

2023-2024 SMHS Electives

AGRICULTURAL

***Ag Mechanics I #AHC AG155 (9-12)** Prepares students for employment in agricultural occupations including farm power, construction, machinery & equipment, welding and other areas.



***Advanced Ag Mechanics (10-12)** Designed to prepare students for employment or entrepreneurship in Ag Mechanics occupations. Units on forklift operation in addition to electricity, masonry and surveying.

***Ag Floral Design (10-12)** - Provides an introduction to artistic and creative perception including aesthetic valuing through a series of projects in various media including: plant, pencil, flowers, glass and a variety of papers.

***Advanced Floral Design (11-12)** This course builds on the knowledge learned in Ag Floral Design

***Ornamental Horticulture/ #AHC AG156 (9-12)** Students learn skills in ornamental and production plant growing and tending. Floral design, greenhouse structures etc.



Ag Welding/ #AHC AG106 (10-12) Mig, tig, arc, gas and plasma are types of welding processes learned in this introductory welding class.

***Ag Communication/Leadership (9-12)** Leadership, communication skills, and work ethics are major contributing factors in today's successful work force. This course is designed to instruct and train students to meet the necessary leadership and communication skills needed for a career in the agriculture industry

***Veterinary Science (11-12)** Upon completion of this course students will be academically and technologically proficient, having a basic understanding of veterinary science methods Students will be able to apply critical thinking and decision-making skills, analyze, synthesize and evaluate veterinary science information

BUSINESS

***Accounting & Finance (11-12)** Students will compare economic systems and analyze economic problems facing our society. Students will learn to analyze financial statements and develop personal investment portfolio using internet activities.

#AHC Business 101/ #Entrepreneurship 101 (10-12)

Multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices with the U.S. and a global society

***Integrated Marketing/Student Store (10-12)** Learn about products/services, pricing, promotions, business management and entrepreneurship. Gain work experience in operating and working in the Student Store

***Web Design (9-12)** Learn programming skills using HTML/JavaScript; create, design & maintain a website using Dreamweaver web editing software)

***Personal Finance (11-12)** Personal Finance is designed to help students gain essential knowledge and skills to make informed decisions about real work financial issues.

***Professional Business Communication (11-12)** Advanced office skills & composing letters, blogs job applications, newsletters and workplace & research documents including cloud computing.

***Writing Games for Social Change (9-12)** Intro to game/simulation development and creation through use of software, coding, literature, internet and other applications.

CAREER TECHNICAL EDUCATION- CTE

2 period classes, held off campus (transportation is provided)

#Metal Shop (11-12) The purpose of the Manufacturing and Forming is to prepare students for a variety of entry-level positions in a manufacturing environment. Learned skills may include ability to operate various CAD/CAM systems to interpret blueprints, material handling and quality control.

#Agricultural Farm (11-12) Students will gain the ability to design and implement basic farming techniques that can be used on either a small or medium-size farm during Fall-Winter and then Spring-Summer crop seasons. Students will develop fundamental management, business, cultivation, and harvesting techniques throughout this course.

Construction Program (11-12) The purpose of the Residential & Commercial Construction Program is to prepare students for: Employment within the construction field with knowledge of general practices within the construction industry, such as residential and commercial building.

#Culinary Program (11-12) The purpose of the culinary program is for students to apply culinary techniques, food science technology and nutritional science principles to the production of quality food. The program covers three AHC courses: AHC CA 119 Intro to the Hospitality Industry, AHC CA 124 Sanitation, Safety & Equipment, AHC CA 120 Principles of Foods 1

#Cyber Security (11-12) Provide students with knowledge of and laboratory experiences with current and emerging computer networking technology. Focus will be on LANs, WANs, OSI models, IP addressing, cabling, CompTIA Network+, and network standards; the theory behind the various kinds of network architectures and data transmission methods, and the use of decision-making and problem-solving techniques in applying science, mathematics, and communication concepts to solve networking problems.

Diesel Program (11-12) The purpose of the Diesel Program is to prepare students for a variety of entry-level positions involving medium/heavy duty diesel repair. Learned skills may include the ability to diagnose and repair diesel engines

ENGLISH

***Journalism 1 (9-12)** Develop knowledge & skills in writing news, editorials, sports, advertising & feature writing. Edit copy, use computers to prepare articles for publication.

FAMILY CONSUMER SCIENCE (HOME ECONOMICS)

***Apparel Construction/Design (9-12)** Provides instruction in garment construction involving fundamental sewing principles/techniques. Student becomes acquainted with use of sewing machine equipment.

***Fashion Design (11-12)** Principles/elements of 2& 3 dimensional design. Introduction to fashion merchandising and terminology used in fashion industry. Become familiar with prominent designers and recognize the impact of historical influences on the fashion industry. Students will create a portfolio of sketches, figures drawings and create their own fabric designs.

***Culinary Arts I (9-12)** Provide students with competencies needed in the areas of food & nutrition. Will develop goals and decision-making skills relating to basic concepts of nutrition.

***Culinary Arts II (10-12)** Designed to prepare students who are interested in pursuing a career in this area. Provides students opportunities for service-learning experiences such as job shadowing, student internships and operating a student-run business; thus, enabling them to transition from school to career.

***Relationships and Family Health (10-12)** Provide students with knowledge of preparation for relationships, family roles, personal development and all state required health topics, while becoming skillful in making decisions related to family living, and personal health. *Meets Health Requirement.

***Child Development (11-12)** Class focuses on skills needed to guide physical, emotional, and social development of children. Emphasis is given to the study of pregnancy and prenatal development, birth and the newborn, and the study of children from birth to age twelve.

INDUSTRIAL TECHNOLOGY DEPARTMENT

Automotive Fundamentals (9-12) Covers the entire modern automobile. Emphasis is placed on shop safety, tools, proper use of equipment and procedures.

Advanced Automotive (10-12) This course builds on the knowledge learned in Automotive Fundamentals.

***Foundations of Technology/ Engineering (10-12)** - This course is designed to prepare students for entry level employment as a draftsman/manufacturer or to continue with advanced training at the community college and college level. Areas of instruction include introduction of advanced drafting skills and computer knowledge/mechanics of CAD.

***Advanced Foundations of Technology/ Engineering (11-12)** This course builds on the knowledge learned in Foundations of Technology/Manufacturing.



SOCIAL SCIENCE

***Psychology (11-12)** Beginning with a study of perception, students explore the various psychological perspectives that attempt to explain human behavior.

***Chicano/Latino Studies (10-12)** Introduction to Mexican American/Latino History and Culture.

***Leadership/ASB (9-12)** Course is designed to give students the opportunity to learn the ways in which they can become successful leaders in their school and community.



VISUAL & PERFORMING ARTS

***Art 1 (9-12)** Art course in design and drawing taught as an introduction to visual arts. Focuses on the study of design-the language of art/learning the basics of visual and imaginative drawing.

***Intermediate Drawing (Art 2) (10-12)** Explores drawing and an introduction to painting. Focuses on the exploration of the artist as the center of expression/individual expression.

***Digital Art 1 (9-12)** For students who have shown interest in the field of fine arts and the use of digital imaging technology. Learn a variety of methods of expression by means of electronic (digital) equipment.

***Digital Art 2 (10-12)** This course builds on the knowledge learned in Digital Arts

Mariachi/Music of Mexico(9-12) Learning the history and theory of Mariachi Music to then apply to practicing and performing the music. Previous instrument/music knowledge is highly suggested but not required.

Beginning Marching/Symphony Band (9-12) Continuation of instrument knowledge from junior high school to further develop musicianship skills. Students participate in the Concert and Marching aspect of band and should already know how to play and read music.

Intermediate Marching/Wind Symphony Band (9-12) After previously taking Beginning Marching/Symphony Band, next level of music meant to learn new aspects and styles of music. Students participate in the Concert and Marching aspect of band and should already know how to play and read music.

Advanced Marching/Symphonic Wind Ensemble (9-12) Top level of music meant to challenge and expand musicianship skills. Students participate in the Concert and Marching aspect of band and should already know how to play and read music.

***Guitar (9-12)** Designed for the student with little or no guitar experience. Covers basic to intermediate playing skills, fundamentals and historical information on musicians and music styles.

***Intermediate Guitar (10-12)** This class builds on the knowledge built in Guitar

***Concert Choir (9-12)** Intermediate to advance level choir. It offers experienced singers the opportunity to perform concerts and off-campus choral festivals. Music theory is explored. Requires extra rehearsals.

***Photography 1 (9-12)** Students will study photographs from the entire range and history of the medium to use as starting points for their own creative work. A variety of photographic assignments will provide training and experience in the basic technical and artistic elements of black-and- white photography.

***Photography 2 (10-12)** Designed to assist students in developing an appreciation of photographic equipment and increasing their understanding of photographic processes.

***Publications (Yearbook) (10-12)** Course produces school yearbook focusing on journalistic writing, desktop publishing and advertisement sales.

* Meets A-G Requirements

AHC Concurrent Enrollment Class