

Slaton High School Tigers and Tigerettes



Course Offering Guide 2011-2012

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ENGLISH LANGUAGE ARTS

The English Language Arts program gives students intensive study in the writing process, correct usage and mechanics, literature, reading comprehension, vocabulary, thinking skills, and research skills. Students study their heritage in world, American, and British Literature.

It is highly recommended that all English courses are taken in sequential order; however, exceptions shall be made in order to meet the State mandated requirements. Students will only be permitted to take two courses concurrently upon the principal and the counselor's discretion. If a student fails to receive credit in an English course, he/she should consider gaining that credit through summer school, credit by exam, or correspondence courses.

Four credits are required for graduation.

English I (9th)

1 Credit

Course Description: Students will receive intensive study in reading, writing, grammar, library usage, Internet usage, and critical thinking leading to the ability to analyze, synthesize, and apply to their studies original concepts and conclusions based on accumulated facts. Using written reports, oral reports, and multimedia presentations, students will learn to communicate in formal speech, technical speech, and informal speech using analytical and critical thinking. The total course of study will involve frequent homework and is designed to prepare students for college and for successful communication in the future business world according to TEKS categories of Subchapter C, 110.41 & 42, 1-21. Students will also receive intensive vocabulary studies and instruction in test taking strategies for standardized tests.

English I Pre-AP (9th)

Pre-requisite: Teacher recommendation and have an 85 or above average in English.

1 Credit

Course Description: English I Pre-AP begins preparing students for the Advanced Placement exams which will be given in the junior and senior years. Pre AP English I consists of reading and writing about literature from all genres and using the English language effectively in writing, class discussions, and oral reports. Grammar and mechanics are given appropriate review necessary for correct writing. This class requires extensive outside reading, including summer reading.

English II (10th)

1 Credit

Course Description: Students enrolled in English II will continue to receive intensive study in reading, writing, grammar, library usage, Internet usage, and critical thinking leading to the ability to analyze, synthesize, and apply to their studies original concepts and conclusions based on accumulated facts. Students will plan; draft and complete written compositions on a regular basis related to classroom assignments and will receive instruction in the grammar skills necessary for

correct communication according to the audience addressed. Using written reports, oral reports, and multimedia presentations, students will learn to communicate formal speech, technical speech, and informal speech using analytical thinking. The total course of study will involve frequent homework and is designed to prepare students for college and for successful communication in the future business world. Students will also receive intensive vocabulary studies and instruction in test taking strategies for standardized tests.

English II Pre-AP (10th)

Pre-requisite: English I Pre-AP, teacher recommendation, 85 or above average.

1 Credit

Course Description: English II Pre-AP prepares students for the Advanced Placement exams which will be given in the junior year. Pre-AP English II continues the sequence by reading and writing about literature from genres in world literature and by using the English language effectively in writing, class discussions, oral reports, and group presentations. Grammar and mechanics are given appropriate review necessary for correct writing. This course requires extensive outside reading, including summer reading. Students will receive intensive vocabulary studies.

English III (11th)

1 Credit

Course Description: Students enrolled in English III will participate in a chronological study of American literature from the Colonial Period to the Modern Era. They will write essays that demonstrate prior analytical preparation, and they will prepare a research paper using scholarly procedures, which prepares them for a college career and for business research. They will continue to receive intensive study in reading, writing, grammar, library usage, Internet usage, and critical thinking leading to the ability to analyze, synthesize, and apply to their studies original concepts and conclusions based on accumulated facts. Students will plan, draft, and complete written compositions using clear writing skills on a regular basis related to classroom assignments and will be given to the form of writing necessary for successful completion of the reading and writing portions of state standard testing. Using written informal reports, oral reports, and multimedia presentations, students will learn to communicate in formal speech, technical speech, and informal speech using analytical and critical thinking. The total course of study will involve frequent homework and is designed to prepare students for college and for successful communication in the future business world. Students will also receive intensive vocabulary studies and instruction in test taking strategies for standardized tests.

English III Pre-AP (Language and Composition) (11th)

Pre-requisite: English II Pre-AP, teacher recommendation, 85 or above average.

1 Credit

Course Description: This full-year course is comparable to the first semester English course that is required for freshmen at all colleges and universities. Based on the College Board's course description, the course content engages college-bound students in becoming skilled leaders of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Emphasis

is writing and reading for depth, including weekly timed essays over the reading text. A research paper will be required. Extensive reading will also be required, including summer reading. Students will be expected to take the AP exam in May. AP courses will be offered dependent upon the availability of College Board trained instructors.

English IV (12th)

1 Credit

Course Description: Students enrolled in English IV will participate in a chronological study of British literature to the Modern Era. They will write essays that are analytical in nature. They will prepare a research paper using scholarly procedures necessary for success in college and in business research. They will demonstrate mastery of skills necessary for reading, writing, grammar, library usage, Internet usage, and critical thinking through analysis and synthesis. Students will plan, draft, and complete written compositions using clear writing skills on a regular basis and will demonstrate clear communication skills according to the audience addressed. Using written reports, oral reports, and multimedia presentations, students will demonstrate clear communication in formal speech, technical speech, and informal speech for college and business. Students will also receive intensive vocabulary, analogy studies, and instruction in test taking strategies for college entrance exams. The total course of study will involve frequent homework. This course is also available through Dual Credit ITV or Online for eligible students who meet the SPC (South Plains College) requirements.

English for Speakers of Other Languages I

1 Credit

Course Description: ESOL I is an English class for LEP immigrant students who speak English as a second language. It provides intensive practice in listening, speaking, reading, and writing English. Two years of ESOL can be used as two of the four credits required in English for graduation.

English for Speakers of Other Languages II

1 Credit

Course Description: ESOL is an English class for LEP immigrant students who speak English as a second language. It provides intensive practice in listening, speaking, reading, and writing English. Two years of ESOL can be used as two of the four credits required in English for graduation.

Communication Applications (9th - 12th)

.5 Credit

Course Description: This course is designed to develop effective communication skills. Students enrolled in Communication Applications will be expected to identify, analyze, develop and evaluate communications skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

Creative Writing (10th- 12th)

1 Credit

Course Description: The study of creative and imaginative writing allows high school students to develop versatility as a writer. Creative and Imaginative Writing, a rigorous composition course, to demonstrate skills in such forms of writing as essays, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of his/her own writing as well as the writing of others insures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers.

Journalism (10th- 12th)

1 Credit

Course Description: Students write in a variety of forms for a variety of audiences and purposes. Students enrolled in this course are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In Journalism, students are expected to write in a variety of forms and for a variety of audiences and purposes. Students will become analytical consumers of media and technology to enhance their communication skills. Writing, technology, visual, and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students enrolled in Journalism will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing.

MATHEMATICS

Algebra I (9th)

1 Credit

Course Description: This is a basic required course for the study of algebraic concepts. Students will model, analyze, and interpret problem situations using functions. Concrete, numerical, algorithmic, and graphical representation will be used to solve meaningful problems. The students are encouraged to think logically and systematically in problem solving. Homework will be assigned on a regular basis.

Geometry (9th-10th)

1 Credit

Course Description: This course is a basic requirement for all students. Foundation concepts and basic geometric tool, figures and their properties are studied. Geometric thinking and spatial reasoning are also important concepts in this course. The relationship between geometry, other mathematics, and other disciplines is studied. Students are encouraged to think logically and systematically in applying properties of figures. Homework will be assigned on a regular basis. It is strongly recommended that the student has successfully completed both semesters of Algebra I.

Geometry Pre-AP (9th-10th)

1 Credit

Course Description: This course is an advanced study of geometry for students who have a special interest in math. Subjects of study will be presented at an accelerated pace, and topics will be studied more in depth. Foundation concepts and basic geometric tools, figures and their properties are studied. Geometric thinking and spatial reasoning are also important concepts in this course. The relationship between geometry, other mathematics, and other disciplines is studied. Homework will be assigned on a regular basis.

Math Models with Application (11th)

1 Credit

Course Description: Students use algebraic, graphical, and geometric reasoning to recognize patterns and structures, to model information, and solve real-life applied problems involving money, data, chance, patterns, music, design, and science.

Students graduating with the Minimum graduation plan may substitute Algebra II with Math Models.

Students under the four by four plan may take Math Models as their fourth year of math; however, it must be taken **prior** to Algebra II.

Algebra II (11th - 12th)

1 Credit

Course Description: This is a required course for students graduating under the Recommended Graduation Plan. It is strongly recommended that the student has successfully passed previous mathematics. Foundation concepts and algebraic tools, function, equation, and their relationship are studied. Algebraic thinking and symbolic reasoning are also important concepts in this course. The relationship

between algebra and geometry is also analyzed. Homework will be assigned on a regular basis.

Algebra II Pre-AP (11th - 12th)

1 Credit

Course Description: This course is designed for students who show an advanced aptitude for mathematics. The regular content of Algebra II will be covered and extended in content and depth. Students will be taught at an accelerated pace. Foundation concepts and algebraic tools, functions, equations, and their relationships are studied. Algebraic thinking and symbolic reasoning are also important concepts of this course. The relationship between algebra and geometry is also analyzed. Students expecting to take AP classes in math should be enrolled in this class.

Pre-Calculus (11th-12th)

1 Credit

Course Description: This course is designed for college bound students. Pre-calculus extends the study of functions preparing students for Calculus. This course covers elementary analysis, trigonometry, and analytical geometry. In addition this course covers the nature of logarithms, exponentials, and all types of polynomial functions, as well as a study of geometric and arithmetic sequences and series. Pre-Calculus begins where Algebra II ends. Successful completion of both semesters of Algebra II is strongly recommended. Pre-Calculus is also offered as Dual Credit in conjunction with Analytical Geometry for eligible students who meet SPC (South Plains College) entrance requirements.

AP Calculus (12th)

1 Credit

Course Description: This course is designed for college bound students. An understanding of the principles of calculus is essential for many fields of study, including mathematics, the sciences, engineering, economics, sociology and psychology, statistics, computer programming and system analysis. The study of calculus is also inherently valuable. For example, calculus requires the use of all of a student's mathematical knowledge; thus, calculus students begin to see mathematics as a whole rather than just as individual segments. Also calculus students continuously use problem-solving skills, the development of which is a major focus of current mathematics programs across the nation. Calculus is a two-semester course for students who plan to attend a college, university or technical school. Students who have passed Pre-AP Algebra I, Pre-AP Algebra II, Pre-AP Geometry and Pre-AP Pre-Calculus have met the pre-requisites for this course. Students will be expected to take the AP exam in May. AP courses will be offered dependent upon the availability of College Board trained instructors.

Independent Study Math (College Algebra) (12th)

Course Description: Can be counted as high school and college credit. Students must meet college entrance requirements set forth by SPC (South Plains College).

SCIENCE

Integrated Physics and Chemistry (9th)

1 Credit

Course Description: This course is designed to give students a real world experience in the study of physics and chemistry. It combines the disciplines of physics and chemistry in the scientific study of motion, waves, energy, and matter. Investigations and scientific methods are used to learn about the natural world. Activities and discussions are to be centered on these concepts to allow students to be able to apply these ideas at home and in the workplace. Concepts will be developed at a level intended to support both the content of this course and preparations for state standard testing.

Biology (9th-10th)

1 Credit

Course Description: Biology is the study of the structure, growth, and function of the life systems of selected organisms. This study will encompass historical contributions to biological concepts, cell energy production, cell cycles, cell function, use in living systems, and the interrelatedness of organisms with their environment. Lab studies will include the plant and animal kingdom, tissues and lab use of microscopes and balances.

Biology Pre-AP (9th-10th)

1 Credit

Course Description: The objectives of this course are to help the students to see science as a process of inquiry as well as a body of knowledge, to learn the basic principles and facts of biology, and to acquire skills such as the manipulation of laboratory equipment, observation, record keeping, and critical data analysis. Course content includes cell anatomy and physiology of plants and animals; an introduction to cell division and genetics, and the concepts of specialization, adaptation, and evolution.

Chemistry (10th-11th)

1 Credit/Required for Recommended and DAP Graduation Plans

Pre-requisite: IPC, Biology and Algebra I

Course Description: This course is a lab-based basic chemistry for those interested in the health sciences. A basic knowledge of mathematics is needed. This course is strongly recommended for students who want to enter a health science career. Chemistry is the study of the composition and properties of matter and the changes matter undergoes. The students will investigate how chemistry is an integral part of our daily lives.

Physics (11th-12th)

1 Credit

Pre-requisite: One unit of high school science and completion of Algebra I and a concurrent enrollment in a second year of math.

Course Description: This is a lab based course in Physics with an emphasis on the

practical aspects of Physics in everyday life in addition to the problem solving process. Concepts to be covered include classical mechanics, heat, sound, light, electricity and magnetism. Students interested in careers in engineering and architecture are encouraged to take this course.

Anatomy and Physiology of Human Systems (12th)

1 Credit

Pre-requisite: Biology and Chemistry

Course Description: Anatomy and Physiology is a lab-based study of the structure and function of each human body system. The study begins with body terms and orientation and continues with cells, tissues, and organs that compose each of the body systems. Students learn environmental factors that affect the body and how the body maintains homeostasis.

This course is strongly recommended for students who want to enter the health science career.

This course does not fulfill the requirement for the Recommended or DAP Graduation Plan.

Environmental Systems (11th -12th)

1 Credit

Course Description: In the Environmental Systems course students study a variety of topics that include: biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

This course may be taken to fulfill the third year local requirement for the Minimum Graduation Plan.

Engineering Design and Problem Solving (11th -12th)

1 Credit

Instructor Approval Required

Pre-requisites: Geometry, Algebra II, Chemistry, and Physics.

Course Description: This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development. Students will also participate in Lego Robotics.

SOCIAL STUDIES

World Geography (9th)

1 Credit

Course Description: The course examines physical and cultural geographic setting. Political, social, and economic effects across nations are viewed through group research, independent reading and reports, video and power point development of lessons, map practice and development. All continents are studied in depth including ethnic diversity and conflict. All countries are introduced and researched including different religions. Reading and homework assignments will be given.

World Geography Pre-AP (9th)

1 Credit

Pre-requisite: Teacher recommendation and 85 or above average in previous social studies.

Course Description: The course emphasizes the interaction of man and environment from an enriched perspective. Strategies are designed to develop a knowledge base applicable to current environmental and cultural conditions affecting community as well as global situations. Interrelationships between nations, production and distribution of goods and services, uses and abuses of resources, urban analysis and population problems are analyzed. Students will be required to engage in extra reading or assignments and projects.

World History (10th)

1 Credit

Course Description: A survey course studying prehistoric to modern times involving people, the developmental periods, and cultural differences throughout history. Students will be required to develop presentations using class research, take extensive notes contributed during discussion, write essays, and take subjective exams. Reading assignments are required and homework will be assigned regularly.

World History Pre-AP (10th)

1 Credit

Pre-requisite: Teacher recommendation, 85 or above in World Geography Pre-AP

Course Description: A survey course examining major historical periods of ancient, medieval, and modern times. Opportunities to examine different cultures, personalities, patterns, power, structures, and changing historical events are provided. Major religions of the world, philosophy and events in politics, and economics are of major importance. Outside reading and research are required.

United States History (11th)

1 Credit

Course Description: U.S. History consists of reconstruction to modern history, the study of major events and contributing people, and determining how the Constitution influences American culture. Students will be required to take notes, do class research, and discuss readings, write essays, and take subjective exams. Extra reading assignments and assigned homework will be required.

United States History AP (11th)

1 Credit

Pre-requisite: World Geography Pre-AP, World History Pre-AP and 85 or above average in both.

Course Description: This is a survey course of United States History, beginning with colonial times and advancing through modern times. Philosophical and national movements, people, cultures, historical documents are interpreted, evaluated, and synthesized. Outside readings of college level material, multiple essays, and outside research writing are required. This class will follow the College Board curriculum criteria. Students will be expected to take the AP exam in May. **AP courses will be offered dependent upon the availability of College Board trained instructors.**

Government (12th)

.5 Credit

Course Description: Government involves applying the practices of citizenship, learning the Constitution with emphasis on the Bill of Rights, and participating in mock situation involving each of the three branches of government, developing research and writing essays.

This course is also available through Dual Credit ITV or Online for eligible students who meet SPC (South Plains College) requirements.

Economics (12th)

.5 Credit

Course Description: Economics involve active participation in microeconomics including business, consumerism, and government influence. Students will develop and understanding of supply and demand, develop group products and projects.

This course is also available through Dual Credit ITV or Online for eligible students who meet SPC (South Plains College) requirements.

Psychology (12th)

.5 Credit

Course Description: The course provides an overall view presenting the human mind as a series of adjustments represented theories by individuals from the ancient and modern time. Students identify problems in society, individual problems, and methods of analysis. This course is available through Dual Credit Online for eligible students who meet SPC (South Plains College) requirements.

Sociology (12th)

.5 Credit

Course Description: This course is a study of people as they interact within a social structure, the relationship of individuals and groups, and helpful emphasis on human development as a social entity. This course is available through Dual Credit Online for eligible students who meet SPC (South Plains College) requirements.

PHYSICAL EDUCATION

Physical Education/Foundations of Personal Fitness (9th -12th)

.5 Credit

Course Description: Foundations of Personal Fitness represents a new approach in physical education and the concept of personal fitness. The basic purpose of this course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The knowledge and skills taught in this course include teaching students about the process of becoming fit as well as achieving some degree of fitness within the class. The concept of wellness, or striving to reach optimal levels of health, is the corner stone of this course and is exemplified by one of the course objectives-students designing their own personal fitness program.

Individual/Team Sports (9th 12th)

.5 Credit

Course Description: This class provided the opportunity for students to gain confidence in individual lifetime sports. Students will be introduced to rules, strategies, and sport specific skills to enhance enjoyment of the sport. Students will participate in tennis, weight training/conditioning and the fundamentals and mechanics of golf. Students will participate in other individual and team sports throughout the course.

Adventure/Outdoor Education (9th-12th)

.5 Credit

Course Description: Student will acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. Students will exhibit a physically active lifestyle and understand the relationship between physical activity and health throughout the lifespan. Students enrolled in adventure outdoor education are expected to develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Aerobic Activities (9th-12th)

.5 Credit

Course Description: Students in aerobic activities are exposed to a variety of activities that promote health-related fitness. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation.

ATHLETICS

Football

.5 Credit

Course Description: Football at SHS is for students 9-12 and the student has to have the approval of the head coach. Off-season football consists of lifting weights, running, and agility drills for bodybuilding. All football players are expected to be in good academic standing with conduct that projects a positive image of our school and football program.

Boys' Basketball

.5 Credit (if not enrolled in an athletics period)

Course Description: This extracurricular activity is for boys 9-12 in good academic standing and who are ready to commit to a team oriented coaching system. All players will be expected to conduct themselves in a disciplined and controlled manner at all times. Final cuts for teams will be conducted following the football season each school year. Contact one of the basketball coaches if interested in this sport.

Boys Track

.5 Credit (if not enrolled in an athletics period)

Course Description: Boys track is for students in grade 9-12 who want to learn track and field skills and participate in UIL track and field meets. Contact one of the coaches if interested in this sport.

Power lifting

.5 Credit (if not enrolled in an athletics period)

Course Description: Power lifting is available for students in grades 9-12. Please contact the power lifting coach if interested in participating in this sport.

Girls' Basketball

.5 Credit

Course Description: Girls' basketball is available for students in grades 9-12. Please contact the girls' basketball coach if interested in playing.

Girls' Softball

.5 Credit (if not enrolled in an athletics period)

Course Description: Girls' softball is open to students in grades 9-12. Please contact the girls' softball coach if interested in playing.

Girls' Track

.5 Credit (if not enrolled in an athletics period)

Course Description: Girls' track is open to students in grade 9-12 who want to learn track and field skills and participate in UIL track and field meets. Contact one of the coaches if interested in this sport.

FOREIGN LANGUAGES

Spanish I (9th-12th)

1 Credit

Course Description: Beginning Spanish students learn enough present tense Spanish to communicate in basic conversation. In addition, they study the countries where Spanish is spoken, with an emphasis on geography and culture. Spanish literature and history are introduced through the use of videotapes and simple readings.

Spanish II (9th-12th)

1 Credit

Course Description: Second year Spanish students learn enough Spanish to communicate with more sophisticated grammar and vocabulary. They continue a more in depth study of Spanish art, history, cuisine, and geography.

Spanish III (10th-12th)

1 Credit

Course Description: The Advanced Placement exam is administered in May of a student's fourth year of Spanish. Third-year students continue to learn grammar and vocabulary. The emphasis is on building fluency by discussing a wide range of topics in context, including the culture of the Spanish-speaking world and its literature. Students express themselves orally and in writing with increased fluency and sophistication. Preparation for the AP exam will include a short novel to be read and discussed at length, plus extensive writing and a research project. Purchase of an English/Spanish dictionary may be required.

Spanish IV AP/Language and Composition (11th - 12th)

1 Credit

Pre-requisite: Teacher recommendation and 85 or above average

Course Description: The Advanced Placement exam is administered in May of a student's fourth year of Spanish. Spanish IV follows the College Board AP guidelines and focuses on the mastery of listening, speaking, reading and writing skills with emphasis on advanced conversation and composition. Students use college level texts and authentic reading materials including literature and periodicals. Students will read a novel and write a research paper on an approved topic. Outside reading will be required. Students will be expected to take the AP exam in May. **AP courses will be offered dependent upon the availability of College Board trained instructors.** Students who wish to graduate with the Recommended Graduation Plan must have 2 years of the same Foreign Language. Students who wish to graduate with the Distinguished Achievement Program must have 3 years of the same Foreign Language.

FINE ARTS

There will be a \$10.00 fee for supplies in all Art classes.

Art I (9th-12th grade)

1 Credit

Course Description: This class includes development of two-dimensional projects using pencils, markers, pastels, crayons, water-based paint, and printmaking techniques and interpretation and evaluation of the student's own artworks and those of others. Using elements and principles of design, students analyze effects on daily life. Investigation of selected historical periods and style from many cultures is included as well as the investigation of career opportunities available to persons who become highly skilled in art and design.

Art II-Painting (10th-12th)

1 Credit

Pre-requisite: Art I

Course Description: Students use a sketchbook for visual notation and planning original paintings. Students create original paintings with various techniques and media and investigate color schemes using inks, watercolors, acrylics, oils, and mixed media. Students develop interests and themes using technique, format, media and style. Class includes analyzing paintings in the planning stage, in progress, and upon completion.

Art II-Ceramics (10th -12th)

1 Credit

Pre-requisite: Art I Ceramics

Course Description: This course introduces students to art through the use of clay. Students construct original ceramic pieces through basic construction methods. Students learn various glazing and staining processes for surface design. Students view reproduction prints, videos, periodical books, and original works in museums, galleries, or on the Internet to investigate historical periods. Students maintain a sketchbook, critique their work and analyze and compare design trends.

Art III-Painting (11th -12th)

1 Credit

Pre-requisite: Art II Painting

Course Description: Students identify sources for their works by examining physical, emotional, social, and political environments. Ideas will be recorded in a sketchbook for use in the studio. Students create original paintings using various techniques and media and will experiment with color while exploring the intimacy of small works and the demands of large pieces. Students will independently investigate a period, style, or movement in art and identify cultural, historical, and political influences. A portfolio could be prepared for documentation, competition, entrance into post-secondary education, or scholarship application.

Art III-Ceramics (11th -12th)

1 Credit

Pre-requisite: Art II Ceramics

Course Description: Students incorporate wheel-thrown methods and combine construction methods, and experiment with the addition of other materials into their work for functional and non functional pieces. Students study historical periods and other cultures to identify the types of ceramics produced. Students will keep a sketchbook or journal of ideas and documentation of pieces throughout the process and will draw the finished pieces.

Art IV-Painting (12th)

1 Credit

Pre-requisite: Art III Painting

Course Description: Students develop themes and individual styles in personal artworks. Students will create original paintings in their own styles developing themes ranging from objective to nonobjective images. Students investigate setting up their own studios and marketing their own work. Students design and install solo and group senior exhibits.

Art IV-Ceramics (12th)

1 Credit

Pre-requisite: Art III Ceramics

Course Description: Students develop themes for their clay work. They record ideas, research, work with glazes, and document their work, through the use of sketchbooks and journals. Students incorporate a variety of design methods and firing methods, with a combination of construction methods into their work. Students are required to exhibit their work at the end of the term.

AP Studio Art (12th)

1 Credit

Pre-requisite: 3 years of Art, application required and instructor approval

Course Description: This course is for exceptional students who are capable of working at an accelerated pace. Students may work on a personal portfolio to be examined at the state level for possible college credit and opportunities for scholarships. Only serious students will be considered for this self-paced class that will allow students to pursue areas of interest in all media and develop areas of talent resulting in a 40-piece portfolio in 2-D Design, 3-D Design, or Drawing.

Theatre I, II, III, IV (9th-12th)

1 Credit per year and sequenced annual participation

Course Description: Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Students increase their understanding of heritage and traditions through historical and cultural studies in theatre. Student response and evaluation promote thinking and further discriminating judgment, developing student who are appreciative and evaluative consumers of live theatre, film, television, and other technologies.

Choral Music I, II, III, IV (9th-12th)

1 Credit per year and sequenced annual participation

Course Description: This course curriculum includes vocal techniques, large ensemble singing techniques, performance techniques, sight singing, ear training, music history and appreciation, and basic music theory. This ensemble participates in UIL and other extracurricular activities which required each student to maintain their academic eligibility in order to participate. Students are required to attend and perform at scheduled choral department concerts as part of the curriculum mandated by the State of Texas.

Band I, II, III, IV (9th-12th)

1 Credit per year and sequenced annual participation

Course Description: The SHS band is a performance-oriented class with students expected to perform at football games, contests, and concerts. Attendance is required at all performances, practices, and summer band rehearsals. Band is an academic subject fulfilling the state requirements for Fine Arts in the school curriculum. Band can also be substituted for 1.5 credits of Physical Education mandated by the State.

Applied Music I, II (9th-12th)

1 Credit per year and sequenced annual participation.

Course Description: This course is a means of studying and experiencing music education. It fosters participation in musical expression. The course will enable students to understand the personal commitment required for students to sustain a meaningful, lifelong relationship with music.

Piano/Music Theory I (11th – 12th)

1 Credit

Course Description: A class for students who are interested in learning to play and perform on the piano/electric keyboard as well as grasp the basics of music theory. Offered as a “hands on” course, students are expected to work individually at achieving their own musical goals as well as work in group settings to achieve group goals. Students do not need to have their own piano/keyboard to participate in this class.

CAREER AND TECHNOLOGY EDUCATION COURSES



CAREER PREP

Career Preparation I – (12th)

3 Credits

Prerequisite: Students will work a minimum of 15 hours weekly.

Course Description: Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Job specific skilled training is provided by local training sponsors in areas compatible with identified career goals. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

Professional Communications (Speech Credit) – (9th -12th)

.5 Credit

Course Description: Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

FAMILY AND CONSUMER SCIENCES

Principles of Human Services (formerly PFD) - (9th -12th)

1 Credit

Course Description: (1) 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. (2) Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Lifetime Nutrition & Wellness (formerly FSN and FST) – (10th - 12th)

1 Credit

Prerequisite: Principles of Human Services

Course Description: (1) 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.(2) Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Fashion Design (formerly Apparel Design) (rotates every other year with Interior Design) (10th - 12th) 1 Credit

Prerequisite: Principles of Human Services

Course Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of fashion and the textile and apparel industries.

Interior Design (rotates every other year with Fashion Design) - (10th - 12th)

1 Credit

Prerequisite: Principles of Human Services

Course Description: 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 environments, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry.

Instructional Practices in Education & Training (formerly RST I) – (11th -12th) Tech Prep
1 - 2 Credits

Instructor Approval Required

Prerequisite: Principles of Human Services; Child Development

Course Description: Instructional Practices in Education and Training is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Practicum in Education & Training (formerly RST II) – 12th
2 Credits

Instructor Approval Required

Prerequisite: Instructional Practices in Education & Training

Course Description: Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

Dollars & Sense – (10th - 12th)
.5 Credit

Prerequisite: Principles of Human Services

Course Description: 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.

Interpersonal Studies (formerly IFL) – (10th - 12th)
.5 Credit

Prerequisite: Principles of Human Services

Course Description: (1) 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. (2) Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Child Development (combined: Child Development and Prep for Parenting) –
(10th - 12th) Tech Prep

1 Credit

Prerequisite: Principles of Human Services

Course Description: (1) 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.(2) Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Counseling and Mental Health – (10th - 12th)

1 Credit

Prerequisite: Principles of Human Services

Course Description: Students model the knowledge and skills necessary to pursue a counseling and mental health career through simulated environments. Students are expected to apply knowledge of ethical and legal responsibilities, limitations, and the implications of their actions. Professional integrity in counseling and mental health care is dependent on acceptance of ethical and legal responsibilities.

LAW ENFORCEMENT

Principles of Law, Public Safety - (10th - 12th)

.5 Credit

Course Description: Introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine roles and responsibilities of police courts, corrections private security, and protective agencies of fire and emergency services. The course provides students with an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

COSMETOLOGY

Introduction to Cosmetology – 10th

.5 Credit

Course Description: Students explore areas such as bacteriology, sterilization and sanitation, hair styling, manicuring, shampooing and the principles of hair cutting, hair styling, hair coloring, skin care, and facial makeup. The student researches careers in the personal care services industry. To prepare for success, students must have skills relative to this industry, as well as academic knowledge and skills. Students may begin to earn clock hours toward state licensing requirements. All students will be expected to pay \$40.00 within the 1st five days of school and an additional \$40.00 per month, *due the first day of each month, for permits, supplies and testing.* Payment will be accepted by money order or cash. Students who fail to meet their financial obligation will be removed from the program.

Cosmetology I – 11th

3 Credits/ 4 periods

Prerequisite: Intro to Cosmetology

Course Description: Students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included. All students will be expected to pay \$40.00 within the 1st five days of school and an additional \$40.00 per month, *due the first day of each month, for permits, supplies and testing.* Payment will be accepted by money order or cash. Students who fail to meet their financial obligation will be removed from the program.

Cosmetology II – 12th

3 Credits/ 4 Periods

Prerequisite: Cosmetology I

Course Description: Students review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students apply, combine, and justify knowledge and skills to a variety of settings and problems. All students will be expected to pay \$40.00 within the 1st five days of school and an additional \$40.00 per month, *due the first day of each month, for permits, supplies and testing.* Payment will be accepted by money order or cash. Students who fail to meet their financial obligation will be removed from the program.

HEALTH SCIENCE

Principles of Health Science – (9th-11th) Tech Prep
.5 Credit

Course Description: The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. Students will identify the employment opportunities, technology, and safety requirements of the field and are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment.

AGRICULTURE, FOOD, & NATURAL RESOURCES

Principles of Agriculture, Food, and Natural Resources (formerly Intro to Ag and Applied Ag Science) – (9th -12th)

1 Credit

Course Description: To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

Livestock Production (formerly Animal Science and Animal Prod.) -(10th - 12th)

.5 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

Small Animal Management (formerly Plant & Animal Production) – (10th - 12th)

.5 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. Suggested small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

Agricultural Mechanics and Metal Technologies (formerly Intro to Ag Mech; Metal Fab;

Home Maint.) -(10th - 12th) *Tech Prep*

1 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

Agricultural Facilities Design and Fabrication (formerly Ag Struc.; Ag Mech I, II) –

(11th-12th)1 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to agricultural power, structural and technical systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and technical skills in a variety of settings. This course is designed to develop an understanding of agricultural power systems, metal fabrication techniques, agricultural structures, electrical controls, and land and water management systems.

Range Ecology & Management – (10th - 12th)

.5 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in environmental and natural resource systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to environmental and natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course is designed to develop students' understanding of rangeland ecosystems and sustainable forage production.

Wildlife, Fisheries, & Ecology Management (formerly Wildlife) – (10th - 12th)

.5 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in natural resource systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills in a variety of settings. This course examines the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices

Professional Standards in Agribusiness - (10th - 12th)

.5 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in agribusiness systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to leadership development and the workplace, and develop knowledge and skills regarding agricultural career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.

Agribusiness Management & Marketing (formerly Ag Business Management) –
(10th - 12th)

.5 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in agribusiness systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to agribusiness marketing and management and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course is 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, record keeping, finance, risk management, business law, marketing, and careers in agribusiness.

Equine Science -(10th - 12th)

1 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Suggested animals which may be included in the course of study include, but are not limited to, horses, donkeys, and mules.

Automotive Technology (formerly Auto Head Start) - (11th-12th) Tech Prep

1 -2 Credits

Course Description: Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair and maintenance of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of operation of automotive vehicle systems and associated repair practices.

Food Technology & Safety – (rotates every other year with Food Processing) (10th - 12th)

1 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in value-added and food processing systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to value-added and food processing and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings. This course examines the food technology industry as it relates to food production, handling, and safety.

Food Processing (*rotates every other year with Food Technology & Safety*) -(11th – 12th)

1 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in food products and processing systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course focuses on the food processing industry with special emphasis on the handling, processing, and marketing of food products.

Horticulture Science -(10th - 12th)

.5 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.

Landscape Design & Turf Grass Management -(10th - 12th)

.5 Credit

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Course Description: To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of landscape and turf grass management techniques and practices.

Welding - (10th - 12th)

1 Credit

Course Description: Rapid advances in technology have created new career opportunities and demands in many industries. Welding provides the knowledge, skills, and technologies

required for employment in metal technology systems. Students develop knowledge and skills related to this system in order to apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.

Veterinary Medical Applications - (10th - 12th)

1 Credit

Course Description: Students will acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students will be given opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. Topics covered in this course include, but are not limited to, veterinary practices as they relate to both large and small animal species.

TECHNOLOGY EDUCATION

Business Information Management I (formerly BCIS I) - (9th -12th) Tech Prep

1 Credit

Course Description: Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Business Information Management II (formerly BCIS II) - (10th - 12th) Tech Prep (with non-Dual Credit)

1 Credit

Prerequisite: Business Information Management I

Course Description: Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

Business Information Management II Dual Credit (formerly BCIS II DC) – (10th - 12th)

1 Credit

Prerequisite: Business Information Management I

Course Description: Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

Digital and Interactive Media (formerly BIMM) – (10th - 12th) Tech Prep

1 Credit

Prerequisite: Business Information Management I

Course Description: Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students 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. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

Computer Programming (formerly Computer Programming I) – (10th - 12th) Tech Prep
1 Credit

Instructor Approval Required; Class Size Limited

Prerequisite: Business Information Management I

Course Description: Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students 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 apply technical skills to address business applications of emerging technologies.

Advanced Computer Programming – (11th -12th)
1 Credit

Instructor Approval Required; Class Size Limited

Prerequisite: Computer Programming

Course Description: Students expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

Graphic Design & Illustration - (10th - 12th)
1 Credit

Prerequisite: Business Information Management I

Course Description: Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

Web Technologies - (10th - 12th) Tech Prep
1 Credit

Prerequisite: Business Information Management I

Course Description: Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students will work with technologies like blogs, podcasts, vodcasts (video podcasting), and wikis. The class will focus on the use of these technologies in a business environment.

Audio/Video Production (formerly Video Technology)- (10th - 12th) Tech Prep
1 Credit

Prerequisite: Business Information Management I

Course Description: Careers in audio and video technology and film production span all aspects of the audio video communications industry. Within this context, in addition to

developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

Animation – (11th -12th)

1 Credit

Prerequisite: Graphic Design and Illustration or Art I

Course Description: Students will develop technical knowledge and skills needed for success in the Arts, A/V Tech, and Communications careers. Students will be expected to develop an understanding of the history and techniques of the animation industry.

Commercial Photography – (10th - 12th) *Tech Prep*

1 Credit

Instructor Approval Required; Class Size Limited

Prerequisite: Graphic Design and Illustration or Art I

Course Description: Students will develop knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster. Students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs. **Students in this course will be responsible for creating and marketing Slaton High School yearbook.**

FINANCE

Accounting I - (9th -12th) Tech Prep

1 Credit

Course Description: Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on the is knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

Accounting II - (10th - 12th) Tech Prep

1 Credit

Prerequisite: Accounting I

Course Description: Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making.

MISCELLANEOUS ELECTIVES

Driver Education and Traffic Safety (9th-12th)

.5 Credit

Course Description: Students will acquire the essential knowledge, skills, and experiences to perform reduced-risk driving practices in the total traffic environment. Students will be expected to master the following elements: applicable Texas traffic laws, rules, and procedures for opening and owning an automobile; benefits of occupant protection, use of a space management system; factors and behaviors that affect driver performance including alcohol and other drugs, and protecting Texas natural resources, including litter prevention. Course fee is \$225.00; students must be 15 by Sept. 15th for fall session or by May 1st for spring session.

Math and Reading Enrichment (9th-12th)

1 Credit Local

Course Description: This class is designed to improve study skills and to prepare students for the EOC tests. This course will be required for those students not meeting the state testing standards.

College Prep (12th)

1 Credit Local

Course Description: This course is designed for college-bound students wanting to improve their college entrance exam scores. Additionally, the course will explore a variety of topics related to being a college student in the hope of easing the transition from high school to college.

AVID – Advancement via Individual Determination (9th-11th)

1 Credit

Instructor Approval Required

Course Description: A college readiness system with a regularly scheduled elective class for students who are capable of a college preparatory path, but are not realizing their full potential academically. The ultimate goal is to move capable students into more rigorous coursework leading to four-year college enrollment and readiness.

TECH PREP COURSES

"Advances in technology have changed the workplace in a dramatic way. Students graduating from high school need highly technical skills to be competitive in the job market--and up to 85% of all jobs will require at least two years of education beyond high school." Tech Prep

Tech-Prep Programs prepare today's youth for high-demand technical careers by offering a focused, sequenced program of secondary and postsecondary study consisting of a four-year high school graduation plan, based on the Recommended High School Program, and a two-year associate of applied science degree plan.

Through an articulation agreement with South Plains, Slaton High School juniors and seniors will be able to earn college credit in the following courses:

Business Information Management I & II	Web Tech
Instructional Practices in Education & Training	Audio/Video Production
Ag Mechanics & Metal Tech	Digital and Interactive Media
Automotive Tech	Commercial Photography
Child Development	Computer Programming
Accounting I & II	Principles of Health Science

Students successfully completing the above courses with a grade of at least 80, with instructor approval of qualifying requirements which include attendance and college level work, will be awarded college credit from the above colleges upon completion of 12 hours of college credit in selected degree plans. Thus, students whose degree plan includes one of the Tech Prep courses will have already received credit for the course. Students enrolling in the above courses are in no way obligated to attend the specified colleges, but should they choose to do so after graduation, will receive credit for these courses taken while at SHS.

What are the benefits to students?

- Combines college preparation with technical skills learned in a coherent sequence of career and technology courses.
- High school is more interesting because students can relate school to a future career.
- College is more interesting because students take more advanced-level courses. Students can graduate from college AAS degree programs ahead of schedule.
- Advanced placement through articulation agreements saves time and money.
- Students have additional options for DAP measures.
- Many technical careers offer high paying, introductory level employment opportunities.
- Students have a marketable skill when they graduate from high school they can use while they complete an associate and/or baccalaureate degree and beyond.
- The courses offered under the Tech Prep Program also afford SHS students an opportunity to complete the courses necessary for Option II of the Recommended High School Program.

DUAL CREDIT COURSES and DISTANCE LEARNING

Through an agreement with South Plains College, Slaton High School students will be given an opportunity to earn both high school and college credit for the following courses through Interactive Television Broadcast or Online:

English IV
U.S. Government
Economics of the Free Enterprise System
Independent Study Math (*College Algebra*)
U.S. History
Psychology
Sociology

Additional courses may be available based on the broadcast times for the ITV courses.

Students must meet the following guidelines prior to enrolling for Dual Credit.

1. Take and pass the THEA or Accuplacer Test (or earn an exemption based on state standard testing, ACT or SAT) before registering for the course
2. Complete appropriate admission forms for SPC enrollment by deadlines set forth by SPC
3. Pay the tuition and fees by the deadline dates set forth by SPC

Unlike Tech Prep courses, these Dual Credit courses can be transferred to most colleges and universities as they become part of the student's college transcript. Students should check with perspective institutions to verify acceptance of Dual Credit. For more information concerning Tech Prep and Dual Credit, students may talk with the course instructors or with the school counselor.

As the name indicates, Dual Credit courses count for both high school and college credit. Although a grade of 60-69 is considered passing for college purposes, students must earn at least a 70 to receive high school credit for this course.

Students who wish to drop a Dual Credit course must follow the procedures and meet the deadlines as established by SPC. (See SPC website for deadlines). Students dropping U.S. History will not be permitted to get into the SHS History course because of the differences in the course, most especially the timeframe for teaching the essential elements of the course. Students who are taking U.S. Government would have an opportunity to take the course during the second semester at SHS if their schedule permits.

According to UIL policies, students taking Dual Credit courses are exempt from the - No pass, no play" standards of regular high school courses.

Eligibility Guidelines

Dual Credit and the TSI

A high school student is eligible to enroll in dual credit courses in the eleventh and/or twelfth grade if the student demonstrates college readiness by achieving the minimum passing standards on an assessment instrument approved by the Higher Education Coordinating Board or by demonstrating that he or she is exempt under the provisions of the Texas Success Initiative. Students are expected to meet the following requirements:

1. Meet testing requirements

Sophomore or Junior TAKS scores - ELA 2200 + 3 on the essay

ACT- English 19, Math 19, Composite 23

SAT – Verbal 500, Math 500, Combined 1070

If you are not TSI compliant with these scores you must take the Accuplacer.

Scores to pass: Reading = 78, Elementary Algebra = 75, Sentence Skills = 80 *,

Tx. Write Placer Essay = 5 *

*Sentence skills of at least 80 and an essay of 5 is required to pass. An essay of 6, 7, or 8 is automatically a passing score regardless of the sentence skill score.

2. Pay the fee for college credit

3. Complete the appropriate paperwork by the deadlines:

a. South Plains College Application (available online)

b. Dual Credit Application must have approval of principal

c. Submit SHS transcript and TSI status form (proof of having met testing standards)

4. Register for college courses online by deadline at <http://www.southplainscollege.edu>

5. Purchase required college textbooks.

ADVANCED PLACEMENT PROGRAM

WHAT IS THE ADVANCED PLACEMENT PROGRAM?

The AP Program, administered by the College Board of New York and taught at local high school, allows students to participate in a college level course and possibly earn college credit while still in high school. Secondary schools and colleges cooperate in this program to give students the opportunity to show mastery in college-level courses by taking the AP exam in May of each school year.

HOW DIFFICULT ARE AP COURSES?

Compared with regular high school course, AP courses are usually more demanding. Depending on the subject, you may read and write more, analyze material, synthesize ideas, solve problems, and evaluate. Most AP classes are comparable to sophisticated college courses, so they aren't easy, but they're not impossibly difficult either. The intellectual skills and interests you can develop in AP course critical reading, analyzing data sets, synthesizing evidence to develop new insight, etc. –will equip you for lifelong learning. Your investment in any AP course is sure to provide many returns.

WHY SHOULD I TAKE A MORE DIFFICULT COURSE AND RISK RECEIVING A LOWER GRADE?

The grade you receive may be as good as or better than the one you would have earned in an easier course because many schools weight the grades given in AP courses to compensate for the increased difficulty. Secondly, college officials know that all courses are not equal. Their evaluation of student grades focuses as much on the quality of the courses as on the grades received. Finally, an AP course gives you an opportunity to learn a subject in greater depth and helps you develop skills that will be critically important to successful study in college.

IN CALCULATING GPA AND CLASS RANK, HOW ARE PRE-AP AND ADVANCED PLACEMENT WEIGHTED?

Pre-Advanced Placement courses will be awarded ten extra points per year for the purpose of calculating grade point and class rank. Advanced Placement courses will receive twenty points per year for the purpose of calculating grade point and class rank. Students in AP Art IV will receive the additional credit only upon completion of their portfolio projects.

***Policy under review**

I'M NOT SURE I'M INTERESTED IN COLLEGE CREDIT OR ADVANCED PLACEMENT. WHY SHOULD I TAKE AN AP COURSE AND EXAM?

Taking an AP course provides you with extra learning opportunities. The course gives you the kind of background and preparation that will prove beneficial in your college courses, and an AP grade shows your college that you have learned college-level material and deserve credit and/or advanced placement for meeting that challenge.

CAN I TAKE THE AP EXAM IF I HAVEN'T TAKEN AN AP COURSE?

The College Board urges students to study the kinds of skills and subjects outlined in the Course Description for each subject, because they represent the basis for the AP examination. The best way to do so is in a year-long AP course in which the students and teachers focus on AP-level work. Some students, however, have taken strong courses and/or have studied in depth quite well on the AP exams.

I'M NOT SURE I AM READY FOR AN AP COURSE AND EXAM. WHAT DO I NEED TO SUCCEED?

You need to be willing and you need to be able. "Willing" means motivated to study and learn on the college level. If you are committed to participating actively in an AP class and doing the out-of-class assignments, you have met a major prerequisite for success. "Keeping up" is a basic practice for any college-level course. These courses move rapidly and cover a lot of ground. Successful students are those who keep up or, better, stay a little ahead of the required reading. You must be able to do the work. Your record in earlier courses is the most obvious indicator of that ability.

WHAT PRE-ADVANCED PLACEMENT COURSES ARE OFFERED AT SLATON HIGH SCHOOL?

- World Geography
- World History
- English I
- English II
- Geometry
- Algebra II
- Biology I

WHAT ADVANCED PLACEMENT COURSES ARE OFFERED AT SLATON HIGH SCHOOL?

- English III
- U.S. History
- Art IV
- Spanish IV
- Calculus

Slaton High School Mission Statement

The Mission of Slaton High School begins with goal to develop lifelong learners and to guarantee success through its excellent staff, excellent programs, and multicultural leaning environment in a unique small-town setting rich in traditions.

NOTICE OF NONDISCRIMINATION

Slaton Independent School District does not discriminate on the basis of race, religion, color, national origin, sex, or disability in providing education services, activities, and programs, including vocational programs, in accordance with Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Educational Amendments of 1972; Sections 504 of the Rehabilitation Act of 1973, as amended; and Title II of the Americans with Disabilities Act.

The following have been designated to coordinate compliance with these legal requirements: Mr. Jim Taliaferro, Superintendent of Schools and Ms. Shari Singleton, Title IX and Section 504 Coordinator, at 140 East Panhandle Street, Slaton, Texas, 79364, (806) 828-6591.