

East Butler High School



Course Descriptions

Updated for the 2015-2016 School Year

** Indicates tech prep credit is available*

Agriculture/Industrial Technology

Introduction to Agriculture, Food & Natural Resources

10 Credits

Grades 9-12

Introduction to Agriculture, Food & Natural Resources is an elective course open to all students interested in the agriculture industry and is a year long course. In this class numerous topics will be discussed and the student will have the opportunity to be a part of the East Butler FFA Organization. Topics that will be covered for the year include leadership development, natural resource management, plant and animal science, horticulture, and agriculture mechanics. Each student will start and manage a record book for their Supervised Agriculture Experience project and will present the FFA Creed, working on their speaking skills. There will be numerous events throughout this year that students can participate in such as District LSE's, land judging, livestock selection, and every student participates in a Career Development Event. Introduction to Agriculture, Food and Natural Resources is a prerequisite for all other Ag. Course. This course will be offered every year. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and Habitudes will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards.*

Ag Construction

5 Credits

Grade 11-12

Students in Ag Construction will develop skills in reading blue prints, drawing plans and then building projects. Topics that are covered include: construction materials, writing estimates and safety standards. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and Habitudes will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards. This course is offered every other year.*

Prerequisite: Intro. to Ag, Woodworking, OSHA-10 hour course and INSTRUCTOR PERMISSION (Course requires shop fee of \$15).

Ag Employment

5 Credits

Grade 12

Ag Employment presents students with the opportunity to develop job skills. Students write cover letters, resumes, and develop a portfolio that they can use after high school when applying for scholarships or jobs. All students complete a mock interview, contact colleges or universities they are interested in and interview local business people regarding their choice of profession. Students must complete a record book and select one Leadership Skill Events. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and Habitudes will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards. This course is offered every year.*

Prerequisite: Intro. to Ag

Ag Power

5 Credits

Grade 11-12

(Class size is limited to 12)

Students taking Ag Power will study electricity and the basics of a two and four stroke engine. Students complete wiring boards and then wire a room that is set-up in the laboratory environment. The second half of the class concentrates on small engine maintenance and repair. Safety, tools, correct

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disassembly, troubleshooting, maintenance and reassembly of small engines are stressed. We will look at energy sources used in the Agriculture Industry today as well. Student will be required to complete an OSHA certification class and receive their OSHA card by the end of the semester. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards. This course is offered every other year.*

Prerequisite: Intro. to Ag

(Course requires shop fee of \$15).

Animal Science

5 Credits

Grade 11-12

This course is intended to immerse students with scientific principles of the animal industry. Students will be exposed to the world of agriculture, animal science, and career options, through various hands on activities, projects, and experiences. Topics that will be covered involve animal anatomy, physiology, management, behavior, nutrition, reproduction and marketing, with a special emphasis in large animals. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards. This course will be offered every year.*

Prerequisite: Intro. to Ag

Floriculture

5 Credits

Grades 10-12

This course is an overview of the floriculture industry with an emphasis on development, design, and management. Course covers areas for students interested in careers in floral design and/or greenhouse management. Students will manage the greenhouse as well as any flower/plant sales as their project, this may require some out of school time. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards. This course will be offered every year.*

Prerequisite: Intro. to Ag

Horticulture

5 Credits

Grades 11-12

Students taking Horticulture are introduced to plant anatomy and physiology and the proper care of bedding and gardens. Other topics covered include landscaping, using native plants in landscapes, plant propagation, and integrated pest management. The class will also complete landscaping projects, pending availability of land. Students will manage the greenhouse as well as any flower/plant sales as another project. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards. This course will be offered every year.*

Prerequisite: Intro. to Ag

Metal Fabrication

5 Credits

Grades 11-12

(Class size is limited to 12)

Welding focuses on the use of the MIG welding process and plasma cutting. Students learn safety topics pertaining to each welding process and spend time in the shop perfecting their welding abilities. Students also complete various metal projects while in the class. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this*

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course to enhance and promote the mastery level of competency for technical and academic standards. This course will be offered every year.

Prerequisite: *Intro. to Ag., Welding, OSHA-10 hour course, and INSTRUCTOR PERMISSION (Course requires shop fee of \$15).*

Natural Resources

5 Credits

Grades 11-12

Students that take Natural Resources will become familiar with and understand the relationships of soil, water, plants and animals and the effects that human activity has on the natural world. Specific activities also include Range and Land Judging preparations and the opportunity to compete in area contests. Water testing and developing a wildlife management plan are covered as well. This course will be offered every other year.

Prerequisite: *Intro. to Ag.*

***Welding**

5 Credits

Grades 11-12

(Class size is limited to 12)

This course is designed to introduce student to the basics of Oxy-Acetylene and Arc Welding techniques. Safety procedures, along with related welding tools and equipment are also stressed. Students produces practice welds and projects using the above list of welding procedures. Student will be required to complete an OSHA certification class and receive their OSHA card by the end of the semester. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards.* This course will be offered every year.

Prerequisite: *Intro. to Ag.*

(Course requires shop fee of \$15).

Wildlife Management

5 Credits

Grades 11-12

The wildlife management course is designed to teach technical knowledge and skills for entry-level positions in the conservation and/or management of wildlife enterprises. Typical instructional activities include hands-on experiences with analyzing problems and developing site plans including the essential elements, concepts, and skills related to wildlife management; understanding basic ecological concepts; implementing habitat management practices; identifying wildlife and fish species; analyzing policies, laws and regulations and using natural resources for outdoor recreation; participating in personal and community leadership development activities and planning and implementing a relevant supervised agricultural experience; and participating in FFA activities. This course will be offered every other year. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards. This course is offered every other year.*

Prerequisite: *Intro. to Ag.*

Woodworking

5 Credits

Grades 10-12

(Class size is limited to 12)

This is a beginning machine woodworking class designed to teach the basic uses of the various stationary woodworking machines and power hand tools. Students will be introduced to the uses of various wood products, their properties and manufacturing techniques. Proper operation and safety procedures are stressed as students develop plans for and manufacture a series of wood projects. Will complete a series of projects. Student will be required to complete an OSHA certification class and

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receive their OSHA card by the end of the semester. *FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards.* This course will be offered every year.

Prerequisite: *Intro. to Ag.*
(Course requires shop fee of \$15).

Veterinary Science

5 Credits

Grades 11-12

This class focuses on companion animals (dogs, cats, and other small animals) and Pre-Veterinary Science. Instruction includes production, care and management of animals including animal health, nutrition, animal reproduction, breed identification, anatomy, disorders, and grooming. FFA Career Development Events (CDE), Supervised Agricultural Experiences (SAE) projects, and leadership will be integrated into this course to enhance and promote the mastery level of competency for technical and academic standards. Students will also use basic veterinary science skills and vocabulary. This course is offered every other year.

Prerequisite: *Intro. to Ag.*

Art

Art 1

10 Credits

Grades 9-11

This yearlong class will introduce students to a variety of art ideas and materials through both two-dimensional and three-dimensional art. Basic art techniques and skills in drawing, painting and sculpture will be learned as well as using art elements and principles.

*****Pre requisite for all other art classes. A minimum grade requirement of an 80% is needed to advance within the department.*****

Drawing I

5 Credits

Grades 10-12

This semester long course will teach basic drawing skills using a variety of media, techniques and processes.

Drawing II

5 Credits

Grades 10-12

This semester long course will build on drawing skills with greater emphasis on handling materials, exploring of technique, organization of composition. There will be an emphasis on using compositional design elements to create original works of art.

Painting

5 Credits

Grades 10-12

This semester long course will teach basic painting skills using a variety of media, techniques and processes. There will be an emphasis on using compositional design elements to create original works of art.

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Printmaking**5 Credits****Grades 10-12**

This semester long course will explore a variety of printmaking tools and processes. There will be an emphasis on using compositional design elements to create original works of art.

Sculpture**5 Credits****Grades 10-12**

This semester long course will look at a variety of basic ceramic and sculpture materials and processes to create three-dimensional works of art.

Advanced Art**10 Credits****Grade 12**

This yearlong class is for highly motivated art student. This is an in-depth class that will focus on refining two and three-dimensional techniques. There will be an emphasis on using compositional design elements to create original works of art as well as develop a personal style.

Business

Intro to Business**10 Credits****Grades 9-10**

Students develop an understanding of how business affects their everyday lives. They learn about the economic system and its role in business, how private enterprise works, how businesses are organized, how prices are determined and what role the government plays in business.

Accounting 1*10 Credits****Grades 11-12**

Accounting I focuses on forms of business ownership. First year accounting is for students who have a variety of career objectives. Setting up and keeping a set of financial books for each business (Sole Proprietorship, Partnership, and Corporation) is studied. Students will better understand beginning vocational preparation for careers in accounting and careers in related business fields for which mastery of some accounting is needed. College bound students will have a foundation on which to continue study in business and accounting fields. Students will become familiar with computers and how they are used in business, a unit on understanding taxes will also be included where students will learn about form W-4, W-2's, 1040EZ and 1040A tax returns.

Business Communication**5 Credits****Grades 11-12**

Students will cover materials needed to make them successful in today's workplace in the important skill of communication. Students will refine skills in writing, listening, speaking, computing, and research and in the process see how modern technology has changed communication in the workplace.

Business Leadership**5 Credits****Grades 11-12**

Students will equip themselves with the skills needed to be a leader now and in their future careers. Students will also explore a study of ethics in the workplace and will provide case studies to assist them in handling ethical decisions in the workplace environment.

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Personal Finance**10 Credits****Grade 12**

This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

Computer Science

Adv. Basic Programming**5 Credits****Grades 10-12**

This class is a continuation of the Basic Programming class. In this course the students learn some of the advanced techniques used in Basic programming. Some of the topics covered are: sequential datafiles, random datafiles, graphics, animation, sound, and music.

Basic Programming**5 Credits****Grades 10-12**

Basic is a class that helps to teach the students how to program a computer in the Basic programming language. By learning to write programs the students are able to use the computer more effectively. Some of the topics that are covered are: getting started writing programs, Let and Print Statements, flowcharts, control statements, Read and Input statements, loops, random numbers, string variables, modularization and functions, arrays, and sorts.

C++ Programming**5 Credits****Grades 11-12**

C++ introduces another programming language to the students. C++ helps the students meet the advanced placement requirement at most colleges for programming. In addition, it is one of the introductory language used by state colleges. Topics covered in C++ are: C++ Operating System, standard C++ code, input and output in C++, C++ procedures, repetitions - Do's, Repeat/Until, While/Do, conditional branching, parameters, functions, arrays, records, and files, and recursion, searching, and sorting.

HTML Programming**5 Credits****Grades 11-12**

HTML Programming is an object oriented programming language. It is a language that the student can readily learn and become very productive immediately. Hypertext allows the programmer to use text, sound, graphics in their projects. Topics covered in HTML are: basic commands for web page creation, using graphics and pictures in web pages, creating a web page, adding links to a page, making clickable icons and photos, adding sound to a page, creating animation on a web page, developing video for web pages, adding Quicktime movies to a page, and Java Script applets. In addition, it is the responsibility of the class to develop the school web page and keep it up to date. (offered in school years beginning with an even number).

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Pascal Programming**5 Credits****Grades 11-12**

Pascal class introduces a second computer language to the students. Pascal helps the students meet the advanced placement requirement at most colleges for programming. Topics covered in Pascal Programming are: Pascal operating system, Pascal P-code, file management, Pascal procedures, repetitions - Do's, Repeat/Until, While/Do, conditional branching, parameters, functions, arrays, records and files, and searching and sorting. (offered in school years beginning with an odd number).

English

English 1**10 Credits****Grade 9**

Students will have a comprehensive review of grammar, usage, and mechanics. Weekly vocabulary will be assigned. Composition instruction will include journaling, critical analysis, expository, and introduction to the techniques of MLA informative research. Literature units will include the genres of short story, drama, poetry and novel. A speech unit will concentrate on a review of informative speaking.

English 2**10 Credits****Grade 10**

This is a year-long class offered to sophomores. The purpose of this class is to review concepts previously taught regarding grammar, mechanics and usage; to review sentences and paragraphs; to expand on the procedure for writing a research paper; and to experiment with different types of writing. Weekly Vocabulary lesson will be assigned.

The students are required to research and write a 3-5 page paper (MLA format) with internal documentation, an outline, and works cited page in addition to various creative writing activities.

Literature units will include the genres of short story, drama, poetry and novel.

English 3**10 Credits****Grade 11**

This class is comprised of a main topic per semester. One semester provides students with a chance to explore various concepts of literature through the reading, discussion, and critical analysis of the genres of short story, drama, poetry and novel.

The other semester is used to review the concepts previously taught regarding grammar, mechanics and usage; to review sentences and paragraphs; to expand on the procedure for writing a research paper; and to experiment with different types of writing. The students are required to research and write a 6-8 page paper (APA format) with internal documentation, charts and/or graphs, an outline and reference page in addition to various creative writing activities. Weekly vocabulary lessons will be assigned.

English 4**10 Credits****Grade 12**

This is a year-long course offered to seniors. Its purpose is to review the concepts previously taught regarding grammar, mechanics and usage; to review sentences and paragraphs; to expand on the

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procedures for technical writing; and to experiment with different types of writing. Weekly Vocabulary lessons will be assigned.

The students are required to research and write a 6-8 page paper (APA format) with internal documentation, charts and/or graphs, an outline and reference page in addition to various creative writing activities

The literature part of the course provides the student with a chance to explore various concepts of literature through the reading, discussion, and critical analysis of genres of short story, drama, poetry and novel.

College Prep English

10 Credits

Grade 12

Students will have a comprehensive review of grammar, usage, and mechanics. Vocabulary study will be a direct attack concentrating on rapid growth necessary for college studies. Composition instruction will concentrate on personal narrative, expository, essay, critical analysis, and MLA persuasive research writing. Literature studies will include Greek mythology, English epic poetry, and Shakespearean tragedy.

Journalism 1 and 2

10 Credits

Grades 11-12

Journalism is an elective course that is dedicated to writing, editing, photographing and documenting news that is relevant to our student body. The Journalism class is also responsible for helping produce the school yearbook.

Speech

5 Credits

Grade 10

This class is offered each semester at the sophomore level. Its purpose is to provide the student with an opportunity to research, prepare and present speeches. The student prepares and presents an average of 10 speeches a semester, most of which are informative. These speeches range in length from 3-5 minutes to 8-10 minutes.

Family and Consumer Science

FCS 1

10 Credits

Grades 9-12

FCS I is an exploratory unit with time spent covering the topics of relationships, foods, consumerism, childcare, housing and clothing. Emphasis is placed on the foods unit, covering food safety and sanitation. The sewing project includes sewing from a pattern in order to read and follow written directions.

Advanced Clothing

5 Credits

Grades 10-12

Topics covered include: why we wear clothes, the meaning of the clothing, line, style and colors we choose to wear. Time is spent researching fashion designers and the history and possibilities of clothing

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Math

Algebra 1

10 Credits

Grade 9

Students will begin the year with an introduction to Algebra where they will learn the concept of the variable. Next, the students learn to work with real numbers and all their properties. Algebra I then teaches the students how to solve one-variable equations, a major concept of algebra. The students also are introduced to polynomials and learn the techniques to factoring polynomials. Algebra also strengthens the students understanding of fractions and their applications. Students get introduced to functions, which allow them to work with systems of linear equations. The students then work with inequalities and with rational and irrational numbers, this prepares the students for geometry.

Geometry

10 Credits

Grades 9-10

Prerequisite - Algebra I

Geometry is a course in which students will develop their ability to construct formal, logical arguments and proofs in geometric settings and problems. Students will also use reasoning skills to solve algebraic problems in geometric settings. Some of the topics covered include definitions, postulates, and theorems regarding angles, segments and lines, arcs, congruent triangles, similar triangles, special quadrilaterals, parallel and perpendicular lines, circles, coordinate geometry, area and volume formulas, transformations, constructions, and right triangle trigonometry.

Algebra 2

10 Credits

Grades 10-12

Prerequisites – Algebra I and Geometry

Algebra 2 is a math course in the study of algebraic expressions, equations, inequalities, and functions. This course expands the mathematical content and concepts of Algebra 1 and Geometry. Some of the topics covered include complex numbers, exponents, radicals, matrices, systems of linear equations, functions (absolute value, exponential, logarithmic, quadratic, radical, polynomial, and rational) and their behavior, solving and graphing nonlinear equations, conic sections, combinatorics, probability, basic trigonometry and sequences/series.

Applied Math

10 Credits

Grades 11-12

The course goal is to revisit and reinforce the concepts taught in Algebra I and Geometry. Students will improve upon the skills necessary for success on the NeSA state mathematics test, as well as gain the math skills necessary for real world adult living.

Pre-Calculus

5 Credits

Grades 11-12

Pre-requisites – Algebra II and Geometry

The first semester of this two-semester course is Advanced Algebra topics. These algebra concepts include linear and quadratic functions, polynomial functions, inequalities, exponents and logarithms, and analytic geometry.

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Trigonometry/Probability & Statistics 5 Credits

Grades 11-12

Pre-requisites - Pre-Calculus

Students began by looking at the basic trigonometric functions, and then learn about trigonometric equations and applications. The students enhance their knowledge of trigonometry with some triangle trigonometry applications, polar coordinates and complex numbers. The last part of the second semester covers such topics as sequences and series, counting principles, probability and statistics. The students will also participate in a statistics project where they collect data, analyze the data, and then write a report about their project.

Calculus

10 Credits

Grade 12

Prerequisites – Pre-Calculus and Trigonometry

Calculus is an in-depth study of functions, graphs, limits, derivatives, definite integrals, antiderivatives, and real-world applications of differentiation and antidifferentiation. Students will work with functions graphically, numerically, analytically, and verbally and understand the connections among these representations. Some of the topics covered include limits, continuity, derivatives, applications of derivatives (rates of change, related rates, curve-sketching, optimization), integrals, applications of integrals (area, volumes, differential equations), and techniques of integration.

College Algebra

10 Credits

Grades 11-12

The course begins with a review of basic concepts and skills from algebra. Then the course moves on to equations and inequalities followed functions and graphs. These are important to understanding any algebra course and topics. The course then covers operations on functions and analyzing their graphs. This leads to exponential and logarithmic Functions. The students then learn about systems of equations and inequalities. The course ends a study of sequences, series, and probability.

Music

High School Band

10 Credits

Grades 9-12

In this course, the year is divided into marching band and concert band. The first nine weeks may include the preparation of a competition marching show. All aspects of music performance are addressed in addition to marching fundamentals. The remaining three-quarters of the year are dedicated to concert band music. Ear-training, quality tone production, musicality, counting/rhythms, and sight-reading skills are addressed as students prepare songs for a Christmas concert and District Music Contest.

Music Ensembles

10 Credits

Grades 9-12

This course is a small-group vocal music class. Instructor permission is needed to register. All aspects of proper singing technique are covered; such as: breathing, vowel formation, diction, and performance standards. Students prepare a small recital in the first and third quarters, and prepare several selections for a Christmas concert and District Music Contest.

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Physical Education

PE 1

10 Credits

Grade 9

It is at the 9th grade level where coordination of developed skills are directed towards learning activities which would prove useful to the student's leisure time. Most lifetime leisure sports are introduced based on the school's equipment inventory. The program will provide a change of pace from the students' academic routine. Reinforcement of the need to improve one's health and fitness is also part of this course. It is the general goal to promote physical activity and non-sedentary lifestyles.

PE 2

10 Credits

Grade 10

The purpose of the course is to review skills necessary for active participation in lifetime leisure sports. These activities will be alternated with rotations in the weight room to provide for fitness training. These same activities, while facilitating leisure time, will reinforce the value of a healthy lifestyle and support the concept of wellness.

Health

5 Credits

Grade 10

This course is designed to develop an appreciation for the importance of wellness. Units of study focus on five main areas:

1. Basic First Aid; 2. Human Sexuality; 3. Disease; 4. Drug Abuse; 5. Mental Health. Coping skills are explored to help the students meet the challenges one must overcome to maintain a healthy lifestyle as society changes.

Weight Training

10 Credits

Grades 11-12

This class offers the opportunity for students to participate in strenuous exercise. Four days each week students will alternate between upper and lower body lifting stations to develop strength. The fifth day each week students will perform agility activities.

Science

Science 9

10 Credits

Grade 9

Science 9 is a course that will study energy and matter. Students are introduced to various laws and principles of physics. There are many hands on labs and activities for the students to work through. Units of study include: Measurements, Atomic Structure, Compounds, Force and energy, Work and machines. Laws of motion, Heat, Electricity, Magnetism, Waves and sound, Energy resources. Three days are spent on lab safety.

Biology

10 Credits

Grade 10

Students will study majors areas of biology, including: Lab safety, biology lab equipment, living thing characteristics, cell structure and functions, cell energy, cell growth, cancer, classification systems,

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reptiles, birds, mammals, humans, ecology, evolution, the origin of life, invertebrates, genetics, plant structure and function.

Applied Chemistry

10 Credits

Grade 11

Students will study the interactions of matter as it relates to more real world topics. Air bags, glowing things, antacids, and soap will be discussed.

Chemistry

10 Credits

Grade 11

Chemistry is the study of the interactions of matter. Students will study the following topics: matter, atoms, compounds, chemical reactions, chemical equations, and acids and bases. Some algebra level math will be required.

Advanced Biology

10 Credits

Grades 11-12

Advanced Biology is a course in Anatomy and Physiology of the human body. The class begins with basic terminology. The basic body plan is explored. An early topic of study is health and disease. Body systems studied may include: Integumentary system, Skeletal system, Muscular system, Nervous system, Respiratory system, Digestive system. There is an independent unit on nutrition. The student will perform a dissection, allowing them to study various body systems. Three days are spent on lab safety.

Physics

10 Credits

Grade 12

Physics is the study of forces and motion. Students will plan and carry out independent investigations along with normal class work. Topics include motion, acceleration, forces, gravity, projectiles, momentum, work, and energy.

Medical Terminology

10 Credits

Grades 11-12

Medical Terminology is a class geared to any student interested in pursuing a health related career. The class focuses on definition, spelling, and pronunciation of medical terminology. Vocabulary is organized by topic and body system in a word-building format of prefixes, root words, and suffixes. Ten chapters will be covered.

Science Applications

5 Credits

Grades 11-12

The class will study the principles of science that are used when different devices perform their tasks, for example, how a television receives a signal and converts the signal to a picture. Course work studied will cover all branches of science. Topics investigated may include genetics, astronomy, ecology, sound, medicine innovations and other current science technological advances. Projects, labs, lecture and media will be used to investigate the topics.

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Social Studies

World History

10 Credits

Grade 9

Freshmen study selected units covering the 19th through 21st centuries. Major themes covered include: the Age of Revolution, Imperialism, World War I, Global Depression and the rise of Fascism, World War II, the Cold War, Independence Movements and Global Interdependence. The foundation of materials is from the textbook, supplemented by research and outside sources.

American History 10

10 Credits

Grade 10

Sophomore students study the history of America from prehistory through the Civil War period. Supplementing the textbook are videotapes and DVD's, outside readings, documentary sources, and research projects.

American History 11

10 Credits

Grade 11

Junior students continue the study of the history of America from the Civil War Era through modern times. Supplementing the textbook are videotapes and DVDs, outside readings, documentary sources, and research projects.

Government

5 Credits

Grade 12

Senior students study the American system of government from its early roots in Greece and Rome to modern times. An in depth study of the Constitution, the three branches of government, federalism, Civil Liberties, the election process, state and local government, and current events give students a critical perspective of our society and how it works.

Economics

5 Credits

Grade 12

Senior students study formal Economics theories and practices in a one semester course. Units on basic concepts of microeconomics and macroeconomics are supplemented with current events, website activities on the Internet, DVD's and videotapes, class participation in The Stock Market game and other economic challenges.

Psychology

5 Credits

Grades 11-12

Psychology is a survey course that offers high school students appropriate content that illustrates current and classical theories in different Psychology topics. Activities, demonstrations, and current events will supplement the textbook.

Sociology

5 Credits

Grades 11-12

Sociology is the study of the structure, functions, and various forms of human society. Activities, demonstrations, and current events will supplement the textbook.

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Modern Problems**10 Credits****Grades 11-12**

An advanced course dealing with the analysis of economic, social, political, cultural, and other issues which influence the economic, social, political, and cultural change and development of modern societies, specifically American Society.

Spanish

Spanish 1**10 Credits****Grades 9-12**

During their first year of Spanish, students will learn the basics of the Spanish language and focus on themselves and their immediate surroundings. This includes basic vocabulary, present tense verbs, and basic conversational skills. Students will be able to introduce themselves, talk about likes and dislikes, talk about school, and complete other practical applications of the Spanish language. Spanish 1 is mainly taught through storytelling and authentic Spanish resources when appropriate.

Spanish 2**10 Credits****Grades 10-12**

Pre-requisites – Spanish I

During their second year of Spanish, students will continue developing their use of the Spanish language while maintaining a focus on the local community. Second year Spanish focuses on increasing vocabulary as well as incorporating different tenses and topics to increase the students' Spanish abilities. Spanish 2 is taught through a combination of storytelling and an increasing amount of authentic resources.

Spanish 3**10 Credits****Grades 11-12**

Pre-requisites – Spanish I & II

During their third year of Spanish, students continue to practice using various tenses to describe the world around them. These students will begin to expand their vocabulary and abilities to describe worldwide situations. Spanish 3 transitions to using mostly authentic resources for learning including novels, poems, short stories, music, and videos.

Advanced Placement Spanish**10 Credits****Grade 12**

Pre-requisites – Spanish I, II, III, and teacher approval

Advanced Placement Spanish has replaced Spanish 4. The Advanced Placement (AP) Spanish Language and Culture course is designed to meet requirements similar to a collegiate level Spanish course. AP Spanish is taught primarily in Spanish with extensive use of authentic materials. Students will continue to develop their reading, writing, listening, and speaking skills through use of novels, videos, music, and other authentic resources meant for Spanish speakers. At the end of the course, students will have the option to take the AP Spanish test which can be worth 2-4 classes of credit at participating colleges.

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