

Academy of Health Science

If you think you want to work in the diverse field of healthcare, a health science class may be just the course you need. Below are the progression of classes, the requirements, grade levels, and a brief explanation.

Course	Grade Level	Requirements	Description
Medical Skills & Services 8400320	9-11	Be ready to learn!	This introductory course is divided into two semesters of study. Semester 1 focuses on exploring the diverse careers in healthcare and how to achieve those careers. Semester 2 focuses on global health concerns. Both semesters require a culminating project and a semester exam.
HS Anatomy & Physiology 8417100	10-12	Passed Biology with a C or higher.	This course introduces students to basic anatomy and physiology. Study includes: directional terminology, chemistry and cellular biology; body systems - integumentary, skeletal, muscular, nervous, endocrine, immune cardiovascular, respiratory, urinary, digestive and reproductive. Pathology of disease and healthcare careers are a part of this course.
HS Foundations 8417110	11-12	Passed HS Anatomy & Physiology with a 77% or higher; application to the Academy of Health Science; and, recommendation from Mrs. Bowers.	This course will engage students in studying the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, professional qualities, use of technology, ethics and the development of critical thinking and problem solving skills, cultural diversity, and human growth and development. Students will also learn first aid skills; demonstrate the measurement of vital signs, and infection control practices.

HS Education Directed Study 8400100	11-12	Passed either Medical Skills, HS A&P or HS Foundations; and, recommendation from Mrs. Bowers.	This course will provide students with learning opportunities in a prescribed program of study that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who is currently completing a specific secondary job preparatory program. Students will also study for and take the Certified Electronic Health Records Specialist exam.
EKG Technician 8427100	12	Passed both HS Anatomy & Physiology and HS Foundations with a 77% or higher; and, recommendation from Mrs. Bowers.	This culminating course prepares students for employment as Electrocardiograph Technicians. Students will take a national exam and become officially certified by the National Healthcareer Association.

