

High School Course Catalog
2010-2011 Course Offerings

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Course: Communications and Writing

Category: English Language and Literature

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 9220

Grade Level: 9

College Credit?: No

Course Length: Annual

Description: Communications and Writing is a co-taught class and is a two-semester, one credit course that is designed for students experiencing limited success in general level English classes. This course emphasizes writing including spelling, punctuation, capitalization, and structure. It also covers short stories (fiction and nonfiction) stressing strategies necessary for reading for understanding and fluency. Students will also learn how literary elements and techniques are used to convey meaning as they read. Library skills will teach students to locate credible research from various sources. Effective

communication will be used in all areas of study. In this multi-level class, concepts will be covered through small group work, lecture, and independent study. Student performance will be assessed through testing, homework assignments, and writings both in the classroom and out of the classroom. Four years of English credit is required for all students

Prerequisites: Eighth grade teacher recommendation and standardized test scores

Notes: Various projects may require additional resources. Internet forms are required for this class.

Course: English I

Category: English Language and Literature

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 9216

Grade Level: 9-10

College Credit?: No

Course Length: Annual

Description: English I is a two-semester, one credit course that emphasizes writing including spelling, punctuation, capitalization, and structure. It also covers short stories (fiction and nonfiction) and novels stressing reading for understanding and fluency. Students will understand how literary elements and techniques are used to convey meaning as they read. Library skills will teach students to locate credible research from various sources. Effective communication will be used in all areas of study. In this class,

concepts will be covered through a variety of methods including small group work, independent study, lecture, and research. Student performance will be assessed through testing, homework assignments, and writings both in the classroom and out of the classroom. Four years of English credit is required for all students.

Prerequisites: Eighth grade teacher recommendation and standardized test scores

Notes: Various projects may require additional resources. Internet forms are required for this class.

Course: English 2

Category: English Language and Literature

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9217

Grade Level: 10-11

College Credit?: No

Course Length: Annual

Description: Students will comprehend and understand a wide variety of reading materials and genres. Students investigate plot, characterization, setting, point of view, theme, tone, irony and symbolism through the short story unit. Students further develop their skills through writing their own short story based on an interview with an elementary school child and the study of the assigned novel Great Expectations. In addition, during the study of short stories and poetry, students learn the proper

identification of figurative language and literary elements. Literary devices such as alliteration, assonance, hyperbole, metaphor, personification, and simile are taught through the study of poetry. Rhyme patterns and rhyme schemes are identified to clarify the impact sound has on both oral and written language. The study of nonfiction involves reading biographies, letters, diaries and essays. This enables students to identify the four basic genres of writing: descriptive, expository, persuasive, and narrative. The drama unit focuses on set and stage direction through Shakespeare's play Julius Caesar. This play is read and discussed to explore how character development evolves in drama. In addition, students will learn proper speaking techniques through a comprehensive speech unit and through the oral presentation of projects. Correct grammar, spelling, punctuation, capitalization, and structure are expected in all written work. In addition, all writing should be well-organized and detailed. Through the vocabulary lessons, students analyze word origins and use analogies to compare the relationships of those words. Library resources and the internet will be used for book projects and non-fiction reports. English II is a required course for graduation from Warrensburg-Latham High School.

Prerequisites: English I or recommendation from their freshmen level English teacher.

Notes: Required assignments include book reports and the second grade book project. Minimal additional costs may be incurred for special projects. An internet user agreement form is required for this course. Extra credit is available to the students in the form of the agenda book and at the teacher's discretion. This course is a graduation requirement for all students at Warrensburg-Latham High School

Course: English 3

Category: English Language and Literature

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9218

Grade Level: 11, 12

College Credit?: No

Course Length: Annual

Description: This is a required course designed to teach reading, writing composition, and grammar through the study of American literature. English III is an overview of American literature across several time periods and authors from early Native American heritage to the present. The literature includes short stories, condensed versions of full works, and novels which supply an understanding of the literature of America and its role throughout the history of the country. Students will identify and analyze terminology and apply it to their writing as well as analyze meanings of abstract concepts and effects of word and

phrase choices. They will relate their reading to prior knowledge and experience, analyze characteristics and structures of complex literary genres and describe how genre affects the meaning and function of the text. In addition, students will evaluate a variety of compositions for purpose, structure, content and details. Upon completion of readings, students will analyze and defend interpretation of literature, summarize and make generalizations from content and relate them to the purpose of the material. Students will produce grammatically correct documents using standard manuscript form for a variety of purposes and audiences. Writings will exhibit clarity of focus, logic of organization, appropriate elaboration and support and overall coherence. Styles of writing will include narrative, informative, and persuasive written with clarity and effectiveness in a variety of written forms using appropriate traditional and/or electronic formats while adapting content, vocabulary, voice and tone to the audience, purpose and situation.

Prerequisites: Students must pass English II

Notes: Students must complete, with a passing grade, the research paper to pass the class. This class is a graduation requirement for juniors and seniors who began the English program through the communications class. Public library cards will be necessary for the completion of the class. Time outside the classroom for research will be a necessity to successfully complete the research paper. Students must have an Internet agreement on file.

Course: English 4

Course Number: 9219

Category: English Language and Literature

Grade Level: 12

Credits Earned: 1

College Credit: No

Courses Level(for wt. grades):

Course Length: Annual

Course is : Active

Description: This course is a survey of English literature from the Anglo-Saxon period through the present. Students will gain an understanding of the literature of England and the important role these works played in the history of humanity. The course emphasizes literary comprehension and analysis, as well as critical thinking, and research and writing. Students will read epic poems and legends, contemporary poetry, short stories, novels, and one of Shakespeare's plays. Student performance will be assessed through exams, written assignments, group work, and a formal research paper. This class is challenging and designed for the college bound/capable student. This is a graduation requirement for

students who did not begin with Communications as a means through English.

Prerequisites: Prerequisites: Completion and passing of three years of English, including English I, II, and III or concurrent enrollment in English III.

Notes: Notes: Students must complete with a passing grade the research paper. This class is a graduation requirement for seniors who did not begin the English program through the Communications classes. Public library cards will be necessary for the successful completion of this class. Time outside of the classroom for research will also be a necessity to successfully complete the research paper. Internet user forms are required for students in this class.

Course: Composition 1

Category: Language Arts

Credits Earned: 3 hours (RCC); ½ W-L

Courses Level(for wt. grades): dual credit

Course is : Active

Description: English 101, Composition 1 is a basic course in college writing. Students write and revise essays, using a variety of rhetorical methods. Through extensive writing and careful reading, students cultivate their ability to think critically and improve their ability to compose acceptable and effective academic papers. Special attention will be paid to persuasive writing.

Prerequisites: "C" or better in English 090 and/or score of 40th percentile or above on ACT English and Reading or SAT; satisfactory scores on Richland's English and Reading Comprehension placement tests; or evidence of equivalent competencies.

Notes: This is a dual credit course, allowing both college credit and elective credit toward high school graduation.

Course Number: English 101

Grade Level: 12

College Credit?: Yes

Course Length: Semester

Course: Composition 2

Category: Language Arts

Credits Earned: 3 hours (RCC); ½ W-L

Courses Level(for wt. grades): dual credit

Course is : Active

Description: English 102, Composition 2 is the conclusion of the first-year, college-level writing program. The course continues the study and practice of composition begun in English 101 with a major focus on source-based arguments. Students learn to recognize various levels of formality and to develop a style of writing appropriate for a formal research paper. All elements of research are taught: choosing a topic, focusing on thesis, locating and evaluating varied sources, organizing materials, writing and documenting the text, and revising.

Prerequisites: English 010 with a "C" or better.

Notes: This is a dual credit course, allowing both college credit and elective credit toward high school graduation.

Course Number: English 102

Grade Level: 12

College Credit?: Yes

Course Length: Semester

Course: Novels

Category: English Language and Literature

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9222

Grade Level: 11,12

College Credit?: No

Course Length: Annual

Description: The novels course is designed to enhance literary skills and further an appreciation for fictional works. Novels from various cultures are read and discussed, representing different fictional genres and ranging from classic to contemporary literature.

Prerequisites: None

Course: Publications

Category: Applied Technology - other than computers

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9225

Grade Level: 11-12

College Credit?: No

Course Length: Annual

Description: This class is designed to produce the school yearbook. First semester students learn journalism terms, layout and design techniques, photography skills, copy writing and editing, computer design and editing, and business skills for selling ads and fundraising-including but not limited to solicitation or sales-along with beginning production on the book. The second semester is devoted to completing the yearbook with some fundraising. Students are required to attend numerous extracurricular activities as part of fundraising projects. Field trips may be offered which would include additional costs to the students. Extra time outside of class to complete deadlines is required.

Prerequisites: Application with recommendations required

Notes: This class is an elective which can be taken up to three times for credit

Course: Algebra 1

Category: Math

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9316

Grade Level: 9-10

College Credit?: No

Course Length: Annual

Description: This course will cover the language of algebra; including addition, subtraction, multiplication, and division of real numbers and polynomials; the solving of linear equations & inequalities; and other topics that will strengthen the skills of the student for Algebra and Geometry. Vocabulary terms and properties will be emphasized. This is a 1-year course worth $\frac{1}{2}$ credit per semester satisfying a mathematics requirement for graduation. The course is practice driven with daily homework. The goal is proficiency in the following units of study: The Language of Algebra; Solving Linear Equations, Graphing Linear Equations & Functions, Writing Linear Equations, Solving & Graphing Linear Inequalities, Systems of Linear Equations & Inequalities, Exponents & Exponential Functions; Graphs and Data Analysis; Introduction to Geometry; Number Theory and Fraction Concepts; Rational Numbers; Ratios, Proportions, and Percent; Probability; Surface Area and Volume; Polynomials. State goals and benchmarks are addressed in the curriculum map. Grades will be determined by regular quizzes, tests (in various formats), daily work, notes, homework as required by individual teachers. This course is intended for students who plan on entering a vocational setting, the military, or the work field upon graduation.

Prerequisites: Recommendation based on test scores and grades (A's, B's, or C's in 8th Grade Math)

Notes: Class material requirements: Scientific calculator, pencil, and notebook/folder. The individual teacher may require other materials/supplies. COMPLETION OF HOMEWORK WITH WORK SHOWN IS NECESSARY TO PASS THE CLASS.

Course: Alegbra 2

Category: Math

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9315

Grade Level: 9-12

College Credit?: No

Course Length: Annual

Description: This course will review the skills from Algebra 1. Other topics include: solving equations with two or more variables; addition, subtraction, multiplication, and division of polynomials, complex numbers, and rational expressions; quadratic equations and solutions; powers, roots, and radicals; irrational and quadratic relations; and systems of equations. Vocabulary terms and properties will be emphasized. This is a 1 year course worth $\frac{1}{2}$ credit per semester satisfying a mathematics requirement for graduation. The course is practice driven with daily homework. The goal is proficiency in the following units of study: Equations & Inequalities, Linear Equations & Functions, Systems of Linear Equations & Inequalities, Matrices & Determinants, Quadratic Functions, Polynomials & Polynomial Functions, Powers, Roots, & Radicals, Exponential & Logarithmic Functions, Rational Equations & Functions, Quadratic Relations & Conic Sections. State goals and benchmarks are addressed in the curriculum map. Grades will be determined by regular quizzes, tests(in various formats), daily work, notes, homework as required by individual teachers. This course is a step in the college preparatory sequence.

Prerequisites: Completion of Algebra 1, Geometry 1 or Geometry 2 with a "C" average

Notes: Class requirements: Scientific calculator with at least a 2-line display Pencils or mechanical pencils are required Other materials/supplies may be required by the individual teacher COMPLETION OF HOMEWORK WITH WORK SHOWN IS NECESSARY TO PASS THE CLASS.

Course: Geometry

Category: Math

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9309

Grade Level: 10-12

College Credit?: No

Course Length: Annual

Description: This course will emphasize reasoning and logical thinking; balances coordinate synthetic and transformational geometry; connect geometry to algebra, data analysis, probability, trigonometry, and discrete mathematics, and incorporate two-column, paragraph, flow, and coordinate proof. Vocabulary terms and properties will be emphasized. This is a 1 year course worth $\frac{1}{2}$ credit per semester satisfying a mathematics requirement for graduation. The course is practice driven with daily homework. The goal is proficiency in the following units of study: Patterns, Lines, and Planes.; Triangles and Polygons; Reasoning in Geometry; Coordinates in Geometry; Parallel Lines; Conjectures About Triangles; Quadrilaterals, Areas, and Volumes; Using Transformations; Similar Polygons; Applying Right Triangles; Circles and Spheres; Coordinates for Transformations. State goals and benchmarks are addressed in the curriculum map. Grades will be determined by regular quizzes, tests(in various formats), daily work, notes, homework as required by individual teachers. This course is intended for student planning to attend a vocational setting, the military, or the work field upon graduation

Prerequisites: Completion of Algebra 2

Notes: Class requirements: Scientific calculator with at least a 2-line display, pencils, and notebooks are required Other materials/supplies may be required by the individual teacher **COMPLETION OF HOMEWORK WITH WORK SHOWN IS REQUIRED TO BE SUCCESSFUL IN THIS CLASS**

Course: Trigonometry

Course Number: 9308

Category: Math

Grade Level: 11,12

Credits Earned:

College Credit?: No

Courses Level(for wt. grades):

Course Length: Annual

Course is : Active

Description: This course will review the topics of Algebra II and Geometry and take them to the next level. It will cover functions, trigonometric functions, graphing techniques, complex numbers, logarithms and exponential functions and, second degree general equations, and systems. Vocabulary terms and properties will be emphasized. This is a 1 year course worth $\frac{1}{2}$ credit per semester satisfying a mathematics requirement for graduation. The course is practice driven with daily homework. The goal is proficiency in the following units of study: Review of Algebra II and Geometry materials covered in prior years, Equations and Inequalities Functions and Their Graphs, Polynomial Functions Rational Functions, Exponential and Logarithmic Functions, Trigonometry, Analytic Trigonometry, Additional Topics in Trigonometry, Systems of Equations and Inequalities (Tentative) State goals and benchmarks are addressed in the curriculum map. Grades will be determined by regular quizzes, tests(in various formats), daily work, notes, homework as required by individual teachers. This course is a step in the college preparatory sequence.

Prerequisites: Completion of geometry

Notes: Class requirements: Graphing calculator, pencils, and notebooks are required Other materials/supplies may be required by the individual teacher **COMPLETION OF HOMEWORK WITH WORK SHOWN IS REQUIRED TO BE SUCCESSFUL IN THIS CLASS**

Course: Calculus

Course Number: 20071

Category: Math

Grade Level: 12

Credits Earned: 1

College Credit?: No

Courses Level(for wt. grades):

Course Length: Annual

Course is : Active

Description: This course will emphasize understanding curves and analyzing groups of numbers. It will cover basic ideas of curves: domain, range, slope, and graphing lines. Also, functions and working with groups of numbers will be addressed: zeros, rational, composite, and inverse functions, sequences and series, and probability. In addition, trigonometry will be discussed. Further, basic ideas of working with curves will be discussed: limits, tangent and secant lines, differentiation, and integration. Touching a wide variety of topics for college preparation will be emphasized. This is a 1-year course worth $\frac{1}{2}$ credit per semester that counts towards graduation. The goal is proficiency in the following units of study: Review Concepts (Lines, Functions, and Trigonometry); Limits (Limit Rules, Continuity, Asymptotes); Series and Sequences (Finding Terms/Sums of Series, Geometric and Arithmetic Means); Probability (Simple Probability, Independent and Dependent Events, Mutually Inclusive and Exclusive Events, Conditional Probability); Statistics (Frequency, Central Tendency, Variance, Distributions); Differentiation (Tangent Lines, Limit Definition of a Derivative, Derivative Rules, Applications); Integration (Antiderivatives, Area, Definite Integrals, Applications). State goals and benchmarks are addressed in the curriculum map. Grades will be determined by regular quizzes, tests (in various formats), daily work, and notes as required by the individual teacher.

Prerequisites: Completion of Trigonometry

Notes: Class requirements: Graphing calculator, pencils, and notebooks are required Other materials/supplies may be required by the individual teacher COMPLETION OF HOMEWORK WITH WORK SHOWN IS REQUIRED TO BE SUCCESSFUL IN THIS CLASS

Course: Anatomy and Physiology

Category: Science

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9605

Grade Level: 10-12

College Credit?: No

Course Length: Annual

Description: Anatomy and physiology is a one semester course worth a full credit, satisfying a science component for graduation. This course is lecture- driven with laboratory work required. The course will expose students to the structure and function of the human body. Students will be able to identify, list, recognize and describe systems of the human body including the skeletal, muscular, nervous, digestive, respiratory, circulatory, metabolic, endocrine and reproductive systems. Students will demonstrate knowledge of the systems of the body with tests, dissections, and papers. A research project and presentation will also be required. This is a course for college bound students.

Prerequisites: Biology with a C or better average.

Notes: Research project will require access to the internet and a signed internet user agreement.

Course: Biology

Category: Science

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9608

Grade Level: 9-11

College Credit?: No

Course Length: Annual

Description: Biology 1 is a one semester course worth a full credit, satisfying a science component for graduation. This course is lecture-driven with laboratory work required. This course is designed to expose students to the working of living organisms and to their interactions with the environment. Students will formulate hypotheses, design experiments, collect data, apply statistical methods to test results, and report findings. Students will describe and explain the structure of cells, affect of genes on organisms, and the change over time of organisms. Students will compare the factors that influence how organisms interact with their environment. Students will explain how the natural history of the Earth and its influence on organisms. Students will demonstrate knowledge of the systems of the body with tests, labs, reports, and papers. A research project and presentation will also be required. This is a sophomore level class designed for college preparatory work.

Prerequisites: Physical Science or Concurrent Enrollment

Notes: Research project will require access to the internet and a signed internet user agreement.

Course: Chemistry

Category: Science

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9611

Grade Level: 10-12

College Credit?: No

Course Length: Annual

Description: Introductory chemistry course that covers Periodic Law, Stoichiometry, Matter, Solutions, Families, and Nuclear Chemistry. Skills developed in this class include: Formulating hypotheses referencing prior research and knowledge, designing procedures to test selected hypotheses, conducting experiments to test selected hypotheses, apply statistical methods to make predictions and test accuracy of hypotheses, analyze reactions in natural and man-made energy systems and the properties of materials in relations to their physical and chemical structures. This class is intended to provide a good foundation for, and is recommended to all college prep students. Regular lab work will be emphasized and will allow students to identify procedures/policies to reduce risk in scientific activities.

Prerequisites: Algebra II or concurrent enrollment or instructor consent.

Notes: An Internet user agreement is required

Course: Chemistry 2

Category: Science

Credits Earned: 1/2

Courses Level(for wt. grades):

Course is : Active

Course Number: 9612

Grade Level: 11,12

College Credit?: Yes

Course Length: Semester

Description: Eleventh and Twelfth Grades Chemistry II Elective Course (1 semester) Pre Requisite: Chemistry I Course Description: This course is designed to reinforce Chemistry I and explore additional topics that were not covered. Students who are planning a career in science are encouraged to take this course. Extensive lab work using current technology will be used. Unit 1 Review: the beginning weeks of the semester will be spent reviewing topics that the students have shown to be lacking as determined by a pre test given. Lab procedures and techniques will be reviewed. Unit 2 Chemical Equilibrium: Systems will be explored and the factors that affect their equilibrium will be discussed. Unit 3 Organic Chemistry: Work in this unit will focus on naming and drawing organic structural formulas. Unit 4 Nuclear Chemistry: As time allows, nuclear energy and its ramifications for modern society will be discussed. Field studies: possible Textbook: Chemistry: Visualizing Matter Holt, 2000 Myers, Oldham and Tocci

Prerequisites: Pre Requisite: Chemistry I

Course: Explorations in Physics and Chemistry

Course Number: 9614

Category: Science

Grade Level: 9

Credits Earned: 1

College Credit?: No

Courses Level(for wt. grades):

Course Length: Annual

Course is : Active

Description: This is a survey course of physics (first semester) and chemistry (second semester) for first year students. First semester, students should be able to apply critical thinking skills to collect and identify information in specific circumstances and analyze data accurately and precisely. Other skills developed include applying statistical methods to reach and support conclusions and predicting motions in inertial and accelerated frames of reference. Topics using these skills first semester include motion, forces, energy, electricity and magnetism, and theories for observed changes in the universe. Second semester, students should be able to explain energy and matter transformations using kinetic theory and/or general chemistry principles. Identifying and analyzing chemical processes and atomic structure and organizing data graphically are key topics. Class will be taught with a lecture-discussion format. While emphasis will be toward critical thinking applications, some engineering design projects and labs will be included.

Prerequisites: None

Notes: This class, while similar in content to 8th grade physical science, is more quantitative than qualitative, in nature. In addition, an Internet use agreement is required. This course is required for graduation.

Course: Animal Science

Category: Science

Credits Earned: 1/2

Courses Level(for wt. grades):

Course is : Active

Course Number: 9607

Grade Level: 10-12

College Credit?: No

Course Length: Semester

Description: : Animal science is an elective course offered opposite Environmental Science (semester course). During this class the taxonomy of the Animal Kingdom is covered in great detail. In addition to scientific names, a thorough investigation of invertebrate and vertebrate organisms will be conducted. Students will have the opportunity to learn the distinguishing physical characteristics of all animals. Comparative anatomy and comprehension of anatomical adaptations are paramount to this course. Topics (units) covered in Animal Science include: Taxonomic Principle and Evolutionary Thought, Simple Invertebrates, Complex Invertebrates, Aquatic Vertebrates, and Terrestrial Vertebrates. Currently, there are no lab activities offered in this course.

Prerequisites: Successful completion of Biology I (or concurrent enrollment).

Notes: An internet user agreement form must be completed in order to complete the technology-based assignments.

Course: Environmental Science

Category: Science

Credits Earned: 1/2

Courses Level(for wt. grades):

Course is : Active

Course Number: 9613

Grade Level: 10-12

College Credit?: No

Course Length: Semester

Description: Environmental Science is an elective course offered opposite Animal Science (semester course). Throughout the class a broad range of biological topics will be covered. The foundation of the course is rooted firmly in Ecological studies. Environmental theories will headline the coursework and lead into an in-depth study of the Earth's ecosystems/biomes. Geology, geography and several branches of biology come into play during this class. Students will become familiar with the interactions between biotic and abiotic factors within an ecosystem. Other topics, such as climate change, resource management and conservation will be discussed at length. Communication and decision making skills are reinforced throughout the coursework (a weekly journal is required of all students).

Prerequisites: Successful completion of Biology I (or concurrent enrollment).

Notes: An internet user agreement form must be completed in order to complete the technology-based assignments.

Course: Forensic Science

Category: Science

Credits Earned: 1/2

Courses Level(for wt. grades):

Course is : Active

Course Number: 2010

Grade Level: 11-12

College Credit?: Yes

Course Length: Semester

Description: Forensic science is an introductory, multi-disciplinary study that includes chemistry, zoology, anatomy, genetics, physics, medicine, mathematics, sociology, psychology, communications, and law. It will primarily focus on practicing forensic science and analyze physical evidence found at the crime scene. The fundamental objective is to teach the basic processes and principles of scientific thinking so as to apply them to solving problems that are related not only to science but to all disciplines. topics studied will include the history of forensic science, law, types of evidence, crime scenes, fingerprinting, hair, fibers, drugs, toxicology, blood, DNA, human remains, glass, document analysis, and ballistics.

Prerequisites: Successful completion of chemistry 1, biology, and algebra 2.

Notes: Forensic Science- Barbara Deslich and John Funkhouse Kendall/Hunt publishing company 2006 (used as resource only)

Course: Physics

Category: Science

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 9615

Grade Level: 11,12

College Credit?: No

Course Length: Annual

Description: This is an upper level science course intended for college-bound students. Topics discussed include: Dimensionality, Kinematics, Newtonian Physics, Electricity and Magnetism, and Relativity. Students will analyze factors that influence the relative motion of an object and the effects of gravitational, electromagnetic and nuclear forces on a physical system. Students will also learn to explain criteria that scientists use to evaluate the validity of scientific claims and theories and why experimental replication and peer review are essential to scientific claims. In addition, students will identify a design problem that has practical applications. Students will select criteria for a successful design solution, build and test a model to simulate a solution, apply criteria to evaluate consequences for the tested solution, and recommend modifications. The class will be taught in a lecture and discussion format. Supplementary labs and design projects will be included.

Prerequisites: Algebra II with a C or better (or instructor consent)

Notes:

Course: Greenhouse Operations

Category: Science

Credits Earned: 3 hours (RCC); ½ W-L

Courses Level(for wt. grades): dual credit

Course is : Active

Description: Greenhouse Operations 2-2-3 includes a study of greenhouse construction and operation. Special emphasis is given to temperature, light, soils, gases, nutrition, and the growth of bedding plants.

Notes: This is a dual credit course, allowing both college credit and elective credit toward high school graduation.

Course Number: HORT 230

Grade Level: 11-12

College Credit?: Yes

Course Length: Semester

Course: Greenhouse Operations 2

Category: Science

Credits Earned: 3 hours (RCC); ½ W-L

Courses Level(for wt. grades): dual credit

Course is : Active

Description: Greenhouse Operations 2 is a continuation of Greenhouse Operations. It includes a study of greenhouse construction and operation. Special emphasis is given to temperature, light, soils, gases, nutrition, and the growth of bedding plants.

Notes: This is a dual credit course, allowing both college credit and elective credit toward high school graduation.

Course Number: HORT 231

Grade Level: 11-12

College Credit?: Yes

Course Length: Semester

Course: Current Events

Category: Social Studies/History

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 9718

Grade Level: 11-12

College Credit?: No

Course Length: Annual

Description: This class will be based on the research and analysis of "current events". The students will be required to complete oral and written reports over topics they have read or class discussions. We will also spend time focusing on the role and impact of electronic and print media.

Prerequisites: None

Notes:

Course: American Government

Category: Social Studies/History

Credits Earned: 1/2

Courses Level(for wt. grades):

Course is : Active

Course Number: 9720

Grade Level: 12

College Credit?: No

Course Length: Semester

Description: American Government will begin with an analysis of the origins of our form of constitutional government. We will study the events leading up to the adoption of our Constitution. We will study the structure, processes, and issues that relate to national, state, and local levels of government. Emphasis will be placed on studying the United States and Illinois Constitutions. This course is a one-semester course, worth a half credit. The course is a requirement for graduation. The course is available to students in grade 12. The course is a combination of lecture, class discussion, and group work. Students will be graded based on in-class work, take-home work, and group work. There will also be unit tests and projects required. There will be many resources used including: video, outside news articles and selected websites. This course will specifically address the Illinois State Standards and benchmarks and it will meet the state requirements for the U.S. Constitution, Illinois Constitution, and the U.S. Flag.

Prerequisites: None

Notes: Internet agreement form is required. Extra Credit is available for students.

Course: US History

Category: Social Studies/History

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9714

Grade Level: 11, 12

College Credit?: No

Course Length: Annual

Description: U.S. History will be taken by all juniors and is a two semester, one credit course satisfying a social science requirement. This course is lecture driven, however, small/large groupwork and independent research will be required. In addition to regular classwork all students will be required to pass the U.S. Constitution exam. Students will busy themselves by analyzing and evaluating different movements/eras of U.S. History that will address Illinois State Standards and benchmarks, often times with cross curricular ties.

Prerequisites: none

Notes: Extra credit will be given Internet agreements

Course: US History Topics

Category: Social Studies/History

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 9713

Grade Level: 12

College Credit?: No

Course Length: Annual

Description: Topics in U.S. History can be taken by all juniors and seniors and is a two semester, one credit course satisfying a social science requirement. This course is lecture driven, however, small/large groupwork and independent research will be required. Students in topics will be studying a wide range of eras often not covered in a regular U.S. History class. Historical interpretation and the debate of significant events are also key areas that will help address Illinois State Standards in Social Science, often times with cross curricular ties.

Prerequisites: None

Notes: Extra credit will be given Internet agreements Small costs for projects may be incurred

Course: World History

Category: Social Studies/History

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Description: This class will cover Ancient History including all regions of the Middle East, Europe, and Asia. The remaining areas of study will include the Middle Ages, European History to the beginning of Modern Time, and the French Revolution.

Prerequisites: None

Course Number: 9711

Grade Level: 9-10

College Credit?: No

Course Length: Annual

Course: World Geography

Category: Social Studies/History

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 9712

Grade Level: 9, 10

College Credit?: No

Course Length: Annual

Description: World Geography is the study of the earth, by looking at both the physical and cultural characteristics of a country. The course will also cover basic economic and governmental systems. The course is a two semester course, worth one credit. The course is required to graduate and fulfills a Social Studies component. The course is a combination of lecture, projects, group work, and quizzes with an emphasis on teaching students the effects of world geography on society. The course also emphasizes the role of the United States in world geography. Students will be able to locate on a map countries and important physical features. Students will be able to relate the physical features of the country with their social implications to that country and the world. This course will specifically address the Illinois State Standards and benchmarks, often with cross-curricular ties.

Prerequisites: successful completion of the 8th grade

Notes: Ø Internet agreement form on file Ø Required supplies- colored pencils, three ring binder, dividers for three ring binder. Ø Extra Credit is given, but not to individual students, will be given to the class as a whole.

Course: Psychology

Course Number: 2010

Category: Social Science

Grade Level: 11-12

Credit:

College Credit: No

Psychology is a one-year course worth one credit, and offered to students in grades 10 – 12. Psychology is the scientific study of human behavior and mental processes. Students will critically and creatively investigate how and why human behavior occurs as it does. Lecture, student activities, observations, discussions, readings, and written assignments will be used for this study. The course will cover psychological history, brain structure, human development, behavior, sensation and perception, learning, memory, states of consciousness, personality, and psychological disorders.

Course: Introduction to Psychology	Course Number: PSYCH 110
Category: Social Science	Grade Level: 11-12
Credits Earned: 3 hours (RCC); ½ W-L	College Credit?: Yes
Courses Level(for wt. grades): dual credit	Course Length: Semester
Course is : Active	

Description: Introduction to Psychology examines major psychological approaches to the study of human behavior and mental processes. It includes topics on the biological bases of behavior, learning, motivation, personality, stress, mental illness, memory, and perception.

Prerequisites: Eligibility for English 191.

Notes: This is a dual credit course, allowing both college credit and elective credit toward high school graduation.

Course: Introduction to Sociology

Category: Social Science

Credits Earned: 3 hours (RCC); ½ W-L

Courses Level(for wt. grades): dual credit

Course is : Active

Description: Introduction to Sociology provides a basic introduction to the discipline of sociology. The course explores the basic perspectives and methods of sociological inquiry, the relationships between humans, their society, and their culture, and the concept of social organizations.

Prerequisites: Eligibility for English 101.

Notes: This is a dual credit course, allowing both college credit and elective credit toward high school graduation.

Course Number: SOCIO 110

Grade Level: 11-12

College Credit?: Yes

Course Length: Semester

Course: Physical Education

Course Number: 9910

Category: Physical Education-Health

Grade Level: 9-12

Credits Earned: 1

College Credit?: No

Courses Level(for wt. grades):

Course Length: Annual

Course is : Active

Description: Physical Education is a yearlong course, which is worth one credit per year. You must have four credits in Physical Education to graduate. The course is based on participation and performance and is designed to expose students to both team and individual sports, and a variety of lifetime and leisure activities. Students will develop leadership, sportsmanship, and teamwork as well as a positive self-concept. Through a variety of exercises and weekly graded running, students will enhance their strength and flexibility as well as cardio-vascular fitness. Some units of study may include written tests on rules, proper play, safety guidelines, and terminology. Also included in each unit is an evaluation of each student's effort and ability to participate using fundamentally correct techniques with a reasonable amount of enthusiasm. Additionally, skill tests will be given at the end of some units.

Prerequisites: None

Notes: A field trip to Spare Time Lanes Bowling Alley, Skateland of Decatur, Decatur Civic Center ice rink, or an area golf course may be included. Each student will be required to pay a fee for transportation and admission. Students may earn extra credit by improving their running times each week. Students are required to wear appropriate t-shirts, shorts, and tennis shoes daily with sweat pants and sweat shirts being optional. The school provides locks and lockers and all students are responsible to lock up valuables and personal property.

Course: Health

Category: Physical Education-Health

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9907

Grade Level: 9-12

College Credit?: No

Course Length: Semester

Description: : Health is a semester long course covering the topics of mental, social and physical health. This course is designed to help students understand their health as determined by a combination of factors that are largely under their own control. Through this awareness of the effects of lifestyle choices on health, students will be better prepared to make their own choices for the betterment of their own health and quality of life.

Prerequisites: None

Notes: THIS IS AN ILLINOIS STATE REQUIREMENT FOR GRADUATION

Category: Driver Education

Grade Level: 9-10

Credits Earned:

College Credit?: No

Courses Level(for wt. grades):

Course Length: Quarter

Course is : Active

Description: THIS IS A NINE WEEK COURSE DESIGNED TO ACQUAINT OUR STUDENTS WITH THE LAWS GOVERNING OUR ILLINOIS ROADWAYS, SAFE DRIVING TACTICS, STRATEGIES FOR COPING IN HAZARDOUS CONDITIONS, AND THE RESPONSIBILITIES ASSOCIATED WITH BEING A COMPETENT DRIVER.

Textbook: RULES OF THE ROAD – SECRETARY OF STATE. DRIVE RIGHT, 2007. GUEST SPEAKERS AND VISUAL MATERIALS WILL BE USED

Prerequisites: Student must be 15 years of age by December 1 of the current year to take the classroom phase of Driver Education.

Notes: ILLINOIS LAW REQUIRES THAT THE STUDENT MUST BE IN ATTENDANCE A MINIMUM OF 30 CLOCKROOM HOURS TO PASS THE CLASSROOM PHASE. ATTENDANCE IS MANDATORY!!

Course: Art I

Category: Art

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9102

Grade Level: 9-11

College Credit?: No

Course Length: Annual

Description: Art 1 Art 1 is a course designed for high school students' grades 9-11. The first semester of Art 1 is an introduction to art criticism, vocabulary, and various media. Each project during the first semester focuses on one or more elements of art. The second semester of the course is designed to introduce students to art history. Each project during the second semester focuses on a different artist and different art movement.

Prerequisites: Grade level 9-11

Course: Art 2

Category: Art

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9103

Grade Level: 10-12

College Credit?: No

Course Length: Annual

Description: Art 2 is a class designed for students 10-12, which have met the prerequisite of a "B" average or better in Art 1. In Art 2, the students have an in depth experience with various media. Each medium is broken down into a unit. Each unit then, consists of several projects. The projects reinforce prior knowledge by relating to one another. By using different media, this class is able to look at historical and cultural information related to the origin and life of specific artists, periods, methods, and culture(s).

Prerequisites: B average or better in ART 1

Course: Art 3/4

Category: Art

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 909-10

Grade Level: 11-12

College Credit?: No

Course Length: Annual

Description: Art 3/4 is an independent environment that allows for motivated students to participate in the art making process. Students in Independent Study have proven there selves as independent workers and talented young artists, and therefore have a great deal of freedom when selecting which projects they will attempt. Students in this class must have met the prerequisite of a B or better in Art 2. Any student electing to take Independent Study Art 3 or 4 must maintain an A average and demonstrate exceptional citizenship.

Course: Band

Category: Music

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9404

Grade Level: 9-12

College Credit?: No

Course Length: Annual

Description: High School Band is a year long course that provides the students a variety of musical opportunities. They perform at football and basketball games, as well as two concerts during the year, as well as performing at organizational contest. Students may also improve their individual skills by participating in solo/ensemble contest. The music played by the group will include classical, pep music, jazz, as well as modern music.

Prerequisites: Previous band experience is strongly recommended

Notes: Band camp (which takes place during one week in the summer), football games, basketball games, as well as concerts all take place outside the school day and are a major part of the student's grade.

Course: Concert Choir

Category: Music

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9405

Grade Level: 10-12

College Credit?: No

Course Length: Annual

Description: Concert Choir serves as the top choral ensemble at W-L where students are expected to have existing knowledge of musical fundamentals and demonstrate a high standard of performance etiquette. This advanced course is geared toward developing each student's individual voice as well as learning to use their voice within the context of a group. In this course, we approach each piece of repertoire with more respect to historical appropriateness and expression than any other class. The importance of emotion, meaningfulness, and musicianship is thoroughly explored. The course requires occasional public performances.

Prerequisites: Successful audition

Notes: Attendance is required at concerts outside the normal school day. Concerts consist of a large portion of the student's grade. Aside from emergencies, no exceptions will be considered.

Course: Mixed Choir

Category: Music

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9406

Grade Level: 9-12

College Credit?: No

Course Length: Annual

Description: Mixed Choir serves as a continuation of choral music that began in middle school. However, the focus and stylistic challenges of the music develops a higher level of musicianship for each member of the choir. Our primary goal is to develop a deeper understanding of the language of the arts through music literacy and historically accurate interpretation of the repertoire. Throughout the course of this process, we work to build individual strengths into a team oriented environment. The course requires occasional public performances.

Prerequisites: None

Notes: Attendance is required at concerts outside the normal school day. Concerts consist of a large portion of the student's grade. Aside from emergencies, no exceptions will be considered.

Course: Spanish 1

Category: World Languages

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9502

Grade Level: 9-12

College Credit?: No

Course Length: Annual

Description: : This course provides an introduction to the language of Spanish including basic parts of speech, dialogue and communication. The course will also emphasize Spanish culture and history. Conversational and written skills in the language are stressed.

Prerequisites: A grade of "C" in Eight Grade English is Required for Ninth Graders

Course: Spanish 2

Category: World Languages

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9503

Grade Level: 10-12

College Credit?: No

Course Length: Annual

Description: This course is a continuation of Spanish 1. The students will have the opportunity to learn more of the skills required in pronunciation and dialogue. More time will be spent on verbs and tenses, nouns and their modifiers and written knowledge.

Prerequisites: Completion of Spanish 1 with a grade of "C" or better. If the grade is lower than a "C" then approval of the teacher is necessary.

Course: Spanish 3

Category: World Languages

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 9504

Grade Level: 11,12

College Credit?: No

Course Length: Annual

Description: The Spanish 3 course will include more grammar, written, verbal expression and practical application of the grammar and vocabulary learned in Spanish 1 and 2. The second semester will include viewing 14 episodes of the "La Catrina" video program. Field trip(s) to a Mexican Restaurant may be included.

Prerequisites: Spanish 1 and 2

Course: Spanish 4

Course Number: 9505

Category: World Languages

Grade level: 12

Description: The advanced Spanish course expounds on the usage of grammar and vocabulary learned in the three previous courses while emphasizing communication in the Spanish language. Pair and group work along with other activities are used extensively in order to promote the development of listening, reading, writing, and speaking skills.

Prerequisites: Spanish 1, 2, and 3

Course: Accounting

Category: Business Education

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 91001

Grade Level: 11, 12

College Credit?: No

Course Length: Annual

Description: Accounting is a year long class worth one credit. The course is lecture-driven with a great deal of guided practice and demonstration. Accounting is offered to sophomores (with teacher approval), juniors, and seniors, and is designed to expose students to the basic accounting cycle. It emphasizes the analysis of transactions into their debt and credit parts, the efficient recording of those parts, and the total effect of accumulated transactions on financial records. Each type of business (proprietorship, partnership, and corporation) is presented in a complete accounting cycle. Two business simulations are used to give office simulations that are completed using the automated accounting software. Students will also learn about the many careers in accounting.

Prerequisites: None

Notes: Gilbertson, Claudia Bienias, Lehman, Mark W., & Ross, Kenton E. (2006). Century 21 Accounting General Journal, 8th Edition. South-Western Educational Publishing. • Century 21 Accounting General Journal Working Papers •Century 21 Automated Accounting 8.0 • Microsoft Excel

Course: Adult Living

Course Number: 9806

Category: Family Studies-Life Studies-Home Economics

Grade Level: 11, 12

Credits Earned: 1/2

College Credit?: No

Courses Level(for wt. grades): N/A

Course Length: Semester

Course is : Active

Description: Adult Living is a semester course that is worth one half credit. The focus of this class is on knowledge, skills and attitudes of interpersonal relationships that will enable students to maintain satisfactory human relationships at home and on the job. Units include self-esteem, roles, communication, preparing to live on one's own, the career world, stress, dating, sexuality, marriage and crisis situations such as life-altering diseases, divorce, and death. Specifically, students will analyze strategies that promote growth and development across the life span. The main methods for learning are through class discussion, cooperative learning assignments, and worksheets. Videos that are relevant to the unit being studied are also incorporated into the curriculum. A test at the end of each unit will be one of the criteria for assessing what the students have learned.

Prerequisites: None

Notes: An Internet User Agreement must be signed and on file. A Parent/Guardian permission slip must be signed and on file prior to the presentation by New Life Pregnancy Center.

Course: Applied Home Economics

Course Number: 9808

Category: Family Studies-Life Studies-Home Economics

Grade Level: 9, 10

Credits Earned: 1/2

College Credit: No

Courses Level(for wt. grades): N/A

Course Length: Semester

Course is : Active

Description: Applied Home Economics is an introductory overview of three units in the Family & Consumer Science Curriculum - Foods, Living Environments and Child Care. During the Foods Unit, students will analyze career paths within the food production and food service industries, demonstrate food safety and sanitation procedures, and demonstrate selecting, using, and maintaining food production equipment. Material taught during the Living Environment Unit will require students to evaluate housing decisions in relation to available resources and options, analyze the use of housing and interior furnishings and products in meeting specific design needs, and evaluate the influences on architectural and furniture design and development. Finally, while studying Child Care as a career choice, students will analyze career paths within early childhood. Specifically, students will evaluate developmentally appropriate practices within early childhood education, analyze the integration of curriculum and instruction to meet children's needs and interests, evaluate what constitutes a safe and healthy learning environment, investigate techniques for positive collaborative relationships with children, and evaluate professional practices and standards related to child care. Class discussion, group work, observations, worksheets and cooking labs provide the major part of the learning experience. Videos are also used to supplement the material being taught. A test at the end of each unit will most likely be used to assess what the students have learned.

Prerequisites: None

Notes: An apron or t-shirt is required during cooking labs. Fifty 3" x 5" ruled index cards are required to begin work on a recipe card file.

Course: Careers

Category: Business Education

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 91005

Grade Level: 9-12

College Credit?: No

Course Length: Quarter

Description: Career Exploration is a one-quarter class worth one quarter of a credit that is offered in conjunction with Driver's Education. This class is required of all Drivers' Education age students beginning with the 2006-2007 school year. This course is designed as a hands-on, activity-based, career exploration course and provides students the opportunity to explore the world of work and careers in relation to their own interests and abilities. Students will learn about current career trends and will investigate career and education options. The course will also focus on self-awareness, goal setting, and decision-making. Students will read, interpret, evaluate, and apply information from a variety of sources. In addition, they will be able to summarize the information and relate it to the purpose of the material. Students will apply listening and speaking skills and will deliver a planned presentation to the class using PowerPoint. A short research paper is also required.

Prerequisites: Enrollment in Driver's Education.

Notes: Enrollment in Driver's Education.

Course: Consumer Education

Category: Business Education

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Description: This course requirement may also be satisfied by passing a state proficiency test. This course will cover a variety of topics such as checking and saving accounts, credit, budgeting, investing, insurance, operating a car, and consumer protection to provide necessary consumer information to enable them to live productive lives as a consumer.

Prerequisites: none

Course Number:

Grade Level: 12

College Credit?

Course Length:

Course: Data Processing

Course Number: 91007

Category: Computers (applications, programming etc)

Grade Level: 10-12

Credits Earned:

College Credit: No

Courses Level(for wt. grades):

Course Length: Annual

Course is : Active

Description: Data Processing is a yearlong class worth one credit. Data Processing is offered to freshmen, sophomores, j This course uses an exercise-oriented approach that allows students to learn by example; however, some lecture will be c course is designed to expose students to introductory computer concepts, Windows, and several different features of Micro are exposed to practical examples of the computer as a useful tool. Students will learn computer hardware and software co students are introduced to Windows XP and learn how to copy files and folders. They learn the proper procedures to produ format workbooks, charts, databases, and presentations (with Excel, Access, and PowerPoint) suitable for course work, pr and personal use. Students apply formulas and solve problems in a wide variety of practical real-world applications using E Students also represent and organize data into lists, charts, graphs, and tables. Students will also plan and deliver an oral PowerPoint.

Prerequisites: One Semester of Keyboarding

Notes: A strong math background is recommended. An Internet Agreement Form must be on file. All work is completed at

Course: Drafting/CAD

Category: Applied Technology - other than computers

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 9809

Grade Level: 10-12

College Credit?: No

Course Length: Annual

Description: This yearlong lecture/lab course is intended to provide high school students with a general knowledge of the world's most uniform language; drafting. This course serves as an introduction to the principals, tools, materials, techniques, and equipment utilized in the production of drawings for industry. Emphasis will be placed on fundamentals and techniques, lettering, orthographic projection, dimensioning, sectioning, auxiliary projections, and pictorials. During the first semester, students will be introduced to the subject of drafting through studies in graphical representations of technical ideas using industry standards with a strong emphasis on print reading and mechanical drafting. As the course moves into the second semester, students will learn the modern side of design and part representation using computer-aided drafting (AutoCAD) software. After students become comfortable with the power and usefulness of AutoCAD and 2D drawing, the future of drafting technologies will be discussed; these topics include 3D modeling and rapid prototyping. This class meets state goal and benchmarks 7.A.4a, 7.A.4b, 7.C.4b, 7.C.4c, 9.A.4a, 9.A.4b and is a class designed for Sophomores and higher.

Prerequisites: Completion or concurrent enrollment in geometry recommended

Notes: Students are required to have a valid internet agreement form.

Course: Introduction to Business

Category: Business Education

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 91004

Grade Level: 9-12

College Credit?: No

Course Length: Annual

Description: Business Techniques and Technology is a yearlong class worth one credit. The course is lecture-driven with application and guided practice. Business Techniques and Technology is offered to freshmen, sophomores, juniors and seniors. Students will be introduced to the vocabulary and terminology of basic economics; business ethics; types of business ownership; organizational structures of business; leadership and management; and technology's impact on business. Students will also examine business in a global economy; the role of government; money and financial institutions; marketing and advertising in today's world; human resources management, and a variety of careers that are available. They will design and present an actual business from concept, writing a business plan through product development; cost analysis; delivery; and profit margin. This business will allow students to apply the concepts they have learned during the year. Students will use group discussion skills to assume leadership and participant roles within an assigned project or to reach a group goal. They will use strategies to manage or overcome communication anxiety and apprehension and they will use verbal and nonverbal strategies to maintain communication and to resolve individual and group conflict.

Prerequisites: None

Notes: An Internet Agreement Form must be on file. Only some work will be completed at school. Most assignments will be in the form of homework.

Course: Foods I

Course Number: 9809

Category: Family Studies-Life Studies-Home Economics

Grade Level: 9, 10

Credits Earned: 1/2

College Credit?: No

Courses Level(for wt. grades): N/A

Course Length: Semester

Course is : Active

Description: Foods I is a semester course worth one half credit. This course is designed to combine classroom and laboratory experiences so that students develop knowledge of basic nutritional needs, basic kitchen equipment, cooking methods and food preparation. Students taking this class will recognize the importance of nutrition and wellness practices that enhance individual and family well-being. Specifically, students will analyze the nutritional needs of individuals and families and will demonstrate the ability to acquire, handle and use foods to meet these nutritional needs. In addition, the students will evaluate factors that affect food safety from production to consumption. Learning in this class is accomplished through class discussion, completing worksheets, participating in cooperative learning assignments, analyzing recipes, filling out lab plans, preparing a variety of foods and completing a recipe card file. Tests are given at the end of each unit to help assess what the students have learned.

Prerequisites: None

Notes: An apron or t-shirt is required for cooking labs. Fifty 3" x 5" ruled index cards are required for a

recipe card file.

Course: Orientation to Industrial Occupations

Course Number: 9813

Category: Applied Technology - other than computers

Grade Level: 9-11

Credits Earned:

College Credit?: No

Courses Level(for wt. grades):

Course Length: Annual

Course is : Active

Description: This yearlong, lecture/lab based course is designed to give students in grades 9-12 an introduction into various industrial fields. Through rigorous effort on the part of the students, as well as the instructor, this class will serve to expose students to a wide range of woodworking technologies. Course topics will be based around general shop principles and woodworking environments. Class discussion will be used to introduce coursework and hands-on experiences in a lab/shop setting will reinforce course objectives. The primary focus of this course is shop safety and shop fundamentals that students can use as building blocks if they decide to further their industrial education. Other possible course subjects include: manufacturability, material selection methods, design decisions, troubleshooting, fabrication, copper sweating, soldering, and automotive care. It meets State Goals and Benchmarks 7.B.5, 7.C.5a, 9.A.5, 9.B.5, 11.B.5a, 11.B.5b, 11.B.5c, 11.B.5e, 12.C.5a, 12.C.5b, 13.A.5a.

Prerequisites: None

Notes: Students will be required to supply their own safety glasses. → Students will be frequently working in the shop and appropriate clothing and footwear must be worn.

Course: Parenting

Category: Family Studies-Life Studies-Home Economics

Credits Earned: 1/2

Courses Level(for wt. grades): N/A

Course is : Active

Course Number: 9811

Grade Level: 11, 12

College Credit?: No

Course Length: Semester

Description: Parenting is a semester class that provides learning experiences and opportunities which allow students to gain knowledge and understanding of the principles of human growth and development from conception through early childhood with emphasis on prenatal development. Students will evaluate the roles, responsibilities and impact of becoming a parent. Class discussion, worksheets, cooperative learning assignments, summaries of magazine articles, relevant videos and guest speakers contribute to the knowledge students gain by taking this class. In addition, students are required to monitor a computerized baby, "Ready or Not Tot," overnight. Tests following each chapter are given to help assess what the students have learned.

Prerequisites: None

Notes: Field Study - OB/GYN Floor - DMH - A parent/guardian permission slip will be required and on file before students are allowed to participate in the field study. The Internet User Agreement must be signed and on file. A parent/guardian permission slip for taking care of the "Ready or Not Tot" must be signed and on file.

Course: Web Design and Desktop Publishing

Category: Business Education

Credits Earned: 1

Courses Level(for wt. grades):

Course is : Active

Course Number: 91010

Grade Level: 10-12

College Credit?: No

Course Length: Annual

Description: Web Design & Desktop Publishing is a yearlong class worth one credit. Web/Desktop is offered to sophomores (upon teacher approval), juniors, and seniors. This course uses an exercise-oriented approach that allows students to learn by example; however, some lecture will be conducted. Having a sound knowledge of Microsoft Word is necessary. This class allows students to learn to write, edit, format, and print articles for a newsletter using Microsoft Word. Specific emphasis is placed on preparing the district's monthly newsletter. In addition, students learn to use Microsoft Expression. Students learn to create Web sites and Web pages. During the first semester, students learn the basics of Microsoft Expression so that they can maintain the district's Web site second semester. Students also learn to use the basic features of Photoshop Elements and Microsoft Publisher.

Prerequisites: One Semester of Word Processing. Sophomores (grade 10) need teacher approval before enrolling.

Notes: Word Processing is recommended. An Internet Agreement Form must be on file. All work is completed at school.

Course: Word Processing

Category: Computers (applications, programming etc)

Credits Earned:

Courses Level(for wt. grades):

Course is : Active

Course Number: 91011

Grade Level: 9-12

College Credit?: No

Course Length: Annual

Description: Word Processing is a yearlong class worth one credit. Word Processing is offered to freshmen, sophomores, juniors, and seniors. This course uses an exercise-oriented approach that allows students to learn by example; however, some lecture will be conducted. Word Processing allows the students to learn to write, edit, format, and print all types of documents. Specific emphasis is placed on becoming competent at using Microsoft Word. Students learn to format business correspondence, tables, reports, forms, Web pages, etc. using Microsoft Word. The students complete many exercises and projects that are business-based and that emphasize skills most in demand by employers. Students also learn to complete correspondence suitable for college and personal use.

Prerequisites: One Semester of Keyboarding

Notes: An Internet Agreement Form must be on file. All work is completed at school.

