AGRICULTURE SCIENCE

Livestock Production – is a classroom based course, which explains animal anatomy, physiology, genetics, reproduction, nutrition, pests and diseases, and management techniques. Animal species addressed in this course will include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats and poultry.
Credit: 1 Grade: 9-12

Small Animal Management – is a classroom based course which explains the anatomy, reproduction, nutrition, diseases and management techniques. Animal species addressed in this course will include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs and cats.
Credit: 1/2 Grade: 9-12

Equine Science - is a classroom-based course in which the student analyzes equine science as it relates to the nutrition, training, selection and management of horses.
Credit: 1/2 Grade: 9-12

Veterinary Medical Applications - is a classroom based course in which students develop skills in animal handling and restraint, surgical preparation, anatomy, physiology, medical terminology, infectious diseases, instrument and equipment identification, injection procedures, laws and ethics, and veterinary office procedures for small and large animal species.
Credit: 1 Grade: 9 – 12

Advanced Animal Science – is a classroom and laboratory/fieldwork based course in which students develop skills related to the livestock production industry. Offered in Grades 11 & 12 as a fourth year science in 4x4.
Credit: 1 Grade: 11- 12

Professional Standards in Agribusiness – is a classroom based course and primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.
Credit: ½ Grade: 9 - 12

Agribusiness Management and Marketing – is a classroom based course designed to provide a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, recordkeeping, finance, risk management, business law, marketing and careers in agribusiness
Credit: ½ Grade: 9 - 12

Mathematical Applications in Agriculture, Food and Natural Resources – is a classroom based course designed to apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food and natural resources.
Credit: 1 Grade: 9 - 12

Energy and Natural Resources Technology – is a classroom based course designed to explore the interdependency of the public and natural resource systems related to energy production. In addition, renewable, sustainable, and environmentally friendly practices will be explored.
Credit: ½ Grade: 9 - 12

Advanced Environmental Technology – is a classroom based course designed to allow for the application of science and technology to measure the impacts resulting from production agriculture through field and laboratory experiences.
Credit: 1 Grade: 11 - 12

Food Technology and Safety - is a classroom-based course designed to examine the food technology industry as it relates to food production, handling and safety.
Credit: 1/2 Grade: 9-12

Food Processing - is a classroom based course designed to focus on the food processing industry with special emphasis on the handling, processing, and marketing of food products.
Credit: 1 Grade: 9 – 12

Wildlife, Fisheries, and Ecology Management – is a classroom and laboratory/fieldwork course designed to examine the management of game and non-game wildlife species and fish and their ecological needs as it relates to current agricultural practices.
Credit: 1 Grade: 9 – 12

Range Ecology Management – is a classroom based course designed to develop students' understanding of rangeland ecosystems and sustainable forage production.
Credit: 1 Grade: 9 – 12

Forestry and Woodland Ecosystems – is a classroom and laboratory/fieldwork course designed to examine the management practices for forestry and woodlands and for the wildlife species that inhabit them.
Credit: 1 Grade: 9 – 12

Principles and Elements of Floral Design – is a classroom course designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises.
Credit: 1 Grade: 10– 12

Landscape Design and Turf Grass Management – is a classroom based course designed to develop the understanding of the landscape and turf grass management techniques and practices.
Credit: ½ Grade: 9 – 12

Horticulture Science – is a classroom based course designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.
Credit: 1 Grade: 9 – 12

Advanced Plant and Soil Science – is a classroom based course designed to develop an understanding of current plant and soil science as it relates to the food and fiber production.
Credit: 1 Grade: 11 – 12

Agricultural Mechanics and Metal Technologies – is a laboratory based course designed to develop and understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete and metal working techniques.
Credit: 1 Grade: 9 – 12

Agricultural Facilities Design and Fabrication – is a laboratory based course designed to develop knowledge and skills related to agricultural facilities design and fabrication.
Credit: 1 Grade: 9 – 12

Agricultural Power Systems – is a laboratory based course designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery.
Credit: 1 Grade: 9 – 12

Practicum in Agriculture, Food and Natural Resources – is a laboratory based course in which students will demonstrate knowledge and skills in the mechanized agricultural systems, demonstrate mechanized agriculture repair skills, demonstrate principles and practices relating to agricultural structures and demonstrate skills related to water management.
Credit: 2 – 3 Grade: 11 – 12
Prerequisite: Agricultural Mechanics and Metal Technologies

Principles for Agriculture, Food and Natural Resources – is a classroom based course which allows the students to develop knowledge and skills relating to career opportunities, personal development, the FFA, plant, soil and animal sciences relating to agriculture, food and natural resources.
Credit: 1 Grade: 8

Construction Technologies – A laboratory based course which allows the student to develop knowledge and skills related to home improvement, building construction and maintenance. Students acquire knowledge and skills in safety, tool usuage, building materials and framing.
Credit: 1 Grade: 9 - 12

Welding – is a laboratory based course which allows the student to develop knowledge and skills required for employment in metal technology systems.
Credit: 2 **Grade: 11 – 12**
Prerequisite: Agricultural Mechanics and Metal Technologies

Advanced Welding – is a laboratory based course which allows the student to develop advanced welding concepts and skills as they relate to personal and career development.
Credit: 2 **Grade: 12**

Facilities Design and Fabrication - is a laboratory based course in which students will demonstrate knowledge and skills related to agricultural facilities. Students acquire knowledge and skills in shop safety, tool usage, home improvement, building construction and maintenance, plumbing, electricity, masonry and framing.
Credit: 1 **Grade 9-12**

BUSINESS EDUCATION AND TECHNOLOGY APPLICATIONS

Accounting I - introduces students to accounting concepts, principles, and procedures. The course emphasizes the skills and knowledge necessary to conduct personal business or to further their education in the field of accounting.
Credit: 1 Grade: 11 - 12
Prerequisite: Money Matters

Business Information Management I - this class will cover areas such as operating systems, information management, spreadsheets, presentation software, telecommunications and the Internet, and desktop publishing. This course is part of the statewide articulation agreement and may be taken for college credit. This is a CATE class for the Business Ed/Computer Science student. We will work towards end-user certifications from Microsoft Corporation in the areas relating to the tools in the Microsoft Office Suite. Students will be required to take the MCAS exams for Office 2007 or 2010.
Credit: 1 Grade: 9-12

Business Information Management II - is a CATE class for the Business Ed/Computer Science student. We will work towards end-user certifications from Microsoft Corporation in the areas relating to the tools in the Microsoft office Suite. These certifications are industry recognized and are an asset both for student entering the workplace and for the student pursuing more education after high school at a vocational school, junior college or a 4-year university. We will be working with areas such as operating systems, information management, spreadsheets, presentation software, telecommunications and the Internet, and desktop publishing. Students will be required to take the MCAS exams for Office 2007.
Credit: 1 Grade: 10 - 12
Prerequisite: Business Information Management I

Computer Programming - students will acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students will apply technical skills to address business applications of emerging technologies.
Credit: 1/2 - 1
Prerequisite: Business Information Management I Grade: 10-12

Digital and Interactive Media - is a CATE course that teaches students to recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment. Students will work toward end-user certifications from Adobe Corporation as well as MCAS certifications from Microsoft. Students must supply a digital camera (not a cell phone camera) for this course. See Mrs. Duke for more information.
Credit: 1 Grade: 11 - 12
Prerequisite: Business Information Management I and Graphic Design

Desktop Publishing - combines the skills of electronic design, editing and production of a product using a variety of hardware and software tools. This project-based course focuses on real-world audiences as customers. Students will learn to use a collection of software tools and design techniques to create a variety of formatted products. Students enrolled in this course will be computer literate and have experience with the basic electronic productivity tools.
Credit: 1 Grade: 10 - 12
Prerequisite: Business Information Management I

Graphic Design & Illustration – this is a CATE class for the Business Ed/Computer Science student. Careers in graphic design and illustration span all aspects of the advertising and visual communication industries. Students will develop knowledge and skills needed for success in the Arts, Audio/Visual Technology and Communications career cluster as well as develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Students will work toward end-user certifications from Adobe Corporation. Student must supply a digital camera (not a cell phone camera) for this course. See Mrs. Duke for more information.
Credit: 1 Grade: 10 - 12
Prerequisite: Business Information Management I

Principles of Information Technology - Students will develop literacy skills to adapt to emerging technologies used in the global marketplace; implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment as well as enhance reading, writing, computing, communication and reasoning skills and apply them to the information technology environment.
Credit: 1/2 - 1 Grade- 9-12

Touch System Data Entry - is a CATE course where students apply technical skills to address business applications of emerging technologies. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment.
Credit: ½ - 1 Grade: 9 – 12

Web Technologies - students will learn to make informed decisions and apply the decisions to the field of information technology as well as implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology driven society as well as enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment.
Credit: 1/2 - 1
Prerequisite: Business Information Management I and Business Information Management 2 or Computer Programming Grade: 10-12

Animation- Careers in animation span all aspects of motion graphics. Students will be expected to develop an understanding of the history and techniques of the animation industry . Students will be developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and communications career cluster.
Prerequisite: DIM or Graphic Design
Grade:11-12

Money Matters-Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals based on those options. Students will determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.
Grade:11-12

Professional Communication - Students will be expected to develop and expand the ability to write, read, edit, speak, listen and apply software applications, manipulate computer graphics and conduct internet research. This course blends written, oral, and graphic communication in a career based environment. Careers in today's society require workers to be creative and have a strong background in computer technology applications, a strong academic foundation and a proficiency in professional oral and written communication.
Grade:11-12

Dollars and Sense- Dollars and Sense focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and preparation for human services careers. Students are encouraged to participate in career and technical student organizations and other leadership organizations.
Grade:9-12

Communications and Other Courses

Communication Applications - provides opportunities for students to apply and extend their communication skills to a variety of social and professional contexts, both in and out of the classroom. Effective communication skills, when mastered, enable today's youth to become productive members of America's workforce. This course is required for graduation.
Credit: 1/2 Grade: 9 - 12

Public Speaking I, II, III - provides the students with the concepts and skills to prepare and present public messages as well as analyze and evaluate the messages of others. Students will gain skills, in reading, writing, speaking, listening, and examine areas of organization, style, debate, memory, and delivery. They will participate in the democratic process. Also, this class is used to prepare UIL Prose/Poetry selections as well as Informative/Persuasive Speaking Files, and the UIL Current Events and Issues Test.
Credit: ½ - 1 Grade: 10 - 12
Prerequisite: Communication Applications

Journalism - engages students in the various forms of the journalistic writing styles. Focus is on the preparation and editing of written communication using news topics. Basic photography skills will also be covered. Students will be exposed to skills necessary for various journalism contests and competitions.
Credit: 1 Grade: 9 - 12
Prerequisite: Keyboarding or equivalent

Advanced Journalism: Newspaper I, II and III - continue to improve the various forms of journalistic writing, as well as preparation and editing of written communications using news topics. Focus is on Writing, Photography, Advertising, and Layout and Design skills. Students will continue to develop skills that will enable them to compete in various journalism contests and competitions.
Credit: 1 Grade: 10 - 12
Prerequisite: Journalism

Yearbook - involves planning a sales campaign, learning the essentials of layout design, writing copy, and cooperation with others to produce a record of the school year.
Credit: 1/2 - 1 (local credit) Grade: 11 - 12
Prerequisite: Teacher approval of completed application form; see teacher or counselor.

Model United Nations - is a locally developed course designed to allow students to participate in the Code VII Model United Nations program through Region VII at the high school level.
Credit: 1 (local credit) Grade: 9 - 12

SAT / ACT Prep -One semester course specifically designed for the purpose of standardized test preparation. Class size will be limited so that each student will receive as much 1 on 1 instruction possible: Course will also include some aptitude testing for those students who need direction and guidance. Scholarship applications, essay writing and general study skills will also be addressed.
Credit: ½ Grades 11-12

ENGLISH

English I - reviews the fundamentals of grammar, surveys major literary forms, and focuses on writing a variety of compositions. Material covered in this course will prepare the student for the TAKS Reading Test to be administered during the 9th grade year.
Credit: 1 Grade: 9

Honors English I - covers the regular curriculum at an accelerated pace, engages students in an intensive literary analysis program and introduces students to higher level thinking skills. Students read extensively and are required to participate in the summer reading program. Students must be approved by the English teacher at the end of 8th grade.
Credit: 1 Grade: 9
Prerequisite: must meet honors pre-requisites

English II - continues to increase and refine communication skills. Students practice all forms of writing and will read extensively in multiple genres from world literature. Material covered in this course will prepare the student for the TAKS English Language Arts test to be administered during the 10th grade year.
Credit: 1 Grade: 10
Prerequisite: English I

Honors English II - covers the regular curriculum at an accelerated pace. The course also continues both the literary analysis program and SAT preparation. Students continue to read extensively and are required to participate in the summer reading program.
Credit: 1 Grade: 10
Prerequisite: English I , must meet honors pre-requisites

English III - is a chronological study of American literature from its beginning to the present day. Composition stems from the literature, as well as personal experiences. Reinforcement of grammar and mechanics is given as student's writing reveals the need. Students are required to research and to write a term paper. Material covered in this course will prepare the student for the TAKS English Language Arts test to be administered during the 11th grade year. A passing grade on this test is a requirement for high school graduation.
Credit: 1 Grade: 11
Prerequisite: English II

Honors English III - this course is designed to foster the ability to write well in any context. It covers the regular English III curriculum at an accelerated pace, with a strong emphasis on the writing process. Compositions will stem from literature as well as personal experiences. Extensive reading is a requirement of the course, and selections will be primarily of American origin. Students are required to participate in the summer reading program. This course is recommended for students who intend to enroll in a dual credit English class or Honors English IV during their senior year. Interested students should request an application from the appropriate teacher and return it by the deadline indicated.
Credit: 1 Grade: 11
Prerequisite: English II, must meet honors pre-requisites

English IV - is a course which places emphasis on concepts and skills in literature, reading and composition. British literature will be the basis for improving reading comprehension skills and for the study of major writers and literary terms. Composition stresses logical organization and development of ideas, correct use of conventions of written language, proofreading the students' own work and incorporating proper language and structure.
Credit: 1 Grade: 12
Prerequisite: English III

Honors English IV - engages the student in the careful reading and critical analysis of quality literature, primarily of British origin. While reading and responding, students will consider the structure, style, and themes of literary works as well as smaller elements of writing such as figurative language, imagery, symbolism and tone. Additionally, the student will write numerous essays analyzing, interpreting and evaluating literary works. Interested students should request an application from their English teacher and return I by the deadline indicated.
Credit: 1 Grade: 12
Prerequisite: English III, must meet honors pre-requisites

FAMILY AND CONSUMER SCIENCE

Principles of Human Services – this laboratory course will enable students to investigate careers in the human services career cluster including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers. Students are encouraged to participate in extended learning experiences such as career and technical organizations and other leadership or extracurricular organizations.
Credit: ½ - 1 Grades: 9 – 12

Interpersonal Studies - this course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles and pursue careers related to counseling and mental health services. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.
Credit: ½ - 1 Grades: 10 – 12

Child Development - this technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children. Students are encouraged to participate in extended learning experiences such as organizations.
Credit: ½ - 1 Grades: 10 – 12

Lifetime Nutrition and Wellness – this laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.
Credit: ½ - 1 Grades: 10 – 12

Dollars and Sense – focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and preparation for human services careers. Students are encouraged to participate in career and technical student organizations and other leadership organizations.
Credit: ½ - 1 Grades: 10 – 12

Interior Design - is a technical course that addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Individuals use knowledge and skills related to interior and exterior environment, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry.
Credit: ½ - 1 Grades: 10 – 12

Advanced Interior Design - is a technical laboratory course that includes the knowledge of the principles, processes, technologies, and materials related to interior spatial design.
Credit: 1 – 2 Grades: 11 – 12

Fashion Marketing - is designed to provide students with knowledge of the various business functions in the fashion industry. Students in Fashion Marketing will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.
Credit: ½ - 1 Grades: 9 – 12

Child Guidance - this technical laboratory course addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, including those with special needs. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.
Credit: 1 – 2 Grades: 10 – 12

Family and Community Services – this laboratory-based course is designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and technical student organizations or other leadership of extracurricular organizations.
Credit: ½ - 1 Grades: 10 – 12

Practicum in Human Services – provides occupationally specific training and focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community service careers. Content for Practicum in Human Services is designed to meet the occupational preparation need and interests of students and should be based upon the knowledge and skills for communication, critical thinking, problem solving information technology, ethical and legal responsibilities, leadership teamwork, and entrepreneurship. Instruction may be delivered through school-based laboratory training or through work-based delivery arrangements such as mentoring and job shadowing. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.
Credit: 2 – 3 Grades: 11 - 12

Human Growth and Development Overview -This course is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.
Credit: 1 Recommended Prerequisite: Child Development, Child Guidance Grades: 10-12

Principles of Hospitality and Tourism – encompasses lodging, travel and tourism, recreation, amusements, attractions, resorts, restaurants and food beverage service. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry.
Credit: 1 Grade: 9 - 12

Travel and Tourism - Travel and Tourism Management incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions and resorts.
Credit: 1 Grade: 9-12

FINE ARTS

Applied Music I and II - this class provides the student with an opportunity to begin or continue playing a musical instrument. Students work individually and in small groups. Students **must** provide their own instruments. Class size is limited. Students will be expected to perform in Pep Band and Jazz Band as well as participate in all-region, solo & ensemble and related festivals.
Credit: 1 Grade: 9 - 12

Music Theory I and II - continues to refine the concepts of Applied Music. Students work individually and in small groups. Students **must** provide their own instruments.
Credit: 1 Grade: 11 - 12
Prerequisite: Applied Music I and II, teacher approval

Band I,II, III and IV -This class provides the student with an opportunity to begin or continue playing a musical instrument. Students will perform in Pep Band which includes basketball games and pep rallies. Students will have the opportunity to participate in all-region band, UIL solo and ensemble, jazz band and music festivals. Some instruments are provided by the school.
Credit: 1 Grade 9-12

Art I - will explore various artistic forms in an historical context while developing skills in perception, creative expression and critical evaluation. The principles of design and elements of composition will be employed in design, drawing, painting, and sculpture. Major artists and their styles will be studied. The course will include opportunities for students to develop skills in production of art for daily use such as mosaics, jewelry, pottery and crafts. No previous experience of artistic skill is required, but students who elect to take the course should be interested in art in its many forms.
Credit: 1 Grade: 9 – 12

Art II -This course will continue the exploration of artistic forms and styles and the development of skills in perception, creative expression and critical evaluation. The course will include opportunities for students to continue development in various genres (such as drawing and painting) as well as opportunities for independent studies and portfolio production.
Credit: 1 Prerequisite: Art I Grades 10-12

Choral Music I, II, III, IV - involves a study of higher-level choral music. Students will be taught the study of vocal techniques, choral techniques, music theory, sight singing methods, performance activities, music history and literature and creative self-expression. Students' ability to match pitches will be beneficial.
Credit: 1 Grade: 9 – 12

Musical Theatre I, II, III, IV - Musical theatre will expose students to a wide range of on-stage performance disciplines, including acting performance, vocal performance, and dance performance. The course will provide an atmosphere in which students benefit from a teaching and learning experience in these performance disciplines of musical theatre.
Credit: 1 Grade: 9 - 12

Theatre Arts I - incorporates an introduction to theater, the role of the actor in interpreting dramatic literature, performance theory and techniques, and an overview of the technical elements of theatrical production such as makeup, costuming and publicity. This course is the foundation for all other Theater courses, and it is recommended that it be taken before Theater Production I-IV and/or Technical Theater I-IV. This academic course requires regular class work as well as project and performance work.
Credits: 1 Grade: 9 - 12

Theatre Arts II, III and IV - continues the study of the historical evolution and cultural contributions of the theater, its plays and its performance and production styles. Students study basic components of production and apply them through performances in various historic styles and theatrical modes selected from mime, masked theater, dance drama, puppetry, and theater for children, musical theater, radio, television, and film.
Credits: 1 Grade: 10 - 12
(9 with instructor approval)

Note: All Theatre Arts courses involve the fundamentals and history of drama, acting, and all aspects of technical theater including set design, costume design, and lighting.

Technical Theatre I/II - combines theories of design and stagecraft techniques with construction and operation of the various technical theater elements including scenery, properties, lighting, sound, costumes, makeup, and public relations. Students who are artistically inclined, as well as students who are not, will benefit from this course. All students will design and build scenery, costumes, etc will using the creative process. Class size is limited.
Credit: 1 Grade: 10 - 12
Prerequisite: Theatre Arts I or Teacher approval

Theatre Production I-IV - provides experiences in acting and stagecraft through the preparation and public performances of plays. This curricular laboratory for the exploration, development, and synthesis of all elements of theater supplements the other theater courses. Students will audition, rehearse, perform in public, research and design, work on technical crews and recognize career opportunities.
Credit: 1 repeatable for up to 4 credits. Grade: 9 - 12
Prerequisite: Students must audition for this course. See teacher or counselor.

Theatre Rehearsal and Performance provides experiences in acting and stagecraft through the preparation and public performances of plays. This curricular laboratory for the exploration, development, and synthesis of all elements of theater supplements the other theater courses. Students will audition, rehearse, perform in public, research and design, work on technical crews and recognize career opportunities. Students will be required to stay after school or attend weekend rehearsals when scheduled. Generally after school rehearsals are scheduled on Monday – Thursdays in the weeks before public performances.
Credit: 1 repeatable for up to 4 credits. Grade: 9 - 12
Prerequisite: Theatre Production I -IV

FOREIGN LANGUAGE

Spanish I - is a beginning course, which includes basic skills in listening, speaking, reading, writing, and Spanish culture. Emphasis is on acquiring vocabulary.
Credit: 1 Grade: 9 - 12

Spanish II - reviews and builds on skills acquired in Spanish I. More speaking and listening practice is emphasized.
Credit: 1 Grade: 9 - 12
Prerequisite: Spanish I. must meet honors pre-requisites

Honors Spanish III - continues to build on skills acquired in Spanish II and I. The focus is on multiple verb tenses and their usage in spoken and written Spanish.
Credit: 1 Grade: 11 - 12
Prerequisite: Spanish II, must meet honors pre-requisites

Honors Spanish IV- continues to build on skills acquired in Spanish III. The focus is on multiple verb tenses and their usage in spoken and written Spanish.
Credit: 1 Grade: 11 - 12
Prerequisite: Spanish III, must meet honors pre-requisites

Special Topics in Language and Culture- This course helps students gain insight into other world languages and cultures. In this course, students will discover customs and traditions of countries other than their own. - Students will be enrolled into this class at Administrator designation.
Credit: 1
Prerequisite: Spanish 1 and Administrator Designation
Grade: 10 - 12

HEALTH, PHYSICAL EDUCATION, ATHLETICS and PERFORMING GROUPS

Health - is designed to give the student basic knowledge in personal hygiene, drug and alcohol abuse, tobacco, communicable diseases, and exercise. Health related concepts and skills involve interaction between individuals. Such concepts will foster personal health that affects the well being of society. In addition, emphasis is placed on current health trends and issues as they become apparent to the public. The development of social skills is included in this course of study. This course is a local requirement for high school graduation.
Credit: 1/2 Grade: 9 - 12

Physical Education - is designed to promote physical fitness and also instill basic skills in lifetime activities as well as team sports. The State requires 1 credit of PE for graduation. After students earn two state PE or PE equivalent credits, additional PE or PE equivalent credits may be taken for local credit.
Credit: 1/2 - 1 Grade: 9 - 12

Athletics - is for students who wish to participate in the following sports: track, cross- country, basketball, baseball, and softball. There are specific physical and behavioral requirements for each sport, and interested students must obtain approval from the coaches before enrolling in Athletics. Students must be prepared to practice after school hours, and keep up with class work and homework in all other classes. Athletics is counted as a PE equivalent. Students must be committed to fulfilling course requirements for the entire year.
Credit: 1/2 - 1 Grade: 9 - 12
Tennis and golf will continue as after school sports.

Cheerleading - students will be enrolled in the cheerleading class during the first and second semesters. Students are not allowed to sign up for this class. Enrollment for this class will be based on yearly tryouts. Selection will be rendered by a panel of judges.
Credit: 1/2 P.E. equivalent each semester Grade 9 - 12

Individual Performance Training – is designed to promote individual fitness pertaining to individual sports. (Ex: Cross Country, Swimming, Track, Tennis, Golf). The State requires 1 credit of PE for graduation. After students earn two state PE or PE equivalent credits, additional PE or PE equivalent credits may be taken for local credit.
Credit: 1/2 - 1 Grade: 9 - 12

MATHEMATICS

Algebra I - is the first required math class for all students. Topics include real numbers and their properties, graphing, factoring, polynomials, with a heavy emphasis on functions and their properties. The graphing calculator is used extensively to explore the behavior and properties of functions. Algebra I will enable the student to have a good understanding of all basic principles needed to succeed in higher-level mathematics.
Credit: 1 Grade: 8 - 9
Prerequisite: Grade 8 math (pre-algebra)

Honors Algebra I - will include a deeper and broader study of all topics covered in Algebra I, particularly with respect to the study of functions and their behaviors. Problem solving and critical thinking skills are emphasized as well. The graphing calculator is an integral part of the course and the student will become highly proficient in its use and applications.
Credit: 1 Grade: 8 - 9
Prerequisite: must meet honors pre-requisites

Geometry - is required for all students and is a preparation for college or vocational education. Concepts are developed using a variety of approaches including informal proof, coordinate geometry, transformations, and formal proof. The graphing calculator is used extensively to explore the behavior and properties of geometric figures, as well as in computations necessary to solve geometry problems. Connections to Algebra I are made throughout the course.
Credit: 1 Grade: 9 - 10
Prerequisite: Algebra I

Honors Geometry - will include a deeper and broader study of all topics covered in Geometry, with emphasis on analytical and algebraic applications as well as traditional Euclidean topics. The graphing calculator will be used extensively.
Credit: 1 Grade: 9 - 10
Prerequisite: must meet honors pre-requisites

Algebra II - is for students who wish to continue their study of mathematics and is a preparation for college and some vocational certificates and degrees. Algebra II is required for graduation under th4e Recommended High School Program, which qualifies students for the TEXAS Grant Program. Generally, Algebra I and Geometry are taken before Algebra II. Students planning to take Pre AP Pre-Calculus will be required to have a final grade of 80 in Algebra II.
Credit: I Grade: 10 - 11
Prerequisite: Algebra I

Honors Algebra II - this course will be taught with more depth and complexity than Algebra II. Problem solving will be covered in depth at each stage of the course.
Credit: 1 Grade: 10 - 12
Prerequisite: must meet honors pre-requisites

Honors Pre-Calculus - is for students with appropriate prerequisites and is an ideal fourth year math course for college bound students. Honors Pre-Calculus combines Trigonometry, Elementary Analysis, and Analytic Geometry to provide a foundation for AP Calculus and other advanced college mathematics. Material is covered in depth with focus on theoretical issues. The TI89 calculator is used extensively.
Credit: 1 Grade: 11 - 12
Prerequisite: must meet honors pre-requisites

Advanced Placement Calculus - is an advanced level math class focusing on the study of rates of change. College bound students interested in any math, science or business field should consider taking Calculus. The final grade in this class will be weighted when calculating the student's GPA. AP Calculus class can help prepare the student for the Advanced Placement Calculus AB exam given each year in May. Since this exam may earn college credit, the course requires college level work. Any student who enrolls in the course should be prepared to give the course the amount of time and effort such a course requires.
Credit: 1 Grade: 11 - 12
Prerequisite: Pre-Calculus with a grade of 85

Mathematical Models with Applications is an introduction to Algebra II, with introduction to a functional approach to solve real-world applications. The graphing calculator will be used extensively. Models from algebra, geometry, probability and statistics will be used to solve a wide variety of problems.
Credit: 1 Grade: 10 - 11
Prerequisite: Algebra 1 and Geometry

Quantitative Reasoning – is a capstone mathematics course that follows Algebra I, Geometry, and Algebra II. It builds on and extends what students have learned and covers other mathematics topics not typically taught in high school. The course does not remediate skills, but reinforces needed skills as students study new topics in relevant, engaging contexts. The student develops and applies skills used in college and careers, including reasoning, planning, and communication, to make decisions and solve problems in applied situations involving numerical reasoning, planning and communication.
Credit: 1 Grade: 11-12
Prerequisite: Algebra I, Geometry, and Algebra II

SCIENCE

Integrated Physics and Chemistry - is an introductory high school science course in which students conduct field and laboratory investigations, use scientific methods during investigation and make informed decisions using critical-thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy and matter. This course will satisfy a science requirement for the Minimum High School Plan and the Recommended High School Plan.
Credit: 1 Grade: 10

Biology - is a first year life science course in which students will conduce field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs, nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms, living systems; homeostasis; and ecosystems and the environment. Recommended for students in grades 9, 10 or 11.
Credit: 1 Grade: 9

Honors Biology - is a faster paced, more advanced first year biology course. A greater emphasis will be placed on laboratory research and technical writing skills. Outside reading assignments may be given.
Credit: 1 Grade: 9
Prerequisite: must meet honors pre-requisites

Chemistry - is a basic course in which students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include characteristics of matter; use of the periodic table; development of atomic theory and chemical bonding; chemical stoichiometry; gas laws; solution chemistry, thermo-chemistry and nuclear chemistry. Students will investigate how chemistry is an integral part of our daily lives. Recommended for students in grades 10, 11 or 12.
Credit: 1 Grade: 10-12
Prerequisites: Algebra I and Geometry

Honors Chemistry - is a faster paced, more advanced first year chemistry course. Certain topics will be covered at the college level. Students must be willing to do independent research and problem solve. Recommended for students in grades 10, 11 or 12.
Credit: 1 Grade: 10-12
Prerequisites: Algebra I and Geometry, must meet honors pre-requisites

Physics - is a basic course in which students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills. Recommended for students in grades 10, 11 or 12.
Credit: 1 Grade: 10-12
Prerequisites: Algebra I and Geometry

Honors Physics - is a faster paced, more in-depth inquiry into the laws of the physical universe. Emphasis is placed on problem solving skills, with advanced math (trigonometric) applications. Daily homework assignments are critical. Outside projects are required.
Credit: 1 Grade: 11 – 12
Prerequisites: Algebra I, Geometry, and Algebra II, must meet honors pre-requisites

Honors Earth and Space Science: - is a capstone course designed to build on student's prior scientific and academic knowledge and skills to develop understanding of the Earth System in space and time. Recommended for grades 12 as the fourth science in the 4X4 plan.
Credit: 1 Grade: 12
Prerequisite: Biology, Chemistry and Physics, must meet honors pre-requisites

Laboratory Management - is an individual course taught by one of the science teachers. The student will be expected to learn the safety rules associated with a high school science laboratory and keep a current inventory of all chemicals and supplies. The student will help prepare and take down high school science lab exercises, process glassware and mix chemical solutions. The student must have a sound knowledge of high school chemistry and biology. Student will report to all science teachers on a daily basis to receive instructions.
Credit: ½ (local credit) Grade: 11-12
Prerequisite: IPC, Biology, Chemistry and teacher approval. Enrollment is limited to 2 students per semester.

Human Anatomy and Physiology- Designated classes may be offered as Honors -Is a project and laboratory based course in which students will investigate the human body. Topics will range from molecular biology to body systems and processes. Laboratory study will include dissections and use of models. Designed for college preparation for biology and health career fields. Recommended for grade 12 as the fourth science in 4X4 plan.
Credit: 1 Prerequisite: Biology, Chemistry and Physics Grade: 12

Aquatic Science - Students study the interactions of biotic and abiotic components in aquatic environments including impacts on aquatic systems. Investigations and field work in this course may emphasize fresh water or marine aspects of aquatic science depending primarily upon the natural resources available to study near the school.

Credit: 1 Prerequisite: Biology and IPC or Biology and Chemistry or concurrent enrollment in Chemistry
Grades: 10, 11 or 12

SOCIAL STUDIES AND ECONOMICS

World Geography - is the study of the interaction of man and his environment through the study of past happenings and current developments around the world. Special emphasis is on the geographical processes, which affect interrelationships among nations, cultural diversity, and political and economic conditions.
Credit: 1 Grade: 9

World History - offers students an overview of the entire history of humankind. Traditional historical points of

reference in world history are identified as students analyze important events and issues in western civilization, as well as in civilization in other parts of the world.
Credit: 1 Grade: 10

United States History - covers the period of time from the Reconstruction Period to the present. Historical content focuses on the political, economic, and social events and issues related to industrialization, major wars, domestic and foreign policies and reform movements.
Credit: 1 Grade: 11

Honors United States History -This class is a faster paced, more in depth inquiry into the period of time from the Reconstruction Period to the present. Historical content focuses on the political and economic social events and issues related to industrialization, major wars, domestic and foreign policies and reform movement. This class will involve outside readings.
Credit: 1 Prerequisite: must meet honors pre-requisites Grade: 11

United States Government - examines the history and workings of the United States government, state and local governments with emphasis on citizenship. This course will be paired with Economics.
Credit: 1/2 Grade: 12

Economics - is a study of the basic principles of production, distribution, and consumption of wealth and income; free enterprise. This course will be paired with U.S. Government.
Credit: 1/2 Grade: 12

Honors United States Government - This class is a faster paced, more in depth inquiry into the history and workings of the United States government, state and local governments with emphasis on citizenship. This course will be paired with Economics.
Credit: 1/2 Grade: 12
Prerequisite: must meet honors pre-requisites

Honors Economics - This class is a faster paced, more in depth inquiry into the study of the basic principles of production, distribution, and consumption of wealth and income; free enterprise. This course will be paired with U.S. Government.
Credit: 1/2 Grade: 12
Prerequisite: must meet honors pre-requisites