



Electives

SMHS 2024-2025 11th grade Elective Offerings Yearlong Electives



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




Denotes CTE Pathway Concentrator course

Foreign Language A to G (E)







Course	Description	Credits	Rank
Spanish I	Designed to enable students to communicate in Spanish at a basic level. IL6160/IL6161	10	
Spanish II	Build on skills acquired in Spanish 1. Expand topics and situations where students can communicate in Spanish. IL6162/IL6163	10	
Spanish III	Students will continue to practice exchanging personal information and responding to a variety of situations. Confident dialogue concerning past, present, or future circumstances will be expected. The greatest challenge this year will be learning how to express their hopes, wishes, expectations for, and emotional responses to, other people in the target language. IL6164/IL6165	10	
Spanish IV (AP Spanish Language & Culture)	Students are expected to demonstrate increased flexibility and creativity with the language. The students will receive instruction using the following strategies: communication-based instruction, literature-based instruction, textbook-based reading and practice activities, and individual and group projects. Students will practice listening, reading, speaking, and writing skills. Students will gain an understanding of, and an appreciation of, Hispanic culture from a variety of perspectives. Special emphasis will be placed on understanding, and responding to, current events. IL6166/IL6167	10	
Spanish for Spanish Speakers 1	Designed for students who are fluent in spoken, informal Spanish and need to improve writing, reading and grammar skills. Course is conducted entirely in Spanish. IL6174/IL6175	10	
Spanish for Spanish Speakers 2	Designed to build on skills acquired in Spanish for Spanish Speakers 1. Prepares students to pass the Advance Placement Spanish Language Examination. IL6176/IL6177	10	
AP Spanish Language & Culture	Designed for advanced language students who wish to meet college requirements for credit through the AP program and examination. The class is open to "standard" students (those who have studied Spanish only in school) and "nonstandard" students (those who have studied Spanish abroad or who have learned at home). Purpose is to prepare students to take the Spanish Language and Culture Advanced Placement exam. Successful completion of this examination will qualify students to receive college credit. IL6170/IL6171	10	
AP Spanish Literature & Culture	Designed for juniors and seniors (others with permission from instructor) that meet the foreign language admission requirements for the CSU and UC university system. Purpose is to prepare students to take the Spanish Literature Advanced Placement exam. Successful completion of this examination will qualify students to receive college credit for comparable college. IL6172/IL6173	10	
French 1	Introduces students to the French-speaking world and culture. Students will be able to communicate at a basic level. IL6182/IL6183	10	
AHC FRN 101	Builds on the skills acquired in French 1. Using a communicative style, students practice French grammar and vocabulary, sentence structure, and oral skills [listening and speaking]. IL6204/IL6205	10	
AHC French 102	continuation of FRCH 101, presenting students with the basic skills for vocabulary and grammar recognition and use, as well as stressing pronunciation, oral skills, reading, and writing at the elementary level. IL6202/IL6203	10	


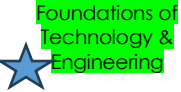
Visual/Performing Arts A to G (F)


Course	Description	Credits	Rank
Advanced Marching/Symphonic Wind Ensemble	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. VP6562/VP6563	10	
Adv. 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. Students are also introduced to the elements and principles of visual art design such as line, shape/form, color, balance, and emphasis using a series of floral based projects to explore the connections, relations, and application to visual arts design. AG6104/AG6105	10	
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	10	
Apparel/Const. & Design	This year long course focuses instruction on simple garment construction, appropriate uses of fabric, basic use of sewing machine, and other clothing construction tools. Students will be able to create fabric designs and learn about elements and principles of design. This course is designed to provide instruction in garment construction involving fundamental sewing principles techniques. Meets A-G requirement. This course is open to 9 th – 12 th graders. HE6254/HE6255	10	
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	10	

Beginning Marching Band/Symphony Band	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. VP6102/VP6103	10	
Fashion Design	This course will provide students the opportunity to learn about all aspects of the fashion industry and a better understanding of fashion, textiles, and design. The emphasis of instruction is placed on fashion merchandising, fashion illustration, fashion history and fashion designers. Students will experience hands on merchandising skills and become acquainted principles and elements of design. Meets A-G requirement. This course is open to 11th to 12th graders. HE2022/HE2023	10	
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	10	
Intermediate Drawing	Explores drawing and an introduction to painting. Focuses on the exploration of the artist as the center of expression/individual expression. VP6424/VP6425		
Intermediate Guitar	This class builds on the knowledge built in Guitar. VP6587/VP6588	10	
Intermediate Marching/Wind Symphony Band	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. VP6560/VP6561	10	
Photography I 	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	10	
Publications (Yearbook)	Course produces school yearbook focusing on journalistic writing, desktop publishing and advertisement sales. VP6556/VP6557	10	




A-G APPROVED COURSES (recommended for college bound students and meet A-G requirements for college entrance)

Course	Description	Credits	Rank
Accounting and 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	10	
Advanced Ag Mechanics	These courses are designed to prepare students for employment or entrepreneurship in agricultural occupations including farm power, construction, machinery and equipment, welding, and other areas. Basic units on electricity, masonry and surveying are included as well as forklift operation. Students work on a variety of equipment and fabrication projects. These classes also prepare students to continue in advanced, post-secondary occupational training in this field. AG7023/AG7024	10	
Advanced Ornamental Horticulture/AHC AG 156 	Students learn entry-level skills in ornamental and production plant growing and tending. Floral design, green house structures are topics taught. Instruction includes plant propagation, soil mixtures and sterilization, irrigation, potting and canning, fertilizers, hydroponics, floral design, pesticides, disease/pest management, greenhouse structures and operations, plant identification, tools and materials, basic landscaping, computer, and business management. Advanced Ornamental Horticulture has students with additional responsibilities to Ornamental Horticulture. Responsibilities include business management and ordering AG7054/AG5072	10	
Advanced Integrated Science-AG	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	<u>10</u>	
Advanced Engineering & Technology  	In this course, students strengthen their knowledge learned in Foundations of Technology & Engineering by using computer aided design programs like SolidWorks and expound on their familiarity with the engineering design process. During the course, students get to choose between multilevel projects such as designing a detailed architectural project from a themed-festival company, programming a robot for NASA to use on the moon, designing and manufacturing a guitar or working to combat malnutrition in developing countries by creating a solar project. Students have an opportunity to be creative while ensuring good engineering practices are utilized. IT7052/IT7053	<u>10</u>	
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	<u>10</u>	
Animal Science/AHC Ag 152 	A scientific approach to the livestock industry encompassing aspects of animal anatomy, physiology, nutrition, genetics, and epidemiology. Emphasis on the origin, characteristics, adaptations, and contributions of livestock to the modern agriculture industry. Field trips may be required AG6278/AG6400	<u>10</u>	
Ag Mechanics/AHC Ag 155 	Designed to prepare students for employment in agricultural occupations including farm power, construction, machinery and equipment, welding, and other areas. It makes the student aware of the great need for an advanced - 6 - educational background necessary to pursue a career in agriculture repair or general farming. The class is designed to teach basic shop skills. Taking class enables the student to participate in FFA activities. AG6282/AG6384	<u>10</u>	
AVID 11	AVID is a program designed to prepare high school students, who are underrepresented at the university level, to meet the requirements for admission to four-year colleges and universities. Students enroll in and are given academic support to be successful in CP, Honors and AP, English, history, science, and math classes ND6407/ND6408	<u>10</u>	













Chicano Latino Studies	This course explores Latino experiences from pre-Columbian civilizations to the present. It is an interdisciplinary course that investigates the diversity of Chicano/Latino culture as it is conditioned by the intersections of race, class, gender, regional variation, and power. Through culturally relevant curriculum, this class will provide a historical, political, and economic analysis of Chicano/Latino people's quest for equality. SS6007/SS6008	10	
Child Development	Child development provides students the skills and aptitudes to learn and apply knowledge and practical skills in the development, care, and guidance of children, and explores careers working with children. Students study prenatal development and the developmental ages and stages of children throughout adolescence. Focus is on the emotional, social, cognitive, and physical development. HE6260/HE6261	10	
 Culinary Arts	This course will emphasize cooking and baking techniques, safety and sanitation, care of equipment, as well as nutrition and nutrition choices. Students will receive a hands-on experience with an emphasis on industry-based techniques. Students will have the opportunity to earn their e-food handler certificate. Meets A-G requirement. This course is open to 9th – 12th graders. HE6250/HE6251	10	
Culinary Arts II	Service-learning experiences including operating a student-run business; thus, enabling them to transition from school to career. Students will study all aspects of the industry, including safety regulations and safe food handling; nutrition, the newest technology in food preparation and service; customer relations; entrepreneurship; cost and profitability analysis; employment and management skills. Students will have the opportunity to earn their ServSafe Food Handler certificate. This course is open to 10th to 12th graders who have completed Culinary. HE6570/HE6571	10	
Environmental Science	Environmental Science provides students the opportunity to learn about and develop an appreciation for the Earth's environment. Concepts will be taught from a rigorous science perspective that stresses scientific principles and analysis and includes a laboratory component. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will examine natural and man-made environmental problems, considering alternatives for solving or preventing them. Issues will be studied from scientific, sociological, and political perspectives. SC6633/SC6634	10	
Forensic Science	Upper division two-semester course that will increase a student's knowledge and practical application of current methodologies utilized in a crime scene investigation. This is a class that will provide an avenue for student to use the scientific method to solve real-life crime situations. Students will use logical and critical thinking skills to process and evaluate information and evidence to arrive a successful solution to any number of scenarios based on actual and mock crime scenes. Students must apply their knowledge of biology, chemistry, physics, and biotechnology to develop solutions within a forensic science context. SC3055/SC3056	10	
 Foundations of Technology & Engineering	Introduce students to a variety of fields in technology and engineering. Topics of study include alternative tech, architectural design, biotech, construction tech, environmental tech, manufacturing tech, materials science, and robotics. Students utilize real world testing equipment and design projects utilizing computer aided design programs, 3D printers, and CNC machines. IT7050/IT7051	10	
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 BU4005/BU4006	10	
Journalism	Students will develop knowledge and skills in writing news, editorials, sports, advertising, and feature writing. Students edit copy, use computers to prepare articles for publication and develop confidence, creative techniques and learn to organize time to meet monthly deadlines. Suggested: students are encouraged to enroll in Journalism 2, newspaper production, to follow articles from inception to publication. EN6127/EN6128	10	
Leadership ASB	Teaches leadership skills and government structure while enhancing school spirit, pride, and culture. Students who join the class will automatically be a part of a special group on campus. ASB students often participate in school-wide activities, events, and committees to practice their skills acquired in class. Students who enroll in the course will automatically be a part of the Student Council. Returning students often serve as part of the Executive Officers or as Commissioners. SS6141/SS6142	10	
Ornamental Horticulture	Students learn skills in ornamental and production plant growing and tending, floral design, greenhouse structures etc. AG7050/AG7051	10	
Personal Finance	Learn how to make informed real-world decisions about financial issues and personal financial decision skills that can be used for a lifetime. 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	10	
Photography II	Designed to assist students in developing an appreciation of photographic equipment and increasing their understanding of photographic processes. VP6449/VP6450	10	
Physiology & Anatomy	The in-depth study of cells, tissues of the skin (Integumentary System), Skeletal system, Muscular System, and Nervous System will peak student interest in the fall. Our study continues with Senses, Endocrine System, Blood Cardiovascular System, Lymphatic System, Digestive System, Respiratory System, Urinary System. The student's understanding of all the systems will be applied through Case Studies and detailed dissection of the Mink mammal. Passing both terms of this course student will meet the UC laboratory science requirement. SC6616/SC6617	10	
Professional Business Communication	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. -workplace certificate & counts for 4th year of English H.S. English for seniors or A-G * Microsoft Certification BU7008/BU7009	10	
Psychology	Beginning with a study of perception, students explore the various psychological perspectives that attempt to explain human behavior. Units include development, needs and motivation, cognitive processing and dreams, personality, disorders, and social cultural influences that may contribute to our development. Recommended for students interested in careers that require knowledge of people. SS6152/SS6153	10	

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. *Meets Health Requirement HE6252/HE6253	10	
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	10	

Other Electives

Course	Description	Credits	Rank
Ag Welding I/AHC Ag 106 	A course in theory, practice and application of various metal joining processes, including oxy-fuel welding, brazing, flame cutting, electric arc processes and an introduction to welding. The student will develop competencies in shop and tool safety. Math skills are also developed. Woodworking, rope work, plumbing, electrical and tool sharpening are also covered. Part II and III will be more extensive and are suited for students ready to do independent work. AG6264/AG6389	10	
AHC Business 101/Entr 101 	Learn how culture, society, econ systems, legal, international, political, financial institutions and human behavior interact to affect a business organization. Discover your role as a consumer employee, and citizen in the business world in the first semester. Second semester students learn what it is like to launch a business. BU5002/BU5000	10	
Auto Fundamentals 	This course covers the entire modern automobile. Subjects covered include engines, engine systems, brakes, tires, suspensions, steering, transmissions, electrical systems, and air conditioning. Emphasis is placed on shop safety, tools, proper use of equipment and procedures. IT6636/IT6637	10	
Advanced Auto Mechanics	This course is a continuation of Auto Fundamentals. This course is for students who have shown a desire to do independent, advanced work. IT7005/IT7006	10	
Sports PE	This class is only for students wanting to further learn about building their muscle and athletic ability. PE6365/PE6370	10	

OFF Campus Elective CTE Courses (2 periods per day-must take bus to CTE center from SMHS campus)

Agricultural Farm  	This course is modeled after AHC AG 190/191 and prepares students for transition to AHC or Cal Poly to participate in their farm programs. Our goal is to have this AHC Concurrent in 2023-2024. 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. At the end of the course, students can apply the necessary skills learned to start their own small-scale farm or apply them in the local agriculture industry. Produce safety will also be addressed. Outdoor labor is required. AG5153/AG7002 & AG7001/AG7002	20	
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	20	
Culinary  	Prepares students for further study in Culinary at AHC or a university. In this program students apply culinary techniques, food science technology and nutritional science principles to the production of quality food. Entry-level positions may include food preparation, line cook, entry level food and beverage service positions. 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 & HE7119/HE7120	20	
Cyber Security  	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; 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. Instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment. Emphasis will be placed on the Cisco System Certification. ND7105/ND7106 & ND7105/ND7107	20	
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. Local partners include Quinn CAT, John Deere and Santa Maria Truck Center (Freightliner/Mercedes). IT7100/IT7303	20	
Metal Shop: Industrial Design  	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, manufacturing generalist or programmer. 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/IT5001	20	