**ENGLISH**

**English I**

**Prerequisite: none**

**Grade Level: 9**

**Credit: 1**

This course incorporates grammar, reading, writing, listening speaking and viewing into the study of literature and language usage. Areas emphasized are cooperative learning, basic research, skills in critical thinking, oral and written communication, grammar, and mechanics through various writing experiences and reading various literary forms and styles.

**Accelerated English I (E-1)**

**Prerequisite: 90 or above in prior English and Advanced score on MAAP**

**Grade Level: 9**

**Credit: 1**

\*See course description below Accelerated Courses.

**English II**

**Prerequisite: completion of English I**

**Grade Level: 10**

**Credit: 1**

This course fuses the study of mechanics and grammar into a comprehensive study of language and literature. Students who complete this course should be able to communicate effectively, to think creatively, and to solve problems. To ensure achievement, written and oral communication skills, listening skills, critical thinking skills, individual and cooperative learning strategies, research skills, and their application through hands-on activities are emphasized.

**Accelerated English II (E-1)**

**Prerequisite: 90 or above in prior English and Advanced score on MAAP**

**Grade Level: 10**

**Credit: 1**

**Accelerated English Courses Grades 9-10** will require much more literature to be read with an emphasis on breadth, depth, and writing to be produced with more complexity and sophistication.

**English III**

**Prerequisite: completion of English II**

**Grade Level: 11**

**Credit: 1**

This course is designed to further refine skills in reading, interpretation of literature, listening and speaking.

**AP ENGLISH III (E-2)**

**Prerequisite: 90 or above in English II, teacher recommendation, and exam fee**

**Grade Level: 11**

**Credit: 2**

Students will read and write to analyze the effectiveness of writing. Students will engage in using outside sources with their reading, writing, and research to become informed citizens with increased capacity to understand social issues and engage in meaningful discussions. Students will complete a variety of speaking and listening and writing activities to show understanding of texts and research.

**English IV**

**Prerequisite: completion of English III**

**Grade Level: 12**

**Credit: 1**

This course is designed to refine skills in reading, writing, listening, speaking, and interpretation of literature.

**Dual Credit English Composition 1 (E-2)**

**Prerequisite: 17 ACT sub score in English, 3.0 GPA, 14 credits, and fee**

**Grade Level: 11-12**

**Credit: 1**

This course is designed to prepare students for writing required in college and the workplace with emphasis on effective paragraph and essay development.

**Dual Credit English Composition 2 (E-2)**

**Prerequisite: DC English Comp 1, 3 or higher on AP Language and Comp test, 3.0 GPA, and fee**

**Grade Level: 12**

**Credit: 1**

This course focuses on the conventions of academic writing, and the purpose of this course is to help students write convincing, well-developed, and well-organized essays that synthesize, document, and respond to various literary works and incorporate multiple sources within a single essay.

**Print Journalism (Yearbook)**

**Prerequisite: application**

**Grade Level: 9-12**

**Credit: 2**

This course is designed to help students become scholastic journalists by producing one or more of the following publications: newspaper, newsmagazine, news website, yearbook, and/or literary magazine that informs or entertains a defined audience of school and community members of/with news in a timely manner.  Students will also be required to spend time at events off campus on evenings and weekends.  Additionally, monthly participation in community service efforts will be required.

**Oral Communications**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 1**

This course includes instruction in how to acquire, analyze, and evaluate information in order to make decisions and establish satisfying relationships. Skills in communication helps the student to think logically, clearly, and creatively.

**African American Writing**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This is a survey course that draws upon a compilation of genres, themes, styles, and language used by various writers of African American descent. The students will recognize and appreciate contributions of selected authors through reading, speaking, and viewing selected works and by researching and writing.

**Mississippi Writers**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course focuses on the state’s rich literary heritage through the study of poetry, fiction, nonfiction, and drama. The course identifies major sources and themes of the twentieth century and contemporary Mississippi writing. The students will recognize the contribution of MS writers, such as James Baldwin, William Faulkner, Richard Wright, Eudora Welty, and others, to recognize that MS writing is an expression of a place that achieves universality.

**MATHEMATICS**

**Foundations to Algebra**

**Prerequisite: 8th Grade Math and performance level**

**Grade Level: 9**

**Credit: 1**

This course is a steppingstone between 8th grade math and Algebra I. *This class is open only to* ***first time 9th graders*** *and may not be retaken*.

**Algebra I**

**Prerequisite: 85 in 8th Grade Math and performance level**

**Grade Level: 9-12**

**Credit: 1**

This coursefocuses on five critical areas: (1) analyzing and explaining the process of solving equations and inequalities; (2) learning function notation and developing the concepts of domain and range; (3) using regression techniques; (4) creating quadratic and exponential expressions; and (5) selecting from among these functions to model phenomena.

**Algebra 1 Accelerated (E-1)**

**Prerequisite: 90 in 8th Grade Math and performance level**

**Grade Level: 9**

**Credit: 1**

**Geometry**

**Prerequisite: Algebra 1 or Algebra 1 Acc.**

**Grade Level: 10-12**

**Credit: 1**

This course focuses on six critical areas: (1) building a thorough understanding of translations, reflections, and rotations; (2) developing the understanding of similarity and several theorems; (3) extension of formulas for 2-dimensional and 3-dimensional objects (4) extension of 8th grade geometric concepts of lines; (5) prove basic theorems about circles; and (6) work with experimental and theoretical probability.

**Geometry Accelerated (E-1)**

**Prerequisite: 85 or above in Algebra 1 or Algebra 1 Accelerated**

**Grade Level: 10**

**Credit: 1**

**Algebra 2**

**Prerequisite: Algebra 1 or Geometry**

**Grade Level: 10-12**

**Credit: 1**

**This course focuses on four critical areas 1) working extensively with polynomial operations, 2) building connections between geometry and trigonometry ratios, 3) understanding of a variety of function families, and 4) exploring statistical data.**

**Algebra 2 Accelerated (E-1)**

**Prerequisite: 85 or above in Geometry or Geometry Accelerated**

**Grade Level: 10-12**

**Credit: 1**

**Algebra 3 (E-2)**

**Prerequisite: Geometry and Algebra 2 (recommended 75 or above in Algebra 2)**

**Grade Level: 11-12**

**Credit: 1**

Topics of study include sequences and series, functions, and higher order polynomials. Polynomial functions provide the context for higher-order investigations.

**Calculus (E-2)**

**Prerequisite: Algebra 3**

**Grade Level: 11-12**

**Credit: 1**

This course is designed to prepare students for the Calculus AB Advanced Placement course. Topics include functions, limits, differentiation, and basic integration.

**Dual Credit Algebra (E-2)**

**Prerequisite: Two credits of HS Algebra, 19 sub score on math ACT, 3.0 GPA, 14 credits, fee**

**Grade Level:**

**Credit: 1**

This course focuses on linear and quadratic equations, graph of s and functions, system of equations, polynomial functions, and logarithmic functions.

**SREB Math**

**Prerequisite: Algebra 1, Geometry, and principal’s approval**

**Grade Level: 12**

**Credit: 1**

This course focuses on algebraic expressions, equations, measurement and proportional reasoning, linear functions, linear systems of equations, quadratic functions, exponential functions, and an optional module on summarizing and interpreting statistical data. *This class is open only to Seniors.*

**SCIENCE**

**Foundations to Biology**

**Prerequisite: 8th Grade Science and Teacher Recommendation**

**Grade Level: 9**

**Credit: 1**

This research and inquiry-based course is designed to give students the basic knowledge needed prior to attempting the rigorous Biology course required for graduation. This course is NOT a required prerequisite for Biology. However, if selected as a science elective, Foundations of Biology should not be taken after the successful completion of Biology. Concepts covered in this course include the history of biology and its impacts on society, the chemistry of life, organization and energy in living systems, the molecular basis of heredity, biological evolution, and ecological principals.

Topics covered include biochemistry, molecular and cellular biology, genetics, plant and animal tissues and taxonomy. Students can earn college credit through examination after taking the course.

**Biology**

**Prerequisite: 8th Grade Science with an 85 or above**

**Grade Level: 9-12**

**Credit: 1**

This is a laboratory-based course designed to build a life science foundation emphasizing patterns, processes, and interactions among organisms. Students are expected to master conceptual understandings based on both individual investigations and the investigations conducted by others.

**Biology Accelerated (E-1)**

**Prerequisite: 8th Grade Science 90 or above**

**Grade Level: 9**

**Credit: 1**

**Physical Science**

**Prerequisite: Algebra 1**

**Grade Level: 10-12**

**Credit: 1**

This course provides opportunities for students to develop and communicate a basic understanding of physics and chemistry through lab-based activities, integrated STEM activities, inquiry, suitable mathematical expressions, and concept exploration. The Physical Science course will prepare students for the transition to other science courses and to become informed citizens of a modern world that is constantly changing.

**Chemistry (E-1)**

**Prerequisite: Algebra 1 and currently enrolled in an upper level math course**

**Grade Level: 10-12**

**Credit: 1**

This laboratory-based course is designed to foster an understanding of the structure of matter and the properties linked to its structure. The laboratory component serves as a means for students to directly observe chemical changes and to test chemical series.

Emphasis is placed on improving problem solving skills.

**AP Biology**

**Prerequisite: 90 or above in Biology, Advanced score on MAAP, Instructor Approval, exam fee**

**Grade Level: 10-12**

**Credit: 1**

This is a preparatory course for students wishing to take the National Advanced Placement Examination in order to earn college credit. AP Biology includes the facts, principles, and the process of biology.

**Earth Science**

**Prerequisite: Biology**

**Grade Level: 10-12**

**Credit: 1**

This courseprovides opportunities for students to continue to develop and communicate a basic understanding of the Earth and its place in the universe through lab-based activities, integrated STEM activities, inquiry, mathematical expressions, and concept exploration. The Earth and space science course will help students apply scientific concepts in natural settings and guide them to become responsible stewards of Earth’s natural resources.

**Botany**

**Prerequisite: Biology**

**Grade Level: 10-12**

**Credit: .5 (In conjunction with Environmental Science)**

This is a laboratory-based course applying basic biological principles to the study of plants. Topics include morphological characteristics of each division and variation in their reproduction, physiology, taxonomy, evolution, and the interactions of human society and plants.

**Environmental Science**

**Prerequisite: Biology**

**Grade Level: 10-12**

**Credit: .5 (In conjunction with Botany)**

This laboratory/field-based course explores ways in which the environment shapes living communities. Human sustainability and environmental balance are emphasized.

**Marine Science (E-1)**

**Prerequisite: Biology**

**Grade Level: 11-12**

**Credit: .5 (In conjunction with Zoology)**

This is a laboratory-based course that investigates the biodiversity of saltwater and freshwater organisms, including their interactions with the physical and chemical environment. Science and engineering practices, cross-cutting concepts, nature of science, and technology are incorporated into the standards. Special emphasis relating to human impacts and career opportunities are integral components of this course.

**Zoology (In conjunction with Marine Science) E-1**

**Prerequisite: Biology**

**Grade Level: 11-12**

**Credit: .5**

This laboratory-based course surveys the nine major phyla of the Kingdom Animalia. Morphology, taxonomy, anatomy, and physiology are investigated. Comparative studies are addressed during laboratory observations and dissections. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course.

**Human Anatomy and Physiology (E-1)**

**Prerequisite: 85 or above in Biology**

**Grade Level: 11-12**

**Credit: 1**

This laboratory-based course that investigates the structures and functions of the human body. Core content emphasizes the structure and function of cells, tissues, and organs; organization of the human body and its biochemical composition; the skeletal, muscular, nervous, endocrine, digestive, respiratory, cardiovascular, integumentary, immune, urinary, and reproductive systems; and the impact of diseases on certain systems.

**Aerospace Studies**

**Prerequisite****: 85 or above in Biology**

**Grade Level: 11-12**

**Credit: 0.5**

The history of flight and propulsion systems. Also included are techniques of guidance and tracking.

**Astronomy**

**Prerequisite: 85 or above in Biology**

**Grade Level: 11-12**

**Credit: 0.5**

The history of Astronomy, the study of stars and planets, seasonal relationships of constellations to the earth, and celestial navigation.

**Health Care Science**

**Prerequisite: 85 or above in Biology**

**Grade Level: 11-12**

**Credit: 1.0**

This course provides the foundational knowledge and skills students need for careers in health care such as critical thinking, problem solving, leadership, informational literacy, and information management.

**Microbiology (E-1)**

**Prerequisite: 85 or above in Biology 1**

**Grade Level: 11-12**

**Credit: 0.5 (In conjunction with Genetics)**

This is a laboratory-based course that involves investigating microorganisms and the various roles they play in the living world. Topics explored in this class include identifying common microbes, culturing and staining microorganisms, exploring host-microbe relationships and disease processes, and researching microbiology used in industry. Laboratory work involving microscopic investigations and aseptic techniques are emphasized in this course as well as critical thinking, problem solving, and research.

**Genetics (E-1)**

**Prerequisite: 85 or above in Biology 1**

**Grade Level: 11-12**

**Credit: 0.5**

A laboratory-based course that will explore the principles of classical and molecular genetics including the relationship between traits and patterns of inheritance within organisms. Population genetics, genetic variations among individuals, and applications of modern advances in genetics will be investigated. Laboratory activities, research, the use of technology, and the effective communication of results through various methods are integral components of this course.

**Physics (E-2)**

**Prerequisite: Algebra 2 and enrolled in an upper level math course**

**Grade Level: 11-12**

**Credit: 1**

This course provides opportunities for students to develop and communicate an understanding of matter and energy through lab-based activities, integrated STEM activities, mathematical expressions, and concept exploration. Concepts covered in this course include kinematics, dynamics, energy, mechanical and electromagnetic waves, and electricity.

**Dual Credit Biology (E-2)**

**Prerequisite: 3.0 GPA, 14 credits, and fee**

**Grade Level: 11-12**

**Credit: 1**

This is a combined lecture and laboratory course for science majors that includes study of the scientific methods, chemistry relevant to biological systems, cell structure and function, cell processes including photosynthesis and cellular respiration, cell division, genetics, and molecular genetics.

**Dual Credit Chemistry (E-2)**

**Prerequisite: HS Chemistry or 19 ACT sub-score in math, DC Algebra, 3.0 GPA, 14 credits, fee**

**Grade Level: 12**

**Credit: 1**

Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

**SOCIAL STUDIES**

**MS Studies**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course provides students with basic information concerning MS history, state and local government, geographical aspects, and varied cultural expressions. It also emphasizes the need for loyalty, patriotism, and civic mindedness. The course is designed to improve the student’s ability to read and think critically and to gather information for recent statistics, maps, charts, and other illustrations.

**Intro to World Geography**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course studies the various regions of the world—its landforms, climate, resources, history, political and economic background, cultural development and its lifestyles. The aim of the course s to improve the students’ ability to read critically and to gather information from maps, charts, tables, graphs, diagrams, and other illustrations.

**World History**

**Prerequisite: MS Studies, Geography**

**Grade Level: 9-12**

**Credit: 1**

This course studies the value and the ideas inherited in history from 1750 AD to the present time. Students study the cause and effect relationships of mankind and how and why we have developed the great civilizations of the world today.

**American Democracy**

**Prerequisite: World History**

**Grade Level: 10**

**Credit: .5 (In conjunction with American Democracy)**

This course is designed to give students a greater awareness of the problems facing the United States today. The content of the course should focus on the arena of geography, politics, society, and science, and technology. The emphasis should be placed on analysis of issues, situations, and problems with the goal of fostering positive appreciation and desired resolution.

**Humanities**

**Prerequisite: World History**

**Grade Level: 10**

**Credit: .5 (In conjunction with American Democracy)**

This course traces the formation and development of ancient and classical civilizations selected by the teacher and students. The interrelationships of world political and social structures should include the studies of history, literature, art, music, dance, drama, architecture, science and technology, geography, and government

**U. S. Government**

**Prerequisite: World History**

**Grade Level: 11-12**

**Credit: .5**

This course begins with a comparison of the different political and economic systems in the world today. Other units include: the events involved in the creation and the adoption of the constitution of the U.S., the basic principles of the American constitutional system including checks and balances, popular sovereignty, separation of powers, judicial review and federalism, formal and informal amendments to the U.S. Constitution, the election process and the bill of rights, due process of law, and the Supreme Court of the United States.

**Economics**

**Prerequisite: World History**

**Grade Level: 11-12**

**Credit: .5**

This course provides students with concepts necessary to understand the United States’ economic system and its role in the global economy.

**U. S. History**

**Prerequisite: World History**

**Grade Level: 11**

**Credit: 1**

This course is history of the Republic from 1876. Students will become familiar with the common experiences that bring Americans together as well as the diverse experiences that make American life rich and varied. They will learn about the development of a national spirit and the preservation of local tradition. As they study the nation’s past, students will begin to better understand the challenges of the present and the major issues of the future.

**U. S. History AP (E-2)**

**Prerequisite: 90 in American Democracy/Humanities, teacher recommendation, and exam fee**

**Grade Level: 11**

**Credit: 2**

This course is designed to provide students with the academic skills and factual knowledge necessary to deal critically with the problems and materials in U. S. History. The program prepares students for intermediate and advanced college courses by making demands on them equivalent to those made by first year introductory college courses.

**Psychology**

**Prerequisite: none**

**Grade Level: 10-12**

**Credit: .5**

This course teaches theories on how behavior develops, including the influence of heredity and environment, the development of personality, sensation and perception, personality disorders and defense mechanisms, and the wholesome personality.

**Sociology**

**Prerequisite: none**

**Grade Level: 10-12**

**Credit: .5**

This course is the study of human beings and their interaction with society. Areas that will be stressed are socialization in adolescents, group interaction, social stratification, and the family and social problems, such as delinquency and crime.

**World Religions**

**Prerequisite: none**

**Grade Level: 10-12**

**Credit: .5**

In this course students consider the major teachings, beliefs and devotional practices of the world's religions. Students will examine important themes such as myths, rituals, scriptures, and paths of transformation throughout their course of study.

**Dual Credit World Civilization 1 & 2 (E-2)**

**Prerequisite: 3.0 GPA, 14 credits, and fee**

**Grade Level: 11-12**

**Credit: 1, 1**

This course explores different civilizations and globally interconnected systems around the globe in the period between the 13th and the 18th centuries, highlighting some essential features of what is often referred to as the early modern world. The course examines different themes that help promote a better understanding of how various historical forces shaped the courses of civilizational developments and global interconnections in the time period.

**Dual Credit Psychology (E-2)**

**Prerequisite: 3.0 GPA, 14 credits, and fee**

**Grade Level: 11-12**

**Credit: 1**

This course emphasizes learning, motivation, emotion, perception, psychological measurement, personality behavior disorders and physiological bases of behavior.

**Community Service Learning**

**Prerequisite: Teacher and principal recommendations**

**Grade Level: 12**

**Credit: 1**

This course is taught through citizenship, academic subjects, skills, and values. It involves active learning, which requires students to draw lessons from the experience performing service work. The three main components of community service learning are planning projects, performing services, and analyzing/reflecting experiences.

**BUSINESS AND TECHNOLOGY**

**STEM (Science Technology Engineering and Mathematics)**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 1**

Students will utilize and operate various computer, math, and engineering programs. The program is designed to introduce various technologies and their uses.

**Entrepreneurship**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 1**

This course is designed to equip students with introductory skills, which help prepare them to organize and run a business. Business terminology, basic entrepreneurship concepts, and fundamental operating principles are emphasized. Through this course, students develop marketing plans and apply global economic concepts. They will analyze supply and demand and understand how it affects price and profit. Finally, they will be exposed to ethical problems related to the workplace and discussion solutions for some of the problems.

**Marketing Essentials**

**Prerequisite: None**

**Grade Level: 9-12**

**Credit: 1**

This course introduces students to the concepts, analysis, and activities that comprise marketing management. Students will identify market opportunity, product development, promotion planning, pricing decisions, and channels of distribution.

**International Business**

**Prerequisite: None**

**Grade Level: 9-12**

**Credit: 1**

Focuses on international business issues such as international business relations through appropriate communication strategies, understanding global business environment, exploring basic concepts underlying international finance, management, marketing, and trade relations, cultural differences, and identifying forms of business ownership and international business opportunities.

**Graphic Design I**

**Prerequisite: None**

**Grade Level: 9-12**

**Credit: .5**

This course uses Adobe Photoshop CS6 Software and introduces photography and technology skills. The purpose is to enable students to develop skills of photography through digital medium. Students learn basic functions of a digital camera, digital image manipulation, and photography composition.

**Graphic Design II**

**Prerequisite: Graphic I**

**Grade Level: 9-12**

**Credit: .5**

This course discusses color theory and design layout, topography, layout design using Adobe CS6 Illustrator and InDesign Software.  **$5.00 lab fee.**

**LANGUAGES**

**Spanish I/French I**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 1**

This first level of the languages combines oral and written comprehension skills. Students are actively involved in a “hands-on” approach to all facets of communication. They are introduced to the varied geographic, political, and cultural aspects of those countries where the language is spoken.

**Spanish II/French II (E-1)**

**Prerequisite: Level I**

**Grade Level: 9-12**

**Credit: 1**

This course is a continuation of skills mastered at Level I and enhanced by activities designed to reinforce oral and written skills. Current media materials provide reinforcement of the examination of culture begun in Level 1.

**Spanish III/French III (E-2)**

**Prerequisite: Level II**

**Grade Level: 10-12**

**Credit: 1**

The third year of the language course incorporates the examination of history, culture, literature of Spanish and French speaking countries. Reading modern literary selection as well as a brief introduction to the literature of Cervantes is presented.

**AP Spanish III (E-2)**

**Prerequisite: Spanish III**

**Grade Level: 10-12**

**Credit: 1**

The third year of the language course incorporates the examination of history, culture, and literature of Spanish speaking countries. The program prepares students for intermediate and advanced college courses by making demands on them equivalent to those made by first year introductory college courses.

**FINE ARTS**

**Art I**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 1**

This introductory course will teach basic art skills and concepts through working with a wide range of different media. Students will complete both two and three-dimensional works of art while learning and applying the elements and principles of design. **There is a $15.00 art fee.**

**Art II**

**Prerequisite: Art I**

**Grade Level: 10-12**

**Credit: 1**

Students will build upon their skills learned in Art I. They will focus on drawing, painting, and some three-dimensional work of art using the elements and principles of design. **There is an $15.00 art fee.**

**Art III**

**Prerequisite: 75 or above in Art I and II**

**Grade Level: 10-12**

**Credit: 1**

This is a mixed media class which will focus on the creation and study of multiple medias including but not limited to sculpture, hand building clay, collage, photography, painting, printmaking, and textiles. Students will learn to apply their knowledge to productions, critical analysis, history and culture, aesthetics, and connections among the visual arts, other content areas, and everyday life. **There is an $15.00 art fee.**

**Art IV/AP Art Studio (AP ONLY E-2)**

**Prerequisite: 90 or above in Art I, II, and III and Teacher recommendation**

**Grade Level: 11-12**

**Credit: 1, 1**

This course is for art students who plan to attend college and will need to create a portfolio for scholarship purposes. Admission to Visual Arts Individual Study will be based on teacher approval after review of a portfolio of work and successfully meeting any other criteria required at the district level. Although students will work independently while being mentored by the teacher; the student will attend a regularly scheduled visual arts class. Students will be challenged beyond the basic foundations in art to find ways or solving problems within the realm of the elements and principles of design.

**Drawing I**

**Prerequisite: Art I**

**Grade Level: 10-12**

**Credit: .5**

This course emphasizes basic drawing techniques using a variety of black and white media to stress understanding of the element of value.

**Drawing II**

**Prerequisite: 75 or above in Drawing I**

**Grade Level: 10-12**

**Credit: .5**

This course involves more of a concentration on figure study and spatial relationships. **There is a $10.00 fee.**

**Ceramics 1**

**Prerequisite: Art I**

**Grade Level: 10-12**

**Credit: .5**

This is a beginning course in hand building. Students will begin to understand glazing techniques and a variety of low and high fire glazes and slips. **There is a $15.00 fee.**

**Ceramics 2**

**Prerequisite: Ceramics 1**

**Grade Level: 10-12**

**Credit: .5**

This program focuses on developing in-depth knowledge and skills in three-dimensional design with clay and/or other plastic media. Building on introductory level concepts and skills acquired in the prerequisite course, Ceramics 1, students continue to increase their knowledge of wheel thrown and hand-built production, critical analysis, history and culture, aesthetics, and connections among ceramic arts, other content areas, and everyday life. Work will be primarily limited to three-dimensional media, techniques, and processes.

**Drama 1**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 1**

This course introduces theater as a synthesis of all the arts and multilayered representation of life. Students will examine the correlation and development of theater history, structure, literature, acting, production, and criticism. Students will experience the stimulation of creative thinking, problem-solving, and goal setting by interpreting drama through improvisation, pantomime, mime, monologues, and acting out scenes from plays.

**Drama 2**

**Prerequisite: Drama 1**

**Grade Level: 10-12**

**Credit: 1**

This course offers students further exploration of the theatrical process as an art form. Students will have the opportunity to build on skills learned in Drama 1. Students will focus on designing, creating, producing, directing, critiquing, and performing published works as well as original material.

**General Music**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 1**

This course pursues music learning through a variety of means. It includes lecture, choral/or instrumental performance, cooperative learning group activities, interdisciplinary or thematic studies within the school, and use of technology applications to create, perform, or research music as an art form. This program of student may be used to develop curriculum that includes study of music appreciation, music literature, or music in relation to other arts disciplines.

**Choir**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 2**

This ensemble choral is for any student who want sot sing varied repertoire in an ensemble setting. The concert choir performs at multiple community events and performs at our Christmas concert in December. The teacher may choose to take this group on a trip if she feels they are ready. No previous singing experience is needed.

**Piano**

**Prerequisite: Interest in learning to read music and play the piano**

**Grade Level: 9-12**

**Credit: 1**

This course is for any student who wants to learn how to play the piano and read music.

**Marching Band/Concert Band**

**Prerequisite: Teacher selected**

**Grade Level: 9-12**

**Credit: 2**

**Marching Band** meets 1st and 2nd nine weeks in the Fall. The band performs at home and away football games, parades, and several marching competitions. After school rehearsals and summer camp attendance are required. **Concert Band** is an auditioned ensemble, which participates in local concerts and sight-reading festivals. Focus is on developing musicianship. Students are encouraged to participate in local honor bands.

**Percussion**

**Prerequisite: Teacher selected**

**Grade Level: 9-12**

**Credit: 2**

**Marching Percussion**: Battery and Front Ensemble. Placement auditions are held each Spring. **Indoor Percussion**: This performance class will focus on percussion techniques. Auditions will be held after marching season ends. **Students must be in Marching Band percussion to audition for Indoor Percussion Ensemble**. Ensemble competes in the local percussion circuit. Members also perform with Symphonic and Concert bands at festivals and Spring concert.

**Color Guard**

**Prerequisite: Teacher selected**

**Grade Level: 9-12**

**Credit: 1, 1**

**Color Guard**: Color guard members. Camp and auditions held each Spring

**Indoor Guard**: Indoor Guard is a class that can be taken after an audition.  Students will continue to develop techniques learned in

the Fall on flags, rifles, and sabers, in addition to more advanced dance techniques.  The Indoor Color Guard will compete locally and regionally.  Auditions will be held in the late fall for students interested.

**HEALTH, PE, JROTC, & OTHER ELECTIVES**

**College and Career Readiness (CCR)**

**Prerequisite: none**

**Grade Level: 11**

**Credit: 1**

In this junior only course, students will be exploring colleges and post-secondary schools. The students will also participate in exploring careers, researching applicable topics as part of a portfolio, writing resumes, and staying up to date on college and FAFSA updates. **This course is required for graduation.**

**Health**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course is the study of mental, physical, and social aspects of healthy living. Topics include personal hygiene, physical hygiene, physical fitness, diet and weight control, disease prevention (including the study of AIDS), drug abuse, safety, family relations, and an introduction in healthy careers. **This course is required for graduation.**

**Drug Education**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course is about the identification of drugs and their effects on the body. Recommended for juniors and seniors.

**Safety Education**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course includes hunter safety, boating safety, and general safety education. They will also learn about Prevent life/health threatening occurrences. Recommended for juniors and seniors.

**Child Development**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course develops skills related to physical, social, intellectual, and emotional development of the child. It includes instruction on considerations for parenthood, prenatal care, child growth and development, behavior management, needs of exceptional children, and career opportunities.

**Family Dynamics**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course develops skills related to personal, family, and parenting issues. It includes instruction in dimensions of adolescent development, family decisions and responsibilities, parenting decisions and responsibilities, and management of family systems today.

**Nutrition and Wellness**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course develops skills related to proper nutrition and the concept of overall wellness. It includes instruction in nutrition, exercise and diet, healthy food choices, meal preparation, and components for a healthy lifestyle. **There is a $10.00 fee.**

**Resource Management**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5**

This course addresses the identification and management of personal resources and family finances to meet the needs of individuals and families throughout the family life cycle, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors.

**ACT Prep**

**Prerequisite: none**

**Grade Level: 10-12**

**Credit: .5**

Students will learn strategies and tips to improve their score on the ACT test as well as improve their English, Math, Science, Reading and Writing skills. Research of scholarships, college information and careers will also be conducted. Students will take approximately 4 practice ACT tests during the 9 weeks course.

**Driver Education**

**Prerequisite: 16 years old by September 1st and a driver’s permit or license**

**Grade Level: 11-12**

**Credit: .5**

This is a basic course for any student driver who wants to improve his/her skills. The course consists of thirty hours of classroom instruction and six hours of actual behind the wheel driving with a qualified instructor. The State Department of Education recognizes the course. Also, most insurance companies recognize the benefits of driver education by reducing their automobile insurance premiums by as much as ten percent for those students who complete the course.

**JROTC 1, 2, 3, 4**

**Prerequisite: none and can be take every year**

**Grade Level: 9-12**

**Credit: 2**

This course is sponsored by the United States Army and Harrison County School District. A student does not incur any military obligation from participation in JROTC. The purpose of this program is to teach leadership and good citizenship. There is no cost to the student for uniforms or supplies. The JROTC program is stimulus for promoting graduation and it provides instruction and rewarding opportunities, which will benefit the student, community, and nation. This is a four-year program. **Section and rankings in JROTC will be assigned after courses have been filled.**

**Physical Education**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: .5, 1, 2**

Physical Education is delivered through sequential developmentally appropriate curriculum utilizing best instructional practices. A variety of student-centered activities are utilized to teach movement skills and concepts in a safe and positive environment.

**Weightlifting**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 2**

**Football, Baseball, Basketball (girls/boys), Softball**

**Prerequisite: none**

**Grade Level: 9-12**

**Credit: 2**

**Cheerleading, Soccer, Dance Team**

**Prerequisite: Coach selected**

**Grade Level: 9-12**

**Credit: 1**

**CAREER AND TECHNICAL**

**Automotive Service Technology 1 and 2**

**Prerequisite: C or above in last English and math courses; TABE reading level 8 or higher; application required**

**Grade Level: 10-12**

**Credit: 2**

The first year includes an introduction to shop operations, safety tools and equipment, internal combustion engines, cylinder and valve train, lubrication, cooling systems, automatic and manual drive train and axles, introduction to electrical/electronic information, terminology, system theory, battery systems, starting systems, charging systems, disc brakes, and antilock brakes. The second year features lighting systems, gauges, warning devices, driver information systems, horn system, wiper/washer system, accessories system diagnostic repair, fuel, air induction, exhaust systems; emission control system, engine service, suspension/steering theory, steering system inspection, front/rear end, readiness skills.

**Business Management 1 and 2**

**Prerequisite: C or higher in last English and math courses, TABE reading level 8**

**Grade Level: 10-12**

**Credit: 2**

This first-year course provides instruction in basic business skills and economic fundamentals, management, communications, finance, human relations, career development, ethics, and business etiquette. The second year includes instruction in employee supervision, management and labor relations, budgeting, scheduling and coordination, office systems operation, office records management, office facilities design and space management, business management data, public relations, and college & career readiness skills.

**Engineering and Robotics 1 and 2**

**Prerequisite: Prerequisite: C or higher in last English and math courses, TABE reading level 8**

**Grade Level: 10-12**

**Credit: 2**

Thisfirst-year course teaches the foundations and fundamentals of engineering and materials, design process, design planning, advanced concepts of 3-D sketching and modeling with CAD software. The second year focuses on electrical, fluid, mechanical, and thermal systems, flexible manufacturing systems, advanced robotic concepts, and college & career readiness skills.

**Health Sciences 1 and 2**

**Prerequisite: C or higher in last English and math courses, TABE reading level 8**

**Grade Level: 10-11**

**Credit: 2**

This course establishes insight in the healthcare field. Students will be exposed to the theory and applied tasks related to careers within health care, human growth and development, health informatics, information technology, therapeutic and rehabilitative services, medical and emergency services, mental health, pharmacological and nursing services, and college & career readiness skills.

**Marketing 1 and 2**

**Prerequisite: C or higher in last English and math courses, TABE reading level 8**

**Grade Level: 10-12**

**Credit: 2**

Thisfirst-year course provides instruction in basic business skills and knowledge related to economic fundamentals, management, communications, finance, human relations, career development, ethics, and business etiquette. The second year includes instruction in the principles of entrepreneurial economics, basic sales skills, the distribution channels for goods and services, supervised practical application experiences, and college & career readiness skills.

**Precision Machining 1 and 2**

**Prerequisite: C or higher in last English and math courses, TABE reading level 8**

**Grade Level: 10-12**

**Credit: 2**

This first-year course includes orientation and leadership, basic safety, math, measuring tools and instruments, blueprints, hand and power tools, lathe theory and operation milling, machine theory and operation, and grinding operations. The second year includes advanced precision machining techniques in lathing, vertical milling, computer numerical control (CNC), and college & career readiness skills.

**Teacher Academy 1 and 2**

**Prerequisite: C or higher in last English and math courses, TABE reading level 8**

**Grade Level: 10-11**

**Credit: 2**

This course provides foundational competencies related to students as learners, planning, teaching strategies, assessment, diverse learning, communication skills, history, theory, professionalism, and college & career readiness skills.

**Welding 1 and 2**

**Prerequisite: C or higher in last English and math courses, TABE reading level 8**

**Grade Level: 10-12**

**Credit: 2**

Thisfirst-year course focuses on the NCCER Learning Series Core, employability skills, safety, and basic tool knowledge, Shielded Metal Arc Welding, and Oxyfuel Cutting fundamentals. The second year focuses on blueprint and drawing symbols, Plasma Arc Cutting, Carbon Arc Cutting, Gas Metal Arc Welding, Flux Core Arc Welding, Gas Tungsten Arc Welding, advanced SMAW, and college & career readiness skills.

**Career Pathway Experience**

**Prerequisite: 16 years old by September 1st, transportation to work, application required**

**Grade Level: 11-12**

**Credit: 2**

This course is a combination of classroom study and on-the-job training. The purpose of the program is to improve the efficiency of students engaged in various vocational occupations. The students receive classroom instruction directly related to their work in the participating businesses. The employer supervises the trainee’s on-the-job activities. The students take academic participation and the work experience training as well as being paid for work by the businesses. Students must be sixteen years old before August 1 to be considered, provide their own transportation to the work experience, and admission is on a selection basis. Students may enroll in the Career Pathways Experience for two years and may earn 4 credits.

**Construction and Carpentry 1 and 2**

**Prerequisite: C or higher in last English and math courses, TABE reading level 8**

**Grade Level: 10-12**

**Credit: 2**

Thisfirst-year course introduces the field of construction, safety, tools, math, blueprint reading, basic carpentry, electrical, masonry, and plumbing skills. The second year emphasizes an overview of construction-related trades such as carpentry, electrical wiring, masonry, plumbing, and college & career readiness skills. Students can earn national credentials through NCCER.