English

English I *
Prerequisites. none. This course will require students to study literature, short stories, epics, drama, usage and composition, as well as other writing and reading skills. Students will be required to read a minimum of 4 novels. Applied Communication skills will be integrated into the course.

Pre-Advanced Placement (AP) Freshman English (I)
Prerequisites: This class is open to any student who wants to be challenged and/or those planning on attending college after high school.

This class prepares students for AP and other advanced English classes later in their high school career and beyond. Students who choose to take this class should be motivated and prepared to read several novels throughout the year. In addition, AP style essay writing, literary and writing style analysis will be highly emphasized. A summer reading assignment is possible.

English II *
Prerequisites: completion of English I. This course will require students to review grammar and usage skills, to develop writing skills necessary for composition, to experience and evaluate major genres of literature, from poetry to drama. The literature explored will allow the integration of Applied Communications, History, Geography, and other disciplines, in the setting of multi-cultural ethnic backgrounds. Students will be required to read at least 3 novels.

Pre-Advanced Placement (AP) Sophomore English (II)
Prerequisites: Completion of English I. This class is open to any student who wants to be challenged and/or those planning on attending college after high school.

This class prepares students for AP and other advanced English classes later in their high school career and beyond. Students who choose to take this class should be motivated and prepared to read several novels throughout the year. In addition, AP style essay writing, literary and writing style analysis will be highly emphasized. A summer reading assignment is possible.

English III *
Prerequisites. completion of English II. This course will require students to study literature, usage, and composition. Students will be required to read a minimum of one novel. Communications skills will be integrated into this course.

English IV *
Prerequisites: completion of English III. This course will require students to study literature, usage, composition, as well as other writing and reading skills. Students will be required to read a minimum of 2 novels or books. Applied Communication skills will be integrated into this course.

AP English – Language (11th grade)
AP English is an English course primarily designed to enable students to take the AP Literature exam and the Language and Composition Exam. In AP Language, students will write both in class and out of class essays focusing on expository, analytical, and argumentative writing based on readings representing a wide variety of prose styles and genres. Some time will also be spend focusing on research skills in preparation for an argument paper that both analyzes and synthesizes ideas from an array of source in the MLA style. AP English is open to everyone, but a background in Pre-AP courses is recommended.

AP English – Literature (12th grade)
AP English courses are designed to enable students to take the AP Literature exam and the Language and Composition Exam. In AP Literature, students will read a variety of novels and write numerous essays in addition to a literary research paper outside of class. Class time will be spend in the study of novels, Shakespearean plays, and poetry, as well as in writing timed essays in MLA style. AP English is open to everyone, but a background in Pre-AP courses is recommended.

College English / Composition I
** **Must meet GPA & ACT Requirements.** Emphasis is on the process of writing clear, concise, developed expository prose through practice and class discussion of writing. Preparation of regularly scheduled papers, including a research assignment and a literary analysis, is required.

College English / Composition II
** **Must meet GPA & ACT Requirements.** An introduction to the critical interpretation of literature. Through lectures, class discussions, library research and writing assignments, students acquire an ability to analyze literary works.

Speech *
Prerequisites: None. This class is open to all 9th - 12th graders. Students enrolled in this course will study interpersonal communication, group communication, debate, and formal speaking (informative, demonstrative, and persuasive). Students will be expected to give at least 4 formal speeches and several informal speeches. This is a one semester course.

Yearbook
In this course students will develop and strengthen skills used to produce the Tiger school annual. These skills include ad sales and money management, interviewing and writing, print layout and design, photography, time management and deadlines, plus public relations. Moreover, students will become proficient in desktop publishing through the Adobe Page-maker program. Yearbook requires responsibility toward the expectations of administrators, parents, and peers in the areas of Journalism ethics, decisions as to coverage, and the care of expensive equipment. Guest speakers and field trips to media focused businesses such as newspapers, television stations, or advertising agencies are planned as available. Students are encouraged to attend a summer yearbook workshop

each July. Therefore the prerequisites of this course are an "A " or "B " in a Computer Applications class, the recommendations of the student's English teacher, and two other teachers or administrators, a sample of written work, and parental approval. Open to juniors & seniors.

Journalism
This is the prerequisite for the PGHS newspaper. This class is designed to provide basic writing and design skills needed in Journalism. Other skills taught include headline and cutline writing. Lessons on ethics of journalism and newspaper history are also included.

Newspaper
Prerequisite: Journalism I, teacher selections, and student application required. Members of this class publish Tiger Tales, the school's newspaper. Advanced methods and techniques for writing, editing, organizing, designing, and financing a newspaper are taught by producing the newspaper. A willingness to learn to use computers is expected.

Foreign Language

Spanish I
Prerequisites: None. This is a beginning course for anyone interested in learning a second language. It focuses on basic conversational skills, listening, reading and writing. Emphasis is place on building basic vocabulary and foudational grammar skills. Students will learn about various cultures in the Spanish-speaking world. Communication is the ultimate goal.

Spanish II
Prerequisites: Spanish I. This course is a continuation of Spanish I. Students will continue to work on speaking, listening, reading and writing. Students will further their study of Spanish-speaking cultures, foods and music. Emphasis will be placed on using Spanish in the workplace and in everyday situations. Students will learn to speak, read and write in various tenses. It is recommended that students taking Spanish II have maintained at least a "C" average in Spanish I.

Spanish III
Prerequisites: Spanish I & II. Students wishing to take this course should have maintained a "B" average in Spanish II and/or receive a recommendation from their teacher. In this course, students will speak mainly in Spanish. They will continue to build their conversational and listening skills. They will study Spanish-speaking countries, foods , music and traditions. Students will continue to discover how to use Spanish in everyday situations. They will read poetry, newspapers and literature in Spanish. Students will also keep a journal in Spanish.

French I
Prerequisites: None. This course is the beginning course for those students interested in learning a second language. It is a basic introductory course which covers the five skills of language acquisition: listening, speaking, reading, writing, and culture. Students learn basic grammar and vocabulary. Emphasis is placed on speaking and listening comprehension.

French II
Prerequisites: "C" or better in French I. This course is a continuation of French I. Past tense verbs and future tense verbs are covered. Emphasis is placed on reading and writing. By the end of the year, students will read a short suspense novel in class.

French III
Prerequisites: completion of French I and II with a "B" average or above. Class emphasis is on speaking and culture. Students will verbally work through typical cultural situations as well as write and recite original monologues. Reading will include poetry, newspapers, and literature. Toward the end of the four quarter, students will plan and teach some French I and elementary French classes

Mathematics

Algebra B
Students entering Algebra B must have the following prerequisite: be proficient in all four operations, use fractions with all four operations, understand and name the absolute value of a number, graph points and inequalities on a number line, define a variable and solve one operation equations, be able to solve simple application problems, solve exponents, and solve for lowest common multiple and greatest common factor. Students entering Algebra B must have passed Algebra A. Students taking Algebra B will cover the second half of Algebra 1.

Geometry
Students entering geometry must have the following prerequisite: Solving linear equations, solving a system of equations, simplifying radicals, and solving basic word problems. Students entering geometry should have a "C" or better in Algebra I and/or Algebra B. Students taking geometry will study basic construction with compass and straight edge, relationship among points, lines, planes, angles, congruent triangles, similar triangles, right triangles, polygons, polyhedral, chords, spheres, perimeter, area, volume, tessellation, transformations, and basic trigonometric functions.

Algebra I
Students entering Algebra 1 must have the following prerequisite: be proficient in all four operations, use fractions with all four operations, understand and name the absolute value of a number, graph points and inequalities on a number line, define a variable and solve one operation equations, be able to solve simple application problems, solve exponents, and solve for lowest common multiple and greatest common factor. Students entering

Algebra 1 should have a “C” or better in Pre-Algebra or 8th grade math or other accelerated math program. Students taking Algebra 1 will study rational numbers, equations, inequalities, polynomials, factoring, rational expressions, functions, graphs, graph linear equations, graph linear inequalities, and radical expressions.

Algebra II
Students entering Algebra 2 must have the following prerequisite: be proficient in rational numbers, equations, inequalities, polynomials, factoring, rational expressions, functions, graphs, graph linear equations, and radical expressions. Students entering Algebra 2 should have a “C” or better Algebra 1, Geometry, and Algebra A & B. Students taking Algebra 2 will study order of operations, number sets, equality properties, absolute value equations, linear functions, solving systems of equations, solving inequalities, solving matrices, study polynomials, simplify radicals, solving equations, solve quadratic equations, graph quadratic equations, study and graph conic sections, solve exponential equation, solve logarithmic equations, and learn to use a graphing calculator.

Algebraic Connections
Students entering algebraic connections must have the following prerequisite: be proficient in rational numbers, equations, inequalities, graphs, graph linear equations, solving a system of equations, and solving basic word problems. Students entering Algebraic Connections should have a “C” or better in Algebra I and Geometry. Algebraic Connections will build on a foundation of previously taught Algebra and Geometry concepts, enlarge upon the development of each concept, and introduce new concepts. Students will be expected to evaluate data, interpret data, analyze linear functions, write and solve equations and inequalities and their systems, and use algebraic, graphical, and numerical methods for analysis.

Algebra III
Algebra III is designed for students who have successfully completed Algebra II. This course will enhance the higher level thinking skills developed in Algebra II through a more in-depth study of those concepts and exploration of some pre-calculus concepts. Students in Algebra III will be challenged to increase their understanding of algebraic, graphical and numerical methods to analyze, translate and solve quadratic, polynomial, rational, exponential and logarithmic functions. Modeling real world situations is an important part of this course. Sequences and series will be used to represent and analyze real world problems and mathematical situations. Algebra III will also include a study of trigonometric functions, right triangles, and oblique triangles.

Trig /Pre-Calculus
Prerequisites: A grade of a "C" or better both semesters of Algebra II. Students will study trigonometry, rectangular and polar coordinate systems, polynomial and logarithmic functions, advanced graphing techniques, and probability. This is a one year course.

Transition to College Math
Grade 12. 1 year – 1 Unit. Prerequisite: Algebra I, Geometry, Algebra II
Transition to College Math builds on previous courses in Algebra I, Geometry, and Algebra II and uses investigative mathematics in the application of mathematics in the real world. This course may be completed to satisfy the fourth year mathematics required for unconditional admission to Arkansas' colleges and universities and meet the requirements for the Arkansas Academic Challenge Scholarship Program. (This is a graphing calculator based course and will be taught via distance ed.)

A P Calculus
Prerequisites: A grade of "B" or better in Pre-Calculus or permission of the instructor. This is a two semester college course in differential and integral calculus. This is a difficult course and is recommended for students planning to study math, physical science, or engineering in college.

College Algebra
****Must meet GPA & ACT Requirements.** An overview of the fundamental concepts of algebra. Topics include linear and quadratic equations and inequalities; the Cartesian plane and graphing; using a graphing utility; functions, graphs, and models; polynomial and rational functions; exponential and logarithmic functions; systems of equations, inequalities and matrices.

Science

Physical Science *
Prerequisites: Open to 9th graders Students will study basic principles of problem solving in science, the identification of the four states of matter, and their relationship to physical and chemical change. They will learn basic principles of laws of motion and force in relationship to work, energy, and power of simple machines.

Environmental Science
Grades: 11^{th} and 12^{th}. Pre-requisites: Physical Science and Biology
This course is designed to give a more in-depth study of environmental topics from previous scientific studies such as earth science, biology, and physical science. Topics are Arkansas related whenever possible. Topics include, but are not limited to, mapping, water, weather, volcanoes, earthquakes, erosion, and wildlife management.

Biology *
Prerequisites: Physical Science. This course will cover the study of living organisms from the cellular level to plants, reptiles, and mammals. How humans function as biological organism will also be covered Laboratory work will be required as well as notebooks and special projects.

Pre-AP Biology
Grades: 9th & 10th. Pre-requisite: Algebra I
This course is an advanced biology course. This course will cover the study of living organisms from the cellular level to plants, reptiles and mammals. How humans function as biological organism will also be covered. Laboratory work will be required. Additional emphasis in problem solving, extended writing, critical thinking skills, and a study of current biological events are included in this class.

AP Biology
Open to 11th or 12th graders. AP Biology is designed to be the equivalent of a two semester college biology course for biology majors. This course covers topics ranging from molecules, cells, heredity, evolution, organisms, and populations. A great deal of out of class preparation and study is required for successful completion of this course. Essays and research papers will be completed out of class in addition to in class tests and lab reports. The labs completed and textbook used are equivalent to those of college-level biology class. By showing themselves to be qualified on the AP Biology examination, students may receive credit for two semesters of college biology.

Physics in Context
Prerequisites: Integrated Algebra A & B or Algebra I. This course studies four energy systems: mechanical, fluid electrical, and thermal. The course is taught using reading, lecture, demonstration, and lab. This course does not meet the science requirement for college prep.

Chemistry
Prerequisites: Physical Science, Biology & Algebra 1(a "C" or better is recommended in Algebra). This course will explore the structure and properties of matter and chemicals and how they affect us Laboratory work will be required as well as notebooks and special projects.

Physics
Prerequisites: A grade of "C" or better both semesters of Algebra II. This course covers mechanics, optics, thermodynamics, electromagnetism, and atomic physics.

Human Anatomy & Physiology
Prerequisites: Biology. Open to 11th & 12th graders. This course is a study of structure of the human body systems, the function of each structure, and their relationship to other structures. Dissection will be required.

Social Studies

Civics *
Prerequisites: None. Open to all 9th graders Students will learn about political and economic systems, foundations of the American Political System, citizenship: rights and responsibilities, national government, and state and local governments.

U.S History *
Prerequisites: Open to 11th & 12th graders. The U.S. History class is designed to provide students with knowledge of the development of the United States from the Civil War to the present. This course deals with America at home and abroad regarding politics, social and cultural changes, military, trade and the economy.

A.P. U.S. History
Prerequisites: Open to 11th & 12th graders. The Advanced Placement Program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon the equivalent to those made by full year introductory college courses. Students should learn to assess historical material - their relevance to a given interpretive problem, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship.

World History *
Prerequisites: none. This course is open to 10th -12th graders. This course propels students around the world and through 8,000 years in 180 days. Skills learned will include the ability to link the past to the present and enable students to think creatively.

Psychology
Prerequisites: none. Open to 11th -12th graders. Students are taught a brief history of the field, its development and significant leaders, basics of physical perception and human perception of the senses, theories of learning, language acquisition, memory theories, the study of intelligence, the study of personalities, normal/abnormal behaviors and mental disorders. This is a semester class.

Sociology
Prerequisites: none. Open to 9th -12th graders. Sociology is the scientific study of social structures It deals with human behavior. The main focus is looking at all events as they associate with the three theoretical perspectives. This is a semester class.

Contemporary United States History
This history class begins with the civil war and reconstruction and continues until Viet Nam. The major emphasis is the two world wars. We will study the battles and battle strategy of the countries involved. This is a semester class.

World Geography
Prerequisites: none. Open to 11th & 12th graders. This course is a study of people, places and environment from a physical and cultural perspective. Through a variety of classroom activities, students will gain an appreciation and understanding of the interdependent world in which they live. Students will analyze and evaluate the connection between their local and global communities. The course will emphasize the practical and responsible application of geography to life situations. This is a semester class.

- **Credits that are required for graduation**

Elective Classes

Family & Consumer Science

Family & Consumer Science
Is an in-depth, one year course suggested for 9th -12th grade students. It explores all aspects of family living to help students enrolled in the course to recognize & use available resources so that they can function effectively in a competitive, computer oriented high-tech society.

Child Development
Is a one-semester course which focuses on skills needed to guide the physical, intellectual, emotional & social development of children.

Foods & Nutrition
Is a one-semester course which focuses on the development of skills needed to select, prepare, and serve food which meets nutritional needs of individuals and families.

Parenting
Is a one-semester course designed to assist students in developing an understanding of the parenting process and of parenting skills.

Personal & Family Finance
This class is a non-laboratory semester course designed to assist students in developing an understanding of resources available to individuals and families and ways to manage these resources so that needs and goals are met. Emphasis is given to the development of competencies related to resource management techniques, management of individual resources, resource management for a healthy lifestyle, family life management, resource management for meeting change, resource management in the workplace, financial resource management, credit and investment resource management, consumer resource management, time management, material and human services resource management, natural resource management, and technology as a resource.

Human Relations
Focuses on the development of skills needed in order to build and maintain successful relationships in the home, community and workplace.

Family Dynamics
Focuses on the role of the family in helping individuals develop to their highest potential, in strengthening the community, and in addressing concerns of a global society.

Clothing & Textiles
Clothing and Textiles is an in-depth, one-semester course suggested for 9th -12th grade students Units include: Clothing Selection, Textiles, Clothing Care, Clothing Construction, and Careers & Technology. Upon completion, students will be able to choose fashions that enhance their body shapes, be wise consumers of clothing and textiles products, understand basic facts about textile products, know how to construct and alter clothing and be aware of the many career opportunities in the field of clothing and textiles. Students will learn how to operate a computerized-embroidery sewing machine and a serger. Students will be responsible for purchasing necessary material for the clothing construction unit.

Housing & Interior Design
Prerequisites: Family & Consumer Science. For 9th -12th grade students. This is a one semester course. This class focuses on personal and family housing needs, options for meeting those needs, and the role of the housing industry in the economy. Emphasis is given to the housing needs of the individual and family; housing options, trends in housing; financial and legal commitments related to housing, home construction; art principles as applied to housing and interiors, selection, care and arrangement of home furnishings and appliances; energy conservation; job and career opportunities in housing and interior design; and effect of technology on housing. Upon completion of the course, a student should be prepared to make wise decisions in obtaining and maintaining personal and family shelter.

Nutrition and Wellness
A semester course designed to emphasizes the interaction of nutrition, foods, sports and exercise for lifelong fitness and wellbeing of individuals and families. This course includes food demonstrations, nutrition and exercise investigation, and exercise activities in the classroom to encourage an active lifestyle to stay fit.

Leadership and Service Learning
Leadership and Service Learning emphasizes the importance of leadership skills, volunteerism and professionalism in the development of personal qualities. This course focuses on the benefits of community service, leadership roles and civic responsibilities. Course projects and activities encourage students to explore areas of critical thinking, responsibility, and cultural awareness as they relate to character development. Students are encouraged to become member of the Family, Career, and Community Leaders of America to receive recognition for their community service activities through the organization.

Fine Arts

Senior Band
Prerequisites: Students must fulfill the requirements set forth by the band director. Students will have the opportunity to become familiar with various styles of music. They will participate in marching and concert activities. Students will be expected to meet during school and after school for rehearsals Grades will be based on event and class participation.

Choir
Prerequisites: None. Open to 9th -12th graders. Students will receive group instruction in choir performance at all levels. Religious, contemporary, traditional, rock, soul, country and pop music may be utilized throughout the year. Students will be required to perform at various local and state events. Grades will be based on event and class participation.

Tiger Honor Choir
Prerequisites: None. By audition only. Open to 10th - 12th grades. Students will receive group instructions in choir performance at all levels. Skills covered will include listening, performing, sight reading, history of music, teamwork, defining musical symbols and terminology, and self-discipline. Religious, contemporary, traditional, rock, soul, country, and pop music may be utilized throughout the year. Students will be required to perform at various local and state events. Grades will be based on event and class participation.

Music Theory
Music Theory is designed for the serious music student with instrumental and / or choral background. The course is designed to accommodate the needs of students with limited musical background as well as advanced musicians. Students will study the basic level of music theory including clefs, key signatures, intervals, and rhythm, as well as more advanced rudiments of theory including harmony, form, and elementary composition. This course is recommended for any student planning to pursue a career in music.

Music Appreciation
Music Appreciation is designed to be an introduction to the art and nature of music. The emphasis is on aural skills, historical styles, musical forms, the literature of music, and the role of music in society. It will include the major periods from Medieval through 20th century and will train students to differentiate between styles. Evaluation will be based on written assignments and tests, class participation, and development of listening skills.

Drama
Students will learn theatre history, the fundamentals of stage speech and movement as well as actor's relaxation techniques. In addition to in class performances of improvisation mimes, duets, group scenes, etc., students will be required to participate in a semester production to be performed.

Art I
Art I is a two-semester course designed to teach students to apply the elements of art and principles of design to the creative process. Art I students are expected to use a variety of media, techniques, processes, and tools to compose original works of art that demonstrate understanding of the elements of art and principles of design, awareness of aesthetic concerns, and the ability to communicate ideas through artwork. Students will critique and reflect on their artwork and the art of others. Students will exhibit artwork and will assemble portfolios that demonstrate successful completion of Art I student learning expectations

Art II
Art II is a two-semester course designed for students who have successfully completed Art I. Art II students shall further expand their knowledge of the elements of art and principles of design through the research, production, and criticism of visual art. Students are expected to use a broad variety of media, techniques, processes, and tools to create original, complex compositions that reflect personal growth, solve visual art problems, and communicate ideas. Students will critique artwork and reflect on the impact of art upon society as well as societal influences on art. Students will exhibit artwork and will assemble portfolios that reflect personal growth and demonstrate successful completion of Art II student learning expectations. Art I is a prerequisite for this course.

Art III
Art III is a two-semester course designed for students who have successfully completed Art II. Art III students will create artworks that demonstrate increasing ability to apply knowledge of the elements of art and principles of design in the research, production, and criticism of visual art. Students are expected to use a broad variety of media, techniques, processes, and tools to create original, complex compositions that are more expressive, to demonstrate internalization of art foundations, and to solve more complex art problems throughout the creative process. Students will critique artwork to gain a deeper understanding of the impact of art upon society as well as societal influences on art. Students will exhibit artwork and will assemble portfolios that reflect personal growth across a breadth of media, demonstrating successful completion of Art III student learning expectations. Art II is a prerequisite for this course.

Art IV
Art IV is a two-semester course designed for students who have successfully completed Art III. Art IV students will create a body of meaningful artwork that demonstrates mastery of the elements of art and principles of design through the research, production, and criticism of visual art. Students are expected to use a broad variety of media, techniques, processes, and tools to create original, complex compositions. Student compositions will reflect complex problem-solving skills, higher order thinking, risk taking, and innovation throughout the creative process. Student work will be more independent and self-directed, with the teacher primarily serving as facilitator. Artwork will reflect a personal visual voice and will encompass a breadth of composition.

Students will critique artwork to a degree that an understanding of the interdependence between art and society is demonstrated. Students will exhibit artwork and assemble portfolios that reflect personal growth across a breadth of media and subject matter, demonstrating successful completion of Art IV student learning expectations. Art III is a prerequisite for this course.

Studio Art 2-D
Studio Art 2-D is a one-semester course designed for students who have successfully completed Art I. Studio Art 2-D is a teacher-directed and/or student-directed course in which students further explore, apply, and move toward mastery of the elements of art and principles of design in specific areas of art, such as painting, drawing, printmaking, digital art, photography, mixed media, surface design, or other 2-D media. Student art will demonstrate evidence of complex problem-solving skills, higher order thinking, risk taking, imagination, and innovation. Students will exhibit art and will assemble portfolios that reflect personal growth in media, techniques, processes, and tools used to create complex 2-D compositions. Student compositions will cover a breadth of media and subject matter and will demonstrate successful completion of Studio Art 2-D student learning expectations. Art I is a prerequisite for this course.

Studio Art 3-D
Studio Art 3-D is a one-semester course designed for students who have successfully completed Art I. Studio Art 3-D is a teacher-directed and/or student-directed course in which students further explore, apply, and move toward mastery of the elements of art and principles of design in specific areas of art, such as ceramics, jewelry, mosaics, fiber arts, sculptures, mixed media, altered books, or other 3-D media. Student art will demonstrate evidence of complex problem-solving skills, higher order thinking, risk taking, imagination, and innovation. Students will exhibit art and will assemble portfolios that reflect personal growth in the media, techniques, process, and tools used to create complex 3-D compositions. Student compositions will cover a breadth of media and subject matter and will demonstrate successful completion of Studio Art 3-D student learning expectations. Art I is a prerequisite for this course.

Pottery
1 semester class. No prerequisites. In this course we learn the basic 4 methods of clay work -pinch, coil, slab, and wheel. Then, the student creates pots and other work based on these methods. About 20 pieces are assigned. More can be made if time allows.

Drawing
1 semester class. Prerequisites: Art I. Uses the text Discovering Drawing . Subject matter includes: still life, figures and portraits, perspective, landscape and nonobjective. A variety of media will be explored - pencil, markers, conte crayon, pen, charcoal, pastels, and colored pencils. Emphasis is on original compositions.

Painting
Prerequisite: Art I. A further study of subject matter from drawing class in wet media: watercolor, tempera, acrylic, oil, etc. You will learn to stretch your own canvas.

Sculpture
1 semester class. Prerequisites: Art I. 3-D design using various media and emphasizing various theories of art. Media includes junk, paper, wire, clay, cardboard, plaster, paper mache, and cloth. Geometric and organic forms mobiles and portraits are examples of subject matter.

Crafts
No prerequisites, but Art I is preferred. Designing and making various materials which may include cloth weaving, basket weaving, batik, tie dye, latch hook, beadwork, papermaking, bookmaking, enameling & printmaking.

Photography
1 semester class. Prerequisites: Art I & II. This course covers all the primary skills in the production of black and white photographs, including camera operation, exposure, film developing, and printing. STUDENTS WILL BE REQUIRED TO PROVIDE THEIR OWN 35mm MANUAL CAMERA AND FILM. CLASS SIZE IS LIMITED.

Health & Physical Education

Health
This class is designed to teach students the importance of the combination of physical, mental and social well-being.

Physical Education
Guide students into activities that relate muscle strength, endurance, flexibility and body awareness utilizing activities that will encourage working/playing in an environment that is fun and entertaining as well as lead to a life time ability in working with other participants.

Lifetime Fitness
The purpose of Lifetime Fitness will be to provide students an opportunity to learn and become involved in fitness activities that they may be able to continue active participation in throughout their life. This class is a two semester course that will cover such activities as: badminton, archery, table tennis, weight training & conditioning, aerobic activities, basketball, golf, camping, canoeing, hiking, backpacking, outdoor cooking, etc.
Methods of evaluation will include participation and skill improvement based on early lesson practice and tournament play for those competitive activities and participation for those involving individual skills.

Business

Computer Applications I
Grade Level: 9, 10, 11, & 12. Prerequisites: Keyboarding
Computer Applications 1 is a one-semester course designed to provide students with the fundamental computer skills necessary to do well in high school and needed in virtually all jobs today. In the area of word processing students will learn the fundamental skills necessary to create and edit the most widely used documents and use the most commonly used features of a work processor, such as bullets, numbered list, special character, borders and shading, fonts, and paragraph and line searching. The fundamentals in the use of scanners, graphics, and Word Art are applied to documents. Internet searching skills and citing Internet sources are stressed with these applied to a simple PowerPoint presentation. In the area of spreadsheets, students will be expected to create and edit simple spreadsheets, using basic formulas and functions, and create a simple graph or chart.

Computer Applications II
Grade Level: 9, 10, 11, & 12. Prerequisites: Keyboarding, Computer Applications 1
Computer Applications II is a one semester course designed to provide students with the intermediate computer skills necessary to do well in high school and virtually all jobs today. Students will learn techniques that will allow them to create fairly complex word processing and spreadsheet documents. They will continue their Internet research, applying it to spreadsheets, charts and graphs, and web pages.

Computer Applications III
Grade Level: 9, 10, 11, & 12. Prerequisites: Keyboarding, Computer Applications I, & Computer Applications II.
Computer Applications III is a one semester course designed to provide students with the computer skills necessary to do well in college and that are needed in most jobs today. Students will learn techniques that will allow them to create simple to intermediate desktop publishing documents; create, access and edit databases; use email efficiently and ethically. Create advanced electronic presentations; and create web pages using webpage design software. They will continue their Internet research, applying it to advanced electronic presentations and the web pages they create.

Office Management
Grades 10-12. Prerequisite: CBA or CA I & II
Office Management is a two-semester course focusing on management and supervision in the office environment. The course covers basic skills such as word processing, records management, and communications as well as decision making, critical thinking, and ethics.

Programming I
Grades 10-12. Prerequisite: Keyboarding **Programming I** is a one-semester course in any modern, high-level, structured language. Concepts should be taught in the context of practical applications. The programming languages used for this class include Visual Basic.net and HTML. Prerequisites including Keyboarding and Algebra I.

Programming II
Grades 10-12. Prerequisite: Programming I.& Geometry. Programming II is a one-semester course that is a continuation of the study of the language taught in Programming I.

Multimedia Applications I
Grade levels: 10, 11, 12. Prerequisite: Keyboarding, Computer Applications I, Computer Applications II, Computer Applications III, & Desktop Publishing I.
Multimedia Applications I is a one-semester course giving students advanced experience in using multimedia to merge text, graphics, video and sound. Applied principles are used to analyze and organize information, set up a design structure, and produce special visual expressions.

Multimedia Applications II
Grade levels: 10, 11, 12. Prerequisite: Keyboarding, Computer Applications I, Computer Applications II, Computer Applications III, & Desktop Publishing I.
Multimedia Applications II is a one-semester course giving students advanced experience in using multimedia to merge text, graphics, as well as in editing and dubbing video and sound. Applied principles are used to analyze and organize information, set up a design structure, and produce special visual expressions. Students will be able to develop an interactive multimedia presentation with academic core integration.

Accounting I
Grade Levels: 10, 11 & 12 . Prerequisites: Keyboarding
Computerized Accounting I is a two-semester course with emphasis on basic accounting principles as they relate to both manual and computerized financial systems. Instruction is on an integrated basis using computers and electronic calculators as the relationships and processes of manual and computerized accounting are presented. Entry-level skills in the accounting occupations can be attained.

Desktop Publishing I
Desktop Publishing I is a one-semester course that combines the versatility of the microcomputer with page-design software, enabling students to produce materials and near photo-typed quality. The course includes page composition, layout, design, editing function, and a variety of printing options. The prerequisites include CBA or CA I & II. Units covered in this class are desktop publishing, layout and design, text features, graphics, and additional publication features.

Desktop Publishing II
Desktop Publishing II is a one-semester course designed to study the process of analyzing information and audience in order to choose the appropriate visual signals to communicate the desired message effectively. Applied principles are used to analyze and organize information, set up a design structure, and produce special visual expressions. Units covered include photo editing, custom colors, advanced layout and design, presentation design, and web page design. Prerequisite for this class is Desktop Publishing I.

Business Law
Grade levels: 11, 12. Prerequisite: Tech Prep Foundation
Business Law is a one-semester course designed to acquaint the student with some of the legal problems and rights encountered in business transactions. This course will include introduction to the law, laws relating to minors, and the business firm; using credit; elements of contracts; employment, checks and commercial paper

Computerized Business Applications
Computerized Business Applications is a two-semester course designed to prepare students with an introduction to business applications that are necessary to live and work in a technological society. Emphasis is given to hardware, concepts, and business uses of applications. The business applications covered are word processing, database, spreadsheet, telecommunications, presentations, and Web page design.

Marketing Management
Marketing Management is a two-semester course designed to develop decision-making skills through the application of marketing and management principles. Competencies will be accomplished by utilizing various instructional methods, resources, and direct involvement with marketing businesses. The course will focus on organization, finance, risks, credit, technology, and social aspects.

Marketing
Marketing is a two-semester course designed to provide students the fundamental concepts, principles, skills, and attitudes common to the field of marketing. Instruction will focus on market types, market analysis, consumer types, planning promotion, buying, pricing, distribution, finance, trends, and careers.

Introduction to Finance
Introduction to Finance focuses on the individual's role and financial responsibilities as a student, citizen, consumer, and active participant in the business world. It informs students of their various financial responsibilities. Units covered will be Money Management, Credit Management, and Financial Security. This course is designed to be taught in a one-semester format for Junior and Seniors.

Sports & Entertainment Marketing
Grades 10-12
Sports and Entertainment Marketing is a one-semester course designed to provide students with an understanding of marketing concepts, foundations, and functions as they relate to career opportunities in the growing area of sports and entertainment. Instruction will focus on public relations and publicity, event planning and marketing, sponsorship, venue design, concessions, risk management, product planning, licensing, ticket sales, and distribution.

Fashion Merchandising
Grades 10-12
Fashion Merchandising is a one-semester course designed to offer an overview of the fashion industry. It provides the foundation in preparing students for a wide range of careers available in the different levels of fashion industry. Emphasis is given to historical development, textiles, manufacturers, merchandising, domestic and foreign markets, accessories, and retailing.

Agriculture

Introduction to Agriculture Science & Technology (Explor. Agri.)
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course provides students with an overview of the agricultural science and technology program of study. A brief introduction is given to each area included in the total Agricultural Education program, so that students can then decide in which areas they are most interested. A significant portion of the course is devoted to the National FFA Organization and Supervised Agricultural Experience Programs. This is a yearlong course.

Agriculture Metals (Welding)
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course covers safety and technical information in agriculture metal fabrication, with ample opportunity for students to gain hands-on skills in the laboratory. Both cold metal work, cutting and welding will be covered with safety practices and performance skills emphasized in every area covered. This is a year long course.

Agricultural Mechanics
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course is designed to provide the student with laboratory experience beyond the exploratory level in the fourteen major areas of agricultural mechanics. Areas covered include arc welding, oxyacetylene welding, cold metal work, sheet metal work, tool fitting, small gas engines, surveying, concrete and masonry, plumbing, hand & power tool working, electricity, and painting &finishing. This course is designed for students with a serious interest in agricultural mechanics.

Agricultural Structural Systems (Agri Structures/ Electricity)
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course combines the former courses covering sketching and drawing, agricultural electricity, plumbing, and agricultural structures into one course. In the present course, the skills used in each of these areas is brought together to help the students understand the relationship of these areas and their importance to agriculture. This is a year long course.

Plant Science
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course gives a general overview of plant science rather than a horticultural viewpoint. Basic plant systems and propagation methods are covered Instructors should add specific information (such as rice production, fruit or vegetable production, crop production, etc.) to meet the needs of their local areas.

Managing Our Natural Resources (Wildlife Mgt. Forestry/Soil, Water & Air)
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course offers students a chance to explore natural resources and develop knowledge and skills to use them wisely now and in the future. Resources studied include soil, water, and air, forests, energy, minerals and metals, fish and wildlife. The use of natural resources for outdoor recreation will also be covered Careers in natural resources will be researched and environmental issues debated.

Small Engine Technology (Small Gas Engines)
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course examines the uses of small engines in all areas of agriculture. Selection of small engines for jobs, maintenance and repair of small engines, and careers requiring a knowledge of small engines will be covered.

Agricultural Power Systems (Agri Power/ Agri. Equipment)
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course covers agricultural power, agricultural machinery, and electronics, including the maintenance and repair of equipment. Principles of power are covered along with fuel systems, oil systems, cooling systems, electrical systems, and hydraulics.

Biological Sciences in Agriculture
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course takes a scientific approach to agriculture. The student will learn to conduct experiments and report findings, and will look at the progress being made in the area of genetic engineering. Both plant and animal systems will be covered, including the preservation of these as food products.

Animal Sciences: Special Topics (Swine, Dairy, Beef, Equine, Poultry)
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course is a general study of animal science and production designed to build on the information introduced in the Introduction to Agricultural Science and Technology course. Topics to be covered include economic importance of livestock, genetics and animal breeding, animal nutrition, animal health, facilities, and marketing. The business aspects of animal production will also be covered as well as current ethical issues related to the production of livestock.

Animal Science
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. A general study of animal science and production designed to build on the information introduced in the "Introduction to Agricultural Science & Technology" course. Topics to be covered include economic importance of livestock, genetics and animal breeding, animal nutrition, animal health, facilities, and marketing. The business aspects of animal production will be covered, as well as current ethical issues related to the production of livestock.

Environmental Resources
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course explores environmental concerns related to soil and water processes, and the student will investigate ways to conserve soil and water as well as prevent contamination.

Floriculture

This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course gives the student an in-depth coverage of the floriculture industry, including both design and merchandising information. Careers in floriculture are covered, as are principles of design, selection and storage of cut flowers and greens, supplies, containers, and retail flower shop management strategies.

Greenhouse Management
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course offers the serious horticulture student an in-depth study of greenhouse management practices Structural considerations are covered as well as plant propagation techniques, pesticide use, and marketing strategies. The student will receive ample opportunity to practice the skills learned during the course.

Introduction to Horticulture Science
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This is an introductory course for students with a strong interest in horticulture. Careers in the industry are covered, as well as basic plant systems and pest control. The student will introduced to the areas of greenhouse management, nursery management, and landscaping.

Nursery - Landscape Management
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course gives students skills in managing nursery and landscape businesses. Various types of nurseries will be studied, and students will instructed in the use of tools and equipment used in nursery and landscape management. Ample opportunity will be provided for students to develop hands-on skills needed for this area It is highly recommended, though not required, that the student take "Introduction to Horticulture Science " before this course, in order to become knowledgeable about basic plant science and production methods.

Agricultural Business
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course is a survey of the various business concerns involved in agricultural entrepreneurship, with emphasis on record-keeping, business transactions, personnel management, etc. The course covers business concerns from the start-up period to marketing products, including personnel management and business ethics.

Agricultural Marketing
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course covers all aspects of marketing agricultural products and services, from wholesale to retail, including futures markets and international marketing. The students will be introduced to the major role of agricultural products and services in the United States' economy.

Leadership & Communication
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This course is designed to help students develop their abilities in such areas as public speaking, parliamentary procedure, organization, delegation, business etiquette, and conflict resolution, so that they will be better able to full leadership roles in agriculture.

Entrepreneurship
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. A comprehensive study of business related to agriculture including classification of business, business plans, procedures, risks, skill and abilities, and organization of a business from the ownership standpoint, specifically as they relate to agribusiness.

Food Science Technology
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. Prerequisite: Intro. to Ag. Science & Tech. This is a one-semester course designed for upper-level students who are interested in the food industry. Issues in food safety will be discussed as well as the increased popularity of value added products, and current trends in marketing techniques. Students will also receive practical experience in processing and preserving crops and meat products.

Advanced Animal Science
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This is a one-semester course that will include selection and grading of livestock animals. It will also cover feeding, management, and marketing of cattle, swine and sheep.

Agricultural Surveying
This course contains both an FFA and SAE (Supervised Agricultural Experience) component. This is a one semester course of land surveying, differential leveling, elevation determination, and land descriptions.

Career Preparations

Workplace Readiness
This is a one semester course designed to equip students to manage resources of time, money, and education for maximum return. Major topics addressed include banking and finance, insurance, taxes, career investigation, educational planning, getting a job and keeping a job, and interpersonal relations.

Vocational Internship
Workplace Readiness is a co-requisite for this program. You must enroll in the fall semester of Workplace Readiness if you have a fall internship, and either fall or spring if you have a spring only internship. This class is for 12th graders only.
The internship program provides students with classroom and on the job experiences. Employers provide paid work experience that directly relates to the student's identified career major. The career major is identified from potential completers in the three career preparation programs – Agriculture, Business, Marketing, and Family & Consumer Science. The applicant must be an active member of the respective vocational student organization (FFA, FBLA, DECA, FCCLA), and be on a schedule to be a completer in the vocational program. Minimum grade point for participation is 2.0. Attendance must be excellent. Interns will be allowed to depart from campus after four periods. The student must be enrolled in a class in the respective vocational program during the internship. Credit is ½ per semester. YOU MUST APPLY FOR THIS PROGRAM IN THE SPRING. Applications may be picked up from Mrs. Bartholomew.

Marketing Management Work-Based Learning
Grades 11-12
Although not mandatory, many students can benefit from the on-the-job training component (cooperative education) of Marketing and Marketing Management. The student's job must relate to his/her career objective, and the work-site trainer must develop a list of competencies to be taught on the job that coordinate with classroom competencies and career objectives. All aspects of the industry must be taught. Students attend school part of the day and work in a marketing position for the remainder. A minimum of 135 hours during each semester on the job is required for the work experience credit of .5