

2025 - 2026 HHS COURSE OFFERINGS

Course #	Course Description in Aspen	Course Info	Course #	Course Description in Aspen	Course Info
ACCOUNTING			HEALTH SCIENCE		
591000000	ACCOUNTING 1 [1]	^	599900000	MEDICAL THERAPEUTICS [2]	^
591100000	ACCOUNTING 2 [3]	^	325104000	HONORS HUMAN ANATOMY & PHYSIOLOGY [4]	
AGRICULTURE			325103000	ANATOMY/PHYSIOLOGY [5]	
595700000	AGRISCIENCE [6]		329500000	SCIENTIFIC RESEARCH [7]	^ *
611900000	PRINC OF PLANT SCIENCE AND HYDROCULTURE [8]		599300000	CLINICAL INTERNSHIP/MED TERMINOLOGY [9]	^ * 2
596400000	SUPERVISED AGRICULTURE EXPERIENCE [10]	* ^	600000000	NURSING EDUCATION (Double Block Class) [11]	^*
611600000	LARGE ANIMAL SCIENCE [12]	^ %	MAINTENANCE & LIGHT REPAIR		
596100000	NIC VETERINARY SCIENCE [13]	^ %	587900000	MAINT LIGHT REP 1 [14]	
595800000	SMALL ANIMAL SCIENCE [15]	^	588000000	MAINT LIGHT REP 2 (Double Block Class) [16]	^ 2
ARCHITECTURAL & STRUCTURAL			588100000	MAINT LIGHT REP 3 [17]	^
607500000	ELECTRICAL SYSTEMS [18]	^	588200000	NIC MAINT LIGHT REP 4 (Double Block Class) [19]	^ 2
607700000	NIC HVAC SYSTEMS [20]	^	SOCIAL HEALTH SERVICES		
608200000	NIC PLUMBING SYSTEMS [21]	^	601300000	LIFESPAN DEVELOPMENT [22]	^
616400000	NIC STRUCTURAL SYSTEMS 1 [23]	^	600500000	NUTRITION ACROSS THE LIFESPAN [24]	
616500000	NIC STRUCTURAL SYSTEMS 2 (Double Block Class) [25]	^ 2	613600000	FAMILY STUDIES [26]	^
BUSINESS MANAGEMENT			WELDING		
588800000	BUS COMMUNICATION [27]	^	607800000	WELDING 1 [28]	^
588900000	BUS MANAGEMENT [29]	^	603300000	WELDING 2 (Double Block Class) [30]	^
COMMUNITY SERVICES			ACADEMIC ADVANCED PLACEMENT ELECTIVES		
935202202	PEER TUTORING CDCA	~*	363405000	AP COMPUTER SCIENCE [31]	
935202300	ADV PEER TUTORING CDCA	~*	323605000	AP ENVIRONMENTAL SCIENCE [32]	
COSMETOLOGY			344105000	AP EUROPEAN HISTORY [33]	**
597200000	BARBERING [34]		345005000	AP HUMAN GEOGRAPHY [35]	
598600000	COSMETOLOGY 2 (Double Block Class) [36]	^	344705000	AP PSYCHOLOGY [37]	
598400000	NIC COSMETOLOGY 3 (Double Block Class) [38]	^	351700000	AP PHYSICS [39]	
617900000	COSMETOLOGY 4 (Double Block Class) [40]	^	GLOBAL ELECTIVES		
DIETETICS & NUTRITION			619300010	ACT PREPARATION	
600700000	NUTRITION SCIENCE AND DIET THERAPY [41]	^	214090207	AMERICANS AT WAR [42]	
ENGINEERING			340203000	ANCIENT HISTORY	
592400000	PRINCIPALS OF ENGINEERING & TECHNOLOGY [43]		301200000	CREATIVE WRITING [44]	
613900000	ENG DESIGN I [45]	^	290000000	ADV CREATIVE WRITING [46]	^
614000000	ENG DESIGN II [47]	^	332100000	DRIVERS EDUCATION	~ (\$200 Fee)
EXERCISE PHYSIOLOGY			345203000	BIBLE HISTORY [48]	
599000000	REHAB CAREERS	^	290100000	GENRE LITERATURE - TRUE CRIME	
FINE ARTS: VISUAL ART			300800100	JOURNALISM/YEARBOOK	~
350100000	VISUAL ART 1		290100500	MYTHOLOGY	
350200000	ADV ART GENERAL		343303000	PSYCHOLOGY/SOCIOLOGY	
350200100	ADV ART HISTORY		290600000	SPEECH [49]	
350200800	ADV ART PHOTO		341003000	WORLD GEOGRAPHY/CONTEMPORARY ISSUES [50]	
354505000	AP ART STUDIO 2D	*	PHYSICAL FITNESS		
354405000	AP ART STUDIO 3D	*	330100000	PHYS ED	
FINE ARTS: THEATRE			330200207	AEROBICS	
352000000	THEATRE ARTS 1		330200000	ADVANCED PHYS ED	
352100100	ADV THEATRE ARTS	^	330200100	ADV STRENGTH/COND	
FINE ARTS: MUSIC			ROTC		
353505000	AP MUSIC THEORY	*	333100200	ARMY JROTC 1 (*Off campus at Gibbs High)	*Must provide own transportation
353000900	BEGINNING BAND		WORLD LANGUAGE		
353000300	BAND COLOR GUARD (FALL COMMITMENT)		304100000	FRENCH 1	
353000700	BAND INST ENSEMBLE (DRUMLINE)		304200000	FRENCH 2	^
353000500	BAND SYMPHONIC (SPRING)		304304000	HON FRENCH 3	^
350500100	JAZZ STYLES (SPRING)	^*	304404000	HON FRENCH 4	^
353000100	MARCHING BAND (FALL COMMITMENT)		304505000	AP FRENCH	*
351700000	MUSIC HISTORY		302100000	SPANISH 1	
353100100	VOCAL MUSIC 1 (Mixed Chorus)		302200000	SPANISH 2	^
353100200	VOCAL MUSIC 2 (Concert Choir)	! Y	302304000	HON SPANISH 3	^
353100300	VOCAL MUSIC 3 (Madrigals)	! Y	302404000	HON SPANISH 4	^
353100500	FEMALE CHORUS (Ladies in Red)		315100000	HERITAGE SPANISH 1 (For Native Spanish Speakers)	
DUAL ENROLLMENT			315200000	HERITAGE SPANISH 2 (For Native Spanish Speakers)	^
9DUALTBA	DUAL ENROLLMENT COURSES (SEE DE BROCHURE)	%	30910400Q	HON CHINESE 1 (MANDARIN) Distance Learning	%
WORK BASED LEARNING			30920400Q	HON CHINESE 2 (MANDARIN) Distance Learning	%
610500000	WORK BASED LEARNING	**%	COURSE INFORMATION CODES		
*	Teacher recommendation required		!	Audition Required	
**	Class could be offered at 7am		~	Application Required	
%	Class offered through Dual Enrollment or AOL (Asynchronous Online Learning)		^	Course has a Prerequisite	
Y	This class will be 1 block each semester		2	This class will take up 2 blocks in 1 semester	

[1] ACCOUNTING I

This course prepares students who wish to pursue careers in business and finance, or for those who wish to develop important skill sets related to financial literacy. Students develop skills to analyze business transactions, journalize, post, and prepare worksheets and financial statements, and apply financial analysis to business processes.

[2] MEDICAL THERAPEUTICS (NIC)

This class students will explore further into the healthcare field. They will learn about the disease process, how to assess patients, and will have the ability to become CPR certified.

[3] ACCOUNTING II (NIC) *** (Global Class)

This course expands on content explored in Accounting I to cover the accounting processes of a variety of different firms, including merchandising, manufacturing, and service-oriented businesses.

[4] ANATOMY AND PHYSIOLOGY - Science Course

Students will be able to (1) apply the gross anatomy from earlier courses to a deeper understanding of all body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system, and (4) demonstrate a professional, working understanding of the transportation, respiratory, excretory, and reproductive systems. Prerequisite(s) Biology, Chemistry, and Health Science Education.

[5] ANATOMY AND PHYSIOLOGY - Science Course

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[6] AGRISCIENCE

Students will learn basic biological principles by completing classwork, projects and hands-on activities with live plants and animals. College credit is available through MTSU for completing a project.

[7] Scientific Research: Forensic Sciences

Forensic Science is a class that teaches students about the scientific method and techniques used in investigate crimes. Topics students will learn about are fiber/hair analysis, blood spatter, body decomposition, ballistics, fingerprint analysis, DNA, and more. You will learn in depth how a forensic scientist investigates each of these topics in a laboratory setting. It is recommended biology and chemistry are taken prior to taking this course.

[8] Plant Science and Hydroculture

Students will work with plants in the greenhouse, outside and in the classroom. Students will learn about plant structure, reproduction and hydroponics.

[9] Clinical Internship- 2 block class

Clinical Internship is a fourth level class in the Health Science Therapeutics Pathway. This course provides opportunities for students to intern at various medical facilities and gain real-world learning in the field of medicine. Students must complete an application to be in this class and must take Medical Therapeutics and Anatomy/Physiology prior.

[10] Capstone SAE- Junior or Senior students complete 180 hours of independent work experience related to agriculture.

The activity will help students investigate possible careers or interests in the agriculture field. Working at a veterinarian's office, volunteering at an animal shelter, or working in the school greenhouse would be possible examples.

[11] Nursing Education: 2 block class

Students will prepare to sit for the Board of Certified Nursing Assistant Licensure. If they pass the examination they will be licensed Certified Nursing Assistants. They will spend 40+ hours inside the classroom, 40+hours at a Nursing Facility, and 20+ hours in the lab. Students must have a social security card and transportation to and from the clinical site.

[12] Large Animal Science

This class focuses on care of horses, cattle, hogs, sheep, goats and more in relation to farm production. College credit is available through MTSU for this class.

[13] Veterinary Science Technologies- If you enjoy hands-on animal care and want to explore what it would be like to work in a veterinarian office, this class is for you. Students will learn and experience animal first-aid, CPR, vaccinations of local foster puppies and end the semester by completing a complete health exam on a dog.

[14] Students explore career opportunities and requirements of a professional service technician. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills

[15] Small Animal Science Technologies

This class explores pet ownership, pet diseases, animal safety and care through the study of dogs, cats, rabbits, rodents, exotics and many more.

[16] Students study and service suspension and steering systems and brake systems. This course has 2 credits.

[17] Students study automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories.

[18] ELECTRICAL SYSTEMS (NIC)

This course prepares students for careers as electricians across a variety of residential and commercial environments. Students will be able to implement safety procedures and tools to perform operations with device boxes, conduit, raceway systems conductors, and cable.

[19] This course prepares students for entry into the automotive workforce or into post secondary training. Students study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, and practice workplace soft skills.

[20] HEATING, VENTILATION & AIR CONDITIONING (HVAC) SYSTEMS (NIC)

HVAC prepares students for careers in residential and commercial heating, ventilation, air conditioning, and refrigeration. Students will be able to demonstrate knowledge and skill in performing basic operations with HVAC systems, with emphasis on safety, tools, and equipment specific to HVAC.

[21] PLUMBING SYSTEMS (NIC)

Students will be able to implement safety procedures and tools to perform operations with residential and commercial plumbing systems

[22] Lifespan Development:

Lifespan Development builds basic knowledge in human growth and development. Upon completion of the course, proficient students will have knowledge of developmental theory, principles of growth, behavior of children from conception through adolescence, adult development and aging, and death and dying. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

[23] STRUCTURAL SYSTEMS 1 (NIC):

Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in framing buildings. Students will be able to frame floors, walls, ceilings, roofs, and stairs while safely employing tools and interpreting construction drawings to complete projects.

[24] NUTRITION ACROSS THE LIFESPAN

A course for students interested in learning more about becoming a dietitian, nutritionist, counselor, or pursuing a variety of scientific, health, or culinary arts professions. Students will understand human anatomy and physiological systems, nutrition requirements, as well as social, cultural, and other impacts on food preparation and integrity. Prerequisite(s) Introduction to Human Studies

[25] STRUCTURAL SYSTEMS II (NIC):

This course will explore advanced framing, the physics of structural loads, and the coverings and finishes of structural systems. Upon completion of this course, proficient students will be able to install interior and exterior finishing, including roofing, siding, thermal and moisture protection components, drywall, doors, and trim.

[26] Family Studies:

Family Studies is an applied knowledge course that examines the diversity and evolving structure of the modern family. Upon completion of the course, proficient students will have knowledge of the demographic, historical, and social changes of interpersonal relationships, as well as parenting, and the effect of stressors on the family. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study.

[27] Business Communications is a course designed to develop students' effective oral and electronic business communications skills. This course develops skills in multiple methods of communications, including social media, as well as electronic publishing, design, layout, composition, and video conferencing. Upon completion of this course, proficient students will be able to demonstrate successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

[28] WELDING 1

Students will get a deeper understanding of the welding industry as they develop their welding skills. They will practice taking the SMAW (Shielded Metal Arc Welding) G1 welding certification upon passing they will become AWS certified.

[29] BUSINESS MANAGEMENT (NIC)

This course focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. Students will be operating the school cafe and learning all aspects of running a business.

[30] WELDING II: (2 Block Class)

Students will move forward with their skills working all of the welding processes from SMAW (Shielded Metal Arc Welding) , GMAW (Gas Metal Arc Welding) , and GTAW (Gas Tungsten Arc Welding). If needing to retake the G1 test it will be done during this class time. If G1 is passed, we will look at other certifications students may receive.

[31] AP Computer Science emphasizes object-oriented programming methodology with an emphasis on problem solving and algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction. The scope and sequence of this course follows the topics listed in the College Board Advanced Placement course description. Students who study this course will be prepared to take the Advanced Placement Computer Science “A” AP Exam and seek college credit. This course satisfies the State’s four-year math requirement for those students who have met the ACT and/or SAT college readiness benchmarks in mathematics. Prerequisite: Algebra 2

[32] AP Environmental Science is a first-year college level environment science course that follows the syllabus of the College Board’s Advanced Placement (AP) Program. The AP Environmental Science course is designed to prepare students to take the College Board AP Environmental Science test given in May of each year. The course has been audited and approved by the College Board. 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, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Students may be required to complete a summer assignment and/or attend additional classroom or laboratory sessions beyond the regularly scheduled classes.

[33] AP European History provides an in-depth study of the development of Western European history. The course is designed to increase the knowledge of European political, social, economic, and intellectual history of the nations of Western Europe. The student will gain a better understanding of the problems faced by people at a given time, relate these problems to the present, and attempt to find solutions. This course follows College Board guidelines and is taught at the college level.

[34] Barbering I: Provides students the opportunity to acquire fundamental skills in both theory and practical applications of leadership and interpersonal skill development. Content stresses safety, environmental issues, principles of haircutting, skin, nails and scalp care, chemical and barbershop management. Laboratory facilities and experiences simulate those found in the barbering industry.

[35] The purpose of the AP Human Geography course is to introduce students to the systemic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

[36] COSMETOLOGY II: Developing an understanding of efficient and safe work practices, nail procedures, hair design, and chemical services. Students will gain experience in practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found in the cosmetology industry

[37] AP Psychology is a one credit, semester-long course (equivalent to 90 days of instruction) and is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

[38] COSMETOLOGY III: Developing an understanding of efficient and safe work practices, salon business concepts and operations, advanced hair techniques and chemical services, and facial and skin care procedures. Students will gain experience in practical applications of cosmetology practices. Laboratory facilities and experiences simulate those found

in the cosmetology industry.

[39] AP Physics 1 is equivalent to a first semester college course in algebra-based physics. This course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; and mechanical waves, fluid mechanics, and sound. It also introduces electric circuits. Prerequisites: Geometry and currently taking Algebra 2 or equivalent course.

[40] COSMETOLOGY IV: Prepare students for careers in cosmetology by developing an understanding and practical skills in efficient and safe work practices, career and business analysis, advanced hair techniques and chemical services, and state board theoretical and practical application. Laboratory facilities and experiences simulate those found in the cosmetology industry

[41] NUTRITION SCIENCE AND DIET THERAPY (NIC)

An applied knowledge course in nutrition for students interested in the role of nutrition in health and disease. Students will be able to develop a nutrition care plan as part of the overall health care process, use methods for analyzing the nutritional health of a community, and understand the relationship of diet and nutrition to specific diseases. The course emphasizes the role of diet as a contributor to disease and its role in the prevention and treatment of disease. Prerequisite(s) Nutrition Across the Lifespan

[42] Americans at War is a one-credit elective course. In Americans at War, students will examine the causes and consequences of the American Revolution, the War of 1812, the Mexican American War, Indian Wars, Civil War, Spanish-American War, and World War I. Students will also learn about the various factors that led to America's entry into World War II, as well as its consequences for American life. Students will explore the causes and course of the Cold War, which led to the United States involvement in Korea and Vietnam. Additionally, students will learn the causes and consequences of contemporary issues impacting their world today. Students will continue to use skills for historical and geographical analysis as they examine American history since the American Revolution. Students will continue to learn fundamental concepts in civics, economics, and geography within the context of United States history. The reading of primary source documents and secondary sources is a key feature of United States history standards. Finally, students will focus on current human and physical geographic issues important in contemporary America and the global society that relates directly to the topic of this course.

[43] Principles of Engineering and Technology (NIC):

It is a foundational course in the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study.

[44] In Creative Writing, students will be given the opportunity to develop a creative outlet through additional writing experiences in fiction and nonfiction. Creative writing allows students to practice self-expression, to explore various writing styles, and to strive for variety in diction, sentence structure, and format.

[45] Engineering Design I:

Upon completion of this course, proficient students are able to describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Tennessee.

[46] In Advanced Creative Writing, students will continue to pursue the art of creative writing, concentrating especially on poetry, short stories, non-fiction, and screenwriting. Works of established authors are examined and modeled, with a view toward enhancing the students' own work. The class is conducted as a workshop with both teacher- and peer-conferencing; the result should be a significant portfolio of student work.

[47] Engineering Design II (NIC):

Upon completion of this course, proficient students are able to explain the differences between scientists and engineers, understand the importance of ethical practices in engineering and technology, identify components of control systems, describe the differences between laws related to fluid power systems, explain why material and mechanical properties

are important to design, create simple free body diagrams, use measurement devices employed in engineering, conduct basic engineering economic analysis, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.

[48] Bible is a one-credit elective course. This course is a survey of the Bible with emphasis upon its historical, literary, geographical, artistic, and cultural aspects. This course offers insights into the many historical events recorded in the Bible. It treats the Bible as a great literary work in itself as well as a primary source of allusions found in
197

countless works of literature, art, and music. The first half focuses primarily on the Old Testament and the second half on the New Testament.

[49] In Speech and Communication, students will explore an array of scenarios and forums where effective
175

communication is necessary. The course will cover interpersonal, informative, small group, persuasive, and special event speaking as well as different contexts where communicating via speech may be vital. Students will use a variety of digital media (text, audio, and visual) to generate ideas, organize information, and create and evaluate oral presentations. Research and writing skills will be reinforced by the assigned tasks.

[50] World Geography, different from World History and Geography, is a high school elective course ONLY and does not satisfy the World History and Geography graduation requirement. Students will examine the global perspectives, basic concepts, and fundamental questions of geography. Students will explore where phenomena occur and reasons why phenomena occur in those locations. Students will focus on the ways through which all places on Earth are interconnected and how the human use of Earth's surface varies. Students will also explore various topics, including geographic skills and tools, physical processes, natural resources, cultural geography, political geography, population and migration, economic development and interdependence, and urbanization.