

KENDRICK HIGH SCHOOL

HOME OF THE CHEROKEES



Health Science Pathway **Therapeutic Services/Allied Health and Medicine**

- 25.5210019 Introduction to Healthcare Science (Grades 9-12)
- 25.4400029 Essentials of Healthcare (Grades 10-12)
- 25.4370039 Allied Health and Medicine (Grades 11-12)
- 25.4360449 Patient Care Fundamentals (Dual Enrollment with Columbus Technical College) (Grade 12)

Introduction to Healthcare Science (Grades 9-12) 25.5210019

Introduction to Healthcare Science is a foundations course for the Therapeutic Services Career Pathway. It is appropriate for students wishing to pursue a career in the Healthcare Industry. The course will enable students to receive initial exposure to Healthcare Science skills and attitudes applicable to the healthcare industry. The concepts of health, wellness, and preventative care are evaluated, as well as ethical and legal responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including medical terminology, microbiology, and basic life support. Students are required to meet both national and intrastate professional guidelines as designated by applicable regulatory agencies such as the Occupational Health and Safety Administration (OSHA) and Center for Disease Control (CDC).

Essentials of Healthcare (Grades 9-12) 25.5220029

Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. The Essentials of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. This course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections between medical procedures and the pathophysiology of diseases and disorders. The pre-requisite for this course is Introduction to Healthcare.
**Prerequisite Required (Introduction to Healthcare Science)*

Allied Health and Medicine (Grades 11-12) 25.4370039

**Prerequisite Required (Introduction to Healthcare Science and Essentials of Healthcare)*

The course is designed to offer students (preferably upper classmen--juniors or seniors) the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of each of the major departments of the average acute care setting/hospital, including but not limited to: Orthopedics, Cardiology, Diagnostic Imaging, MedSurg, Gastroenterology, Urology, and Customer Care Services. Students focusing on a career path in medicine (Pre-Med) or on a career in one of the ancillary departments noted above will apply classroom/lab knowledge and skills in the clinical setting as they participate in direct client care. The work-based learning strategy appropriate for this course is a minimum 40-hour clinical practicum.

Patient Care Fundamentals (Grade 12) (Dual Enrollment with Columbus Technical College)
25.4360449

Students must complete Introduction to Healthcare Science, Essentials of Health, and Allied Health to be eligible for enrollment. Dual enrollment is available to seniors only. See the CTAE Supervisor for more information. Fees for this class may apply.