experiences using the target language and classroom discussions.
Years Offered: 11 th , 12 th	
Credits: 1	

CAREER-TECHNICAL EDUCATION

Course	Credits	Years Offered
Introduction to Agriculture	1	9 th , 10 th
Agricultural Science BSAA	1	10 th , 11 th , 12 th
Animal Science	1	10 th , 11 th , 12 th
Plant Science	1	10 th , 11 th , 12 th
Agricultural Technology & Mechanization	1	10 th , 11 th , 12 th
Agribusiness Management	1	10 th , 11 th , 12 th
Horticulture Production Management	1	10 th , 11 th , 12 th
Agriculture Resource Management	1	10 th , 11 th , 12 th
Advanced Ag Welding & Metals	1	11 th , 12 th
Agriculture Engineering	1	10 th , 11 th , 12 th
Agriculture Construction Skills	1	10 th , 11 th , 12 th
Agriculture Power	1	10 th , 11 th , 12 th
Vet Science	1	10 th , 11 th , 12 th
Agriculture Communications/Leadership	1	10 th , 11 th , 12 th
Agriculture Biotechnology	1	10 th , 11 th , 12 th
Supervised Agriculture Experience	1	12 th
Computer Applications I	1/2	9 th , 10 th , 11 th , 12 th
Computer Applications II	1/2	10 th , 11 th , 12 th
Computer Applications III	1/2	10 th , 11 th , 12 th
Consumer Education	1/2	10 th , 11 th , 12 th
Introduction to Business	1	9 th , 10 th , 11 th , 12 th
Accounting	1	10 th , 11 th , 12 th
Cooperative Work Experience Education	3	11 th , 12 th
Orientation to Family and Consumer Sci.	1	9 th , 10 th
Food and Nutrition	1	10 th , 11 th , 12 th
Culinary Arts	1	11 th , 12 th
Parenting	1/2	10 th , 11 th , 12 th
Child Development	1/2	10 th , 11 th , 12 th



INTRODUCTION TO AGRICULTURE	
Prerequisites: None	This orientation course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 9 th , 10 th	
Credits: 1	

AGRICULTURAL SCIENCE BSAA	
Prerequisites: None	Agriscience introduces the student to the application scientific approach to agriculture including animal, plant, food, and soil science. Agricultural career opportunities will be emphasized in each class. Laboratory experiences relating to basic and current technology will be part of the program. Content may be enhanced by utilizing appropriate computer applications. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

ANIMAL SCIENCE	
Prerequisites: None	<p>The major focus of the Principles of Agricultural Science – Animal (ASA) course is to expose students to agriculture, animal science, and related career options. Students participating in the ASA course will have experiences in various animal science concepts with exciting hands-on activities, projects, and problems. Students’ experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets.</p> <p>Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, and industry personnel, face in their respective careers.</p> <p>Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	
<p>Other:</p> <p>Course offered on a two-year rotational basis.</p> <p>Completion of course can be applied to graduation science requirements.</p>	

PLANT SCIENCE	
Prerequisites: None	<p>Principles of Agricultural Science – Plant (ASP) course provides a foundation of plant science knowledge and skills. Students will experience various plant science concepts through exciting “hands-on” activities, projects, and problems. Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agronomic, forestry, and horticultural industries. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers. Students will understand specific connections between the course’s lesson and Supervised Agricultural Experience and FFA components of agricultural education programs. Students will improve investigative, experimental and communication skills. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	
<p>Other:</p> <p>Course offered on a two-year rotational basis.</p> <p>Completion of course can be applied to graduation science requirements.</p>	

AGRICULTURAL TECHNOLOGY AND MECHANIZATION	
Prerequisites: None	<p>This course will concentrate on expanding student’s knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are: design, fabrication, maintenance, welding, electricity/electronics, and employability skills. Careers of agricultural, electrician, welder, equipment designer, parts manager, safety inspector, welder, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

AGRIBUSINESS MANAGEMENT	
Prerequisites: None	<p>This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, agricultural law, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	
<p>Other:</p> <p>Completion of full course fulfills consumer education graduation requirement.</p>	

HORTICULTURE PRODUCTION MANAGEMENT	
Prerequisites: None	This course offers instruction in both the greenhouse production and landscape areas of horticulture. Units of study include plant identification, greenhouse management, growing greenhouse crops, landscape design, installation, and maintenance, horticulture mechanics, nursery management, and turf production. Agribusiness units will cover operating a horticultural business, pricing work, advertising, and sales. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	
Other: Course offered on three-year rotational basis.	

AGRICULTURE RESOURCE MANAGEMENT	
Prerequisites: None	This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in: understanding natural resources and its importance; fish, wildlife, and forestry management and conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and managing forests, and outdoor safety education will be featured. Career exploration will be discussed including: park ranger, game warden, campground manager, forester, conservation officer, wildlife manager, and related occupations. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	
Other: Course offered on three-year rotational basis.	

ADVANCED AGRICULTURE WELDING AND METALS	
Prerequisites: Ag Technology	To develop welding skills through observation, learned information, and practiced skills. In using many different types of welding and metal working tools and equipment. Safety being a primary and mandatory learning tool in the shop classes. This course will introduce students into the many different processes of welding in Agriculture and Industry applications. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 11 th , 12 th	
Credits: 1	
Other: Offered as Dual Credit with IVCC	

AGRICULTURE ENGINEERING	
Prerequisites: None	Agriculture Engineering emphasizes the principles, concepts, and laws of science and the mathematical relationships supporting, describing, and explaining that science within the context of agriculture. Agriculture Engineering integrates agriculture and the physical sciences, beginning with agriculture applications, then focusing on the science that explains and/or controls that application. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	
Other: Course offered on two-year rotational basis.	

AGRICULTURE CONSTRUCTION SKILLS	
Prerequisites: None	This advanced course focuses on the knowledge, hands-on skills, and work place skills applicable to construction in the agricultural industry. Major units of instruction include: personal safety, hand tools, power tools, blue print reading, and construction skills in carpentry, drywall and painting. Careers such as agricultural engineers, carpenter, finishers, safety specialists, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

AGRICULTURE POWER	
Prerequisites: None	In this course, theory and hands-on experiences provide opportunities for students to develop knowledge and skills in agricultural mechanics. Instructional areas include small engines, engine measurements, trouble shooting, carburetion theory, 4 stroke theory, ignition, lubrication, repair and maintenance of engines. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

VETERINARIAN SCIENCE	
Prerequisites: None	This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	
Other: Offered on a three-year rotational basis. Completion of course can be applied to graduation science requirements.	

AGRICULTURE BIOTECHNOLOGY	
Prerequisites: None	<p>Animal and Plant Biotechnology, a specialization course in the CASE Program of Study, provides students with experiences in industry appropriate applications of biotechnology related to plant and animal agriculture. Students will complete hands-on activities, projects, and problems designed to build content knowledge and technical skills in the field of biotechnology. Students are expected to become proficient at biotechnological skills involving micro-pipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction. Students will maintain a research level Laboratory Notebook throughout the course documenting their experiences in the laboratory. Research and experimental design will be highlighted as students develop and conduct industry appropriate investigations. Students will develop and conduct a research project following the National FFA Agriscience Fair guidelines. From background research through data collection and analysis, students will investigate a problem of their choice and conclude the project by reporting their results in the forms of a research paper and a research poster. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	
Course offered on two-year rotational basis.	

SUPERVISED AGRICULTURAL EXPERIENCE/INDEPENDENT STUDY	
Prerequisites: FFA Advisor approval and two years of record	<p>This course is designed to improve and expand knowledge and skills in various agricultural careers. Students will gain credit by continuing a project at their home, at a local business, or at their school usually after normal school hours. Students are encouraged to add additional projects, experiences, scope, and growth involving managerial and decision making skills. Students will be required to verify their experiences by keeping written or computerized records including: business agreements, budgets, inventories, daily activities, hours worked, income and expenses, total earnings, depreciation, and net worth. Instructor supervision will be conducted to the student's home or place of employment. SAE records will be evaluated at least once per month. In addition, SAE lessons are integrated into each agricultural course. SAE participation can lead to fulltime employment, scholarships, and awards through the FFA.</p>
Years Offered: 11 th , 12 th	
Credits: 1	

COMPUTER APPLICATIONS I	
Prerequisites: None	<p>Computer Applications I is a skill-level course that includes the concepts and terminology related to people, equipment, and procedures for processing information in the business world. In this course student's goals will be: 1) introduce the student to several computer applications that will facilitate the students' success within high school and any post high school education or employment, 2) provide the student with the knowledge and skills necessary to work with a computer using Google Apps and 3) prepare the student for today's hi-tech work environment with the basic knowledge of application software and how to prepare and format documents. Successful completion of this course is required for graduation.</p>
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1/2	
Required to Graduate High School	

COMPUTER APPLICATIONS II	
Prerequisites: Computer Apps I	<p>Computer Applications II is designed as an advanced course in using the computer and the current, most popular application programs. This course is a follow-up course to Computer Applications I. This course is designed to introduce, develop, and build basic skills in keyboarding using the touch method. Learning keyboarding technique, and developing speed and accuracy are the major goals. This course will also introduce business documents that students will be exposed throughout their life. This course is offered as a Dual Credit Course through IVCC. A student who receives a grade of B, or above, will earn both high school and college credit at no additional cost to the student.</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	
Other: Offered as Dual Credit with IVCC if at least 16 when taken	

COMPUTER APPLICATIONS III	
Prerequisites: Computer Applications I	<p>Computer Applications III is designed as an advance course in using the computer and the current, most popular application programs. The course goals are to: 1) introduce the student to several computer applications that will facilitate the students' success within high school and any post high school education or employment, 2) provide the student with the knowledge and skills necessary to work with a computer using the Microsoft Application Suite, and 3) prepare the student for today's hi-tech work environment with the basic knowledge of application software and how to prepare and format documents. This course is offered as a Dual Credit Course through IVCC. A student who receives a grade of B, or above, will earn both high school and college credit at no additional cost to the student.</p>
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	
Other: Offered as Dual Credit with IVCC if at least 16 when taken	

CONSUMER EDUCATION	
Prerequisites: None	<p>. The primary purpose of this course is to promote individual financial management skills. Topics include getting a job, budgeting, balancing a checkbook credit, buying guidelines, insurance, savings and investing, and taxes. <i>This course meets the Consumer Education requirements for the State of Illinois.</i></p>
Years Offered: 11 th , 12 th	
Credits: 1/2	

INTRODUCTION TO BUSINESS	
Prerequisites: None	This is a basic business course designed to acquaint students with the activities associated with a business. Students will gather a basic understanding of general business, economics, entrepreneurship, business communications & technology, business ethics & social responsibility, marketing, business finance, career planning, production, management, and personal finance. Overall, this course gives students a broad exposure to business operations and a solid background for additional business courses.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1	

ACCOUNTING	
Prerequisites: C or better in Math I	Accounting is a skill level course that is of value to all students pursuing a strong background in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records, keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision-making. Accounting computer applications should be integrated throughout the course where applicable. This course stresses basic initial understanding of the preparation of budgets and financial reports. Also the operation of related business machines and career opportunities in the accounting field will be studied. Processing employee benefits may also be included. Practice sets with business papers may be used to emphasize actual business records management. Two business simulations are done throughout the year. These simulations are based on the material learned in the previous chapters and being able to incorporate the information into practical use.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

COOPERATIVE VOCATIONAL EDUCATION	
Prerequisites: None	Cooperative vocational education combines in-school instruction with sequential on-the-job experience, and through alternative periods of work and school, eases the transition from the academic climate of school to the reality of work. A number of other characteristics include specific job preparation, development of desirable work habits, economic participation in the community, trial testing one or more occupational choices, and development of a work history prior to actual entry into gainful employment as an adult. The first year in the program, students will take the class as well as the work experience segment for a total of 4 credits. A second year of Co-Op is encouraged, though optional. If the student signs up for Co-Op the second year, they will be involved in the work experience only and can earn up to additional 2 credits.
Years Offered: 11 th , 12 th	
Credits: 2 credits/3 credits	

ORIENTATION TO FAMILY AND CONSUMER SCIENCE	
Prerequisites: None	This course is the introductory course for all classes offered in the Family & Consumer Science department. Subject matter is presented in six areas: character and self-esteem, clothing construction, foods and nutrition, parenting and children, relationships, and housing. Learning experiences assist students in understanding themselves, home economics related careers and providing life skills for living on their own. The clothing project will require about \$25 in supplies and sewing equipment.
Years Offered: 9 th , 10 th	
Credits: 1	

FOOD AND NUTRITION	
Prerequisites: None	This is a laboratory class with emphasis on preparation of nutritious snacks and meals. Applied nutrition, reading and understanding a recipe, teamwork, and food preparation are the basic components of the class. The course promotes food service careers as well as applying scientific principles in the study of nutrition and food preparation. Units covered include: nutrition, measuring, reading a recipe, kitchen equipment, kitchen safety, food safety and sanitation, fruits, vegetables, and cookies.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

CULINARY ARTS	
Prerequisites: Passing grade in Foods I and II	Culinary Arts is a course designed to learn about the business of food. Topics covered include restaurant and food management, HACCP, careers in foods and hospitality, food preparation. Units covered in this course are food safety and sanitation, meal planning, herbs and spices, cakes and cake decorating, menus, breakfast foods, food buying, nutrition, desserts, sandwiches, appetizers, soups, stocks, and sauces. Students must pass the first semester to continue into the second.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1	

PARENTING	
Prerequisites: None	This course is designed to help students think through the roles, responsibilities, costs, and use of resources, satisfactions and stresses of parenthood. By participating in the simulated doll project, one can see if they are ready for the responsibilities of parenthood.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	

CHILD DEVELOPMENT	
Prerequisites: Parenting	This course explores the growth and development of children from conception through school age. Students will study the intellectual, physical, social, and emotional growth of children. This is the orientation course for all careers in all aspects of education and childcare.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	

PHYSICAL EDUCATION, HEALTH, & DRIVER EDUCATION

<u>Course</u>	<u>Credits</u>	<u>Years Offered</u>
Driver Education	1/2	9 th , 10 th
Health	1/2	9 th , 10 th , 11 th , 12 th
Physical Education	1/2	9 th , 10 th , 11 th , 12 th
Modified Physical Education	1/2	10 th , 11 th , 12 th
Fitness Physical Education	1/2	11 th , 12 th



DRIVER EDUCATION	
Prerequisites: None	In Driver Education attitudes and skills of safe driving are taught. The course consists of two parts: (A) 30 hours of required classroom instruction and (B) 6 hours of behind-the-wheel. If both parts are not successfully completed, a license cannot be obtained until the student is eighteen years of age.
Years Offered: 9 th , 10 th	
Credits: 1	

HEALTH EDUCATION	
Prerequisites: None	The purpose of this course is to make opportunities and situations available to the student that will enable him to make decisions that could lead to good physical, mental, emotional, social and spiritual health. This course meets the Health Education requirement.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1	

PHYSICAL EDUCATION	
Prerequisites: None	All students are required to take physical education unless they have a medical excuse. A student must pass four years of physical education in order to graduate. Physical education is calculated in a student's GPA. Students participate in the following activities: Fall: Frisbee Golf, Soccer, Flag Football, Softball, Volleyball Winter: Basketball, Badminton, Dance, Floor Hockey, Weight Lifting, Recreation Games, Soccer Spring: Softball, Track & Field, Ultimate Frisbee, Golf, Recreation Games
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 0.5	

MODIFIED PHYSICAL EDUCATION	
Prerequisites: None	The focus is on development of fundamental motor skills and patterns (catching, walking, running, throwing, etc..) as well as skills in individual and group games and sports. Modified PE will include fitness activities and mirror the other PE classes while also modifying and tailoring each activity to the needs of the students. ALL students will work together to improve their skills while helping each other improve theirs as well. Students will also be encouraged to volunteer during Special Olympic events that may fall on a weekend.
Years Offered: 10 th , 11 th , 12 th	
Credits: 0.5	
Other: Special Olympic volunteering is encouraged for this course	

FITNESS PHYSICAL EDUCATION	
Prerequisites: Teacher Recommendation	Students will participate in cardiovascular and weight training. Each student will keep a workout log that will detail the work done each day. Each student will be evaluated on workout performance and outcome measures (ex. distance covered on a timed run, number of crunches in a one min, etc.).
Years Offered: 11 th , 12 th	
Credits: 0.5	

FINE ARTS

<u>Course</u>	<u>Credits</u>	<u>Years Offered</u>
Foundations in Art	1	9 th , 10 th , 11 th , 12 th
Drawing and Painting	1/2	10 th , 11 th , 12 th
Advanced Drawing and Painting	1/2	10 th , 11 th , 12 th
Ceramics	1/2	10 th , 11 th , 12 th
Sculpture	1/2	10 th , 11 th , 12 th
Digital Photography	1/2	10 th , 11 th , 12 th
Graphic Design	1/2	10 th , 11 th , 12 th
Music and Society	1/2	9 th , 10 th , 11 th , 12 th
Music Production	1/2	9 th , 10 th , 11 th , 12 th
Music Production 2	1/2	9 th , 10 th , 11 th , 12 th
Garage Band	1/2	9 th , 10 th , 11 th , 12 th
Band	1	9 th , 10 th , 11 th , 12 th
Chorus	1	9 th , 10 th , 11 th , 12 th



FOUNDATIONS IN ART	
Prerequisites: None	This course is designed to provide students with a foundation of skills utilized in all areas of visual art, with an emphasis being placed on the Elements and Principles of Art and Design. This course will provide students with the opportunity to experience various methods of art making ranging in media found within 2D art and 3D art. The course is open to all students with a genuine interest in visual art. The course includes work in the following areas; basic drawing, design, painting, ceramics and sculpture. Students will be expected provide a sketchbook for weekly sketching assignments.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1	

DRAWING AND PAINTING	
Prerequisites: Minimum grade of C in Foundations in Art or instructor permission.	This course is a hands on studio experience that will consist of advanced instruction in 2-dimensional media. During the course, the student will be using pencil, ink, pastels, watercolors, tempera, and acrylic paints in the creation of original works of art. Students may be expected to buy materials/paints/canvases that will be needed and cannot be provided by the school.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	

ADVANCED DRAWING AND PAINTING	
Prerequisites: Completion of Drawing and Painting	This course is a hands on studio experience that will further building upon skills acquired during Drawing and Painting. Projects will be increasingly student driven in all aspects of the artistic choices. During the course, the student will continue to utilize a variety of 2 dimensional artistic media which include but are not limited to: pencil, ink, pastels, watercolors, tempera, and acrylic paints. Students may be expected to buy materials/paints/canvases that will be needed and cannot be provided by the school.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	

CERAMICS	
Prerequisites: Minimum grade of C in Foundations in Art or instructor permission.	This course is a hands on studio experience that will consist of instruction that is focused on the exploration of ceramic materials as an artistic medium. Course work will consist of both functional and sculptural ceramic works of art. Students must be motivated to explore their creative abilities in order to produce a series of original works of art. Students will explore a variety of hand-building techniques. Students may be expected to purchase supplies/materials that will be needed for this class.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	

SCLUPTURE	
Prerequisites: Minimum grade of C in Foundations in Art or instructor permission.	This course is a hands on studio experience that will consist of instruction that provides students the opportunity to explore a variety of materials as they relate to the 3-dimensional nature of visual art. Students will explore materials such as plaster, foam, papier-mâché, wire, Styrofoam, wax, metal, and wood. Planned activities will allow students to become knowledgeable of fundamental principles and methods and to develop technical skills related to the creation of 3-dimensional art forms. Students may be expected to purchase supplies/materials that will be needed for this class.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	

DIGITAL PHOTOGRAPHY	
Prerequisites: Minimum grade of C in Foundations in Art or instructor permission.	This course will provide students with the opportunity to explore photography as an artistic medium. Students must be motivated to work outside of class to take original photographs. Students will develop a portfolio of photographic images that range in subject matter and content. Students will develop their understanding of composition and the use of the rule of thirds. A major component of this course is the exploration of Adobe Photoshop to edit and strengthen photographs. Students must have access to a digital camera.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	

GRAPHIC DESIGN	
Prerequisites: Minimum grade of C in Foundations in Art or instructor permission.	This course is an introduction to the use of digital media to explore the elements, principles, and theories of design. Students will use various software programs to create a variety of design-based projects. Students will develop an understanding of layout and composition, color theory, lettering, logo design, letterhead, advertising promotion and product packaging.
Years Offered: 10 th , 11 th , 12 th	
Credits: 1/2	

MUSIC AND SOCIETY	
Prerequisites: None	This course is all about exploring how we, as individuals and communities, interact with the music we are listening to. The course will examine why we listen to music, what we use music for, and how music uses us. The course will use the following questions to guide our understanding of music and society: Why do we have the musical preferences that we do? Is there really such a thing as “good” music? How does music create communities? How does music create social change? How does music function in our daily lives? Students will be able appreciate and understand how music functions in our world, as an emotional outlet, entertainment, a tool to bring people together or sell a product.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1/2	

MUSIC PRODUCTION	
Prerequisites: None	This course will explore the technical aspects of music production and the use of Soundtrap to create music loops and tracks. The course will provide students the opportunity to be an active participant in sound production in school activities and become familiar with the systems that are used in our schools. Music production will be a hands on course that will equip students with the knowledge and understanding of sound equipment, sound production, and music production careers.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1/2	

MUSIC PRODUCTION 2	
Prerequisites: None	This is a second level music production class in which we will take the fundamentals learned in Music Production 1 and work at a higher level of mixing and making music. The course will also include the task of sound production during various school functions throughout the year, being assemblies, concerts, and sporting events. Students will also work on music mixing for the ILMEA composition contest that is held each year in the fall.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1/2	

GARAGE BAND	
Prerequisites: None	Rock band is a one-semester course designed for students who want to develop music-making skills and music literacy using primarily rock and pop music. It is an introductory level course, so no previous experience is needed. Some key curriculum elements are: Learn new musical instruments such as guitar, electric bass, drums, and keyboards; Explore an interest in singing with a group; Deepen understandings of the fundamental elements of music; Study the history and evolution of rock music; Explore live sound reinforcement techniques; Use popular and rock music as the springboard to group music making
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1/2	

BAND	
Prerequisites: None	This course is open to all students who have experience playing a wind or percussion instrument. Basic music theory and fundamentals will be stressed. Required components of the class are the Concert Band, Marching Band and Pep Band. Concert performances and IHSA Organizational Concert are required. Private lessons are provided throughout the school day as schedules permit for all participants. If you do not have playing experience, but would like to learn an instrument and join the band, special permission and private lessons must be approved by the director in advance.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1	

CHORUS	
Prerequisites: None	This course is open to all students interested in singing in a vocal ensemble. Basic music reading skills and fundamental music theory will be stressed. Concert performances and possible IHSA Organizational Contest are required. Private lessons are provided throughout the school day as schedules permit for all participants.
Years Offered: 9 th , 10 th , 11 th , 12 th	
Credits: 1	

SPECIAL EDUCATION

Special Education courses are offered for those students who have been identified and declared eligible for services through the Individualized Education Program (IEP) process. Special Education provides a continuum of services for students with a current IEP. Services and placements are determined at least yearly at a student’s Annual Review IEP Conference. Below are examples of services determined through the IEP process with decision based on eligibility and need. Courses within the department are treated as basic level courses for GPA calculations.

As a means of allowing students access to the general education curriculum, all required classes offered for students with IEPs are aligned to the general education curriculum. Teacher instruction and class content may vary in an effort to meet learning objectives as outlined by a student’s individual education plan.

Special Education Classes

English 1	Basic Math	U.S. History	Biology
English 2	Pre-Algebra	Consumer Education	General Science
English 3	Basic Algebra	Health	Physical Science
English 4	Consumer Math	Keyboarding	Resource Study Hall
Life Skills English	Life Skills Math	Civics	
STEP*	ITP	PAES*	

CO-TAUGHT CLASSES

<p>Co-taught classes offer students in special education a means of focused support on their deficit areas in the general education setting through a collaborative partnership between a general education teacher and a special education teacher.</p>
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SELF-CONTAINED CLASSES

<p>Self-contained classes offer students in special education with more significant needs instruction in the basic academic areas. These classes are taught by special education teachers and are aligned to the general education curriculum and standards. Content and outcomes may be modified if determined appropriate through the IEP process.</p>
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INDEPENDENT TRANSITION PROGRAM (ITP)

ITP classes offer students in special education with the most significant needs instruction in functional academic areas. These classes are taught by special education teachers and are aligned to the Common Core Essential Elements. Functional as well as vocationally oriented skills are taught across the curriculum. Content and outcomes may be modified if determined appropriate through the IEP process.

SECONDARY TRANSITIONAL EXPERIENCE PROGRAM (STEP)

Secondary Transitional Experience Program (STEP) is an evaluation, training, and employment program that prepares students with disabilities for transition to employment and optimum community participation during and after high school. In order to be a participant in STEP to its fullest opportunities, the student is recommended to become a customer of DHS. The mission of the Illinois Department of Human Services, Division of Rehabilitation Services, is to assist individuals with disabilities in achieving their goals of employment, education, and independent living.

This course gives students insight into careers and the task of gaining employment. The students will learn to identify their interests, abilities, and values. They will learn skills needed to seek, acquire, and retain employment that fits their qualifications and interests. Students will learn the importance of a good education, prepare for the demands of post-secondary life, and develop skills to be self-advocates. STEP-Transition combines in-school instruction with sequential on-the-job experience, and through alternative periods of work and school, eases the transition from the academic climate of school to the reality of work. This course is available to special education students to assist in meeting the goals and objectives of the individual education plan (IEP). Employer evaluations are a component of this class.

PRACTICAL ASSESSMENT EXPLORATION SYSTEM (PAES)

The PAES program is a functional skills curriculum in a simulated work environment within the classroom. The students will be able to explore 260+ different job tasks within the whole program. They will be given an opportunity to explore interests and abilities with “hands-on” skills/jobs. This information is helpful with the transition component of IEP’s and post-secondary goals that are age appropriate and within a student’s interests, strengths, and abilities. The assessments the students complete have helped educators and their future employers know what the students can actually do and how well they can perform those specific tasks.

This program emphasizes four basic areas: Aptitude for community based employment; Functional skills; Interests; and Work behavior strengths and barriers to success. Currently our students have been working within the building helping other teachers, helping in the Media Center, and helping in the Main Office. Our goal is to get the students into the community workforce on a daily or weekly basis.