

SMHS 2024-2025 Elective Offerings

10th Grade Registration

Elective Options			
Course	Description	Semester 1	Semester 2
Accounting & Finance	Learn to analyze, record, and interpret business transactions in the accounting cycle; learn about economic systems and develop a personal investment portfolio using Internet activities and accounting methods.	BU7035	BU7036
Adv. Integrated Ag Science (honors)	This integrated honors class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry.	AG2000	AG2001
Ag Communication /Leadership	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	AG6292	AG6293
Ag Mechanics/AHC AG 155	Prepares students for employment in agricultural occupations including farm power, construction, machinery & equipment, welding, and other areas.	AG6282	AG6384
Ag Mechanics (Advanced)*	This course builds on the knowledge learned in Ag Mechanics/AHC AG155	AG6680	AG6681
Ag Welding 1/AHC AG106	Mig, tig, arc, gas and plasma are types of welding processes learned in this introductory welding class.	AG6264	AG6389
Auto Fundamentals	Covers the entire modern automobile. Emphasis is placed on shop safety, tools, proper use of equipment and procedures.	IT6636	IT6637
Auto Fundamentals (Advanced)*	This course builds on the knowledge learned in Auto Fundamentals.	IT7005	IT7006
Business AHC 101/ Entrepreneurship 101	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.	BU5002	BU5000
Chicano/Latino Studies	Introduction to Mexican American/Latino History and Culture.	SS6007	SS6008
Child Development	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.	HE6242	HE6243
Culinary Arts I	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.	HE6250	HE6251
Culinary Arts II*	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.	HE6570	HE6571
Environmental Science	Students will examine natural and man-made environmental problems, considering alternatives for	SC6633	SC6634
Foundations of Technology & Engineering	This course is designed to prepare students for entry level employment as a draftsman/draftsperson 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.	IT7050	IT7051
Foundations of Tech & Engineering (Advanced)*	This class builds on the knowledge learned in Foundations of Technology & Engineering.	IT7052	IT7053
Forensic Science	Students will use logical and critical thinking skills to process and evaluate information and evidence in order to arrive to a successful solution to any number of scenarios based on actual and mock crime sciences.	SC3055	SC3056
Leadership/ASB	Course is designed to give students the opportunity to learn the ways in which they can become successful leaders in their school and community.	SS6141	SS6142
Integrated Marketing/Student Store	Learn about products/services, pricing, promotions, business management and entrepreneurship. Gain work experience in operating and working in the Student Store.	BU6200	BU6201
Journalism 1	Develop knowledge & skills in writing news, editorials, sports, advertising & feature writing. Edit copy, use computers to prepare articles for publication.	EN6127	EN6128
Ornamental Horticulture	Students learn skills in ornamental and production plant growing and tending. Floral design, greenhouse structures etc.	AG7050	AG7051
Ornamental Horticulture/ AHC AG 156 (Advanced)*	This course builds on the knowledge learned in Ornamental Horticulture	AG7054	AG5072
Personal Finance	Learn how to make informed decisions about personal financial decision. Topics include financing a career/college, banking, money management, use of credit, saving, investment, retirement planning, being a smart consumer, buying a home, a car, insurance, taxes and estate planning basics.	BU3003	BU3004
Physics	Year-long course with the purpose of presenting an advanced study of the physical properties of matter and energy. The course is divided into five major units: Mechanics, Properties of Matter; Waves, Sound and Light, Electricity and Magnetism; and Modern Physics.	SC6608	SC6609
(A.P.) Physics/AHC PHYS100	This course is designed to be taken by students after the successful completion of either high school physics or chemistry. AP Physics 1 is divided into four major units to be covered at an introductory collegiate level: classical mechanics, electricity and magnetism, waves and optics, and modern physics.	SC6625	SC6648
Physiology & Anatomy	This course is designed to support students with an interest in the human body. The in-depth study of cells, tissues of the skin (Integumentary System), Skeletal system, Muscular System, Nervous System, Senses, Endocrine System, Blood Cardiovascular System, Lymphatic System, Digestive System, Respiratory System, Urinary System.	SC6616	SC6617
Professional Business Com	Advanced technology skills such as composing letters, blogs, job applications, newsletters and workplace & research documents including cloud computing. All important aspects to running your own business. Counts as A-G English course.	BU7008	BU7009
Psychology	Beginning with a study of perception, students explore the various psychological perspectives that attempt to explain human behavior.	SS6152	SS6153
Relationship and Family Health	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.	HE6252	HE6253
Veterinary Science	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.	AG6296	AG6297

Visual/Performing Arts (must pick AT LEAST one)			
Course	Description	Semester 1	Semester 2
Ag Floral Design	Introduces 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.	AG6102	AG6103
Adv. Floral Design*	This course builds on the knowledge learned in Ag Floral Design	AG6104	AG6105
Apparel Construction/Design	Provides instruction in garment construction involving fundamental sewing principles/techniques. Student becomes acquainted with use of sewing machine equipment.	HE6254	HE6255
Fashion Design*	Principles/elements of 2 & 3 dimensional design. Introduction to fashion merchandising and terminology used in fashion industry. Students will create a portfolio of sketches, figures drawings and create their own fabric designs.	HE2022	HE2023
Art 1	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.	VP6500	VP6501
Intermediate Drawing (Art 2) *	Explores drawing and an introduction to painting. Focuses on the exploration of the artist as the center of expression/individual expression.	VP6424	VP6425
Band	Students will be placed into Beginning, Intermediate, or Advanced Marching/Symphonic band depending on their skill level.	VP6102	VP6203
Guitar	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.	VP6552	VP6553
Intermediate Guitar*	This class builds on the knowledge built in Guitar	VP6587	VP6588
Photography	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.	VP6447	VP6448
Photography 2*	Designed to assist students in developing an appreciation of photographic equipment and increasing their understanding of photographic processes.	VP6449	VP6450
Publications (Yearbook)	Designed for students to organize the school yearbook. Students will take pictures, write articles/captions, and help put together the school yearbook	VP6556	VO6557

Elective CTE Courses (2 periods per day-MUST take bus to CTE center from SMHS campus)			
Agricultural Farm AHC AG190/191	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. Produce safety will also be addressed. Outdoor labor is required.	AG5153	AG7002
Construction	Prepares students for employment within the construction field with knowledge of general practices within the construction industry, such as residential and commercial building. Entry level employment and/or placement into a trade union in the specialized trades (e.g. electrician, carpenter, plumbing etc.). Learned skills may include framing, electrical, plumbing, weatherization, Blueprint reading, drywall, tile setting, roofing and more	ND7020	ND7021
Culinary AHC CA119/120/124	In this program students apply culinary techniques, food science technology and nutritional science principles to the production of quality food. Through further study, skills are transformed into careers such as corporate executive chefs, directors for food research and development, flavorists, food scientist/technologists, menu development professionals, product assurance and development.	HE7124	HE7120
Cyber Security AHC EL106/EL107	This pathway is designed to 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. Instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment.	ND7106	ND7107
Diesel	Prepares students for a variety of entry-level positions involving medium/heavy duty diesel repair. These positions may include work on over the road trucks, tractors, construction equipment and more generally in the diesel sales, repair, and support industry. Learned skills include the ability to diagnose and repair diesel engines.	IT7100	IT7303
Metal Shop: Industrial Design AHC MT109/113/116	Prepares students for variety of entry level positions in a manufacturing environment. Positions may include manual machine operator, computer numerical control (CNC) operator, computer aided drafting and manufacturing (CAD/CAM) designer. Learned skills may include the ability to operate conventional and computer numerical controlled (CNC) machinery, program CNC machinery, operate various CAD/CAM systems and interpret blueprints, material handling and quality control.	IT7109	IT5000

7 th class options			
AVID 10	AVID elective courses at all grade levels are designed to prepare, in an academic context, students for entrance into four-year colleges, with emphasis on analytical writing, preparation for college entrance and placement exams, college study skills and test taking, oral language development, note taking, and research.	ND6405	ND6406
ELD Lab 2	The overall goal of this course is to continue developing the fundamentals of English and to practice more advanced skills in reading, writing, speaking, and listening, with an emphasis on reading. Additionally, the course will familiarize students with the terminology and strategies associated with the English Language Proficiency Assessment for California (ELPAC).	EN6436	EN6437
Sports PE	Open to student athletes to work on physical conditioning and strength training.	PE6365	PE6370

***Second year of class. Students must complete the previous course in order to take the class.**

AHC Courses: Allan Hancock courses count as college credit. Grades earned in these courses will permanently go on your AHC college transcript.

Highlighted courses can only be taken during 11th and 12th grade year.