

Health Science Career Cluster

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Diagnostics & Therapeutics Statewide Program of Study



Career & Technical Education

The Healthcare Diagnostics program of study introduces students to occupations and education opportunities related to performing complex medical laboratory tests for the diagnosis, treatment, and prevention of disease. This program of study may also include exploration into the opportunities associated with blood laboratories as well as radiologic technology and ultrasound technology.

Secondary Courses for High School Credit

9th Grade

- Principles of Health Science

10th Grade

- Medical Terminology

11th Grade

- Anatomy and Physiology (AAC)

12th Grade

- Health Science Theory (AAC)

Postsecondary Opportunities

Associates Degrees

- Emergency Medical Technology
- Radiologic Technology/Science

Bachelor's Degrees

- Emergency Medical Technology
- Medical Insurance Coding

Master's, Doctoral, and Professional Degrees

- Medicine
- Occupational Therapy

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities

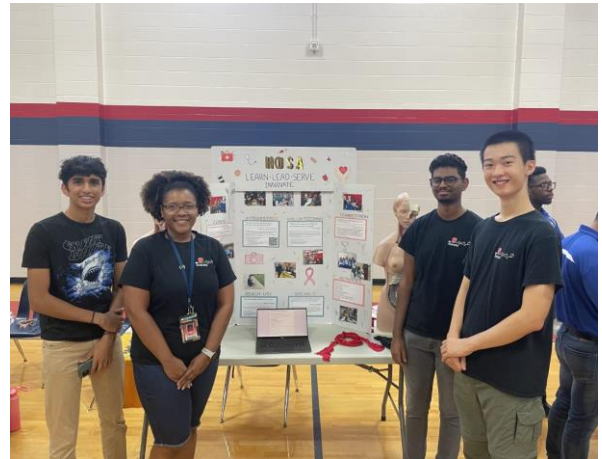
- Participate in Health Occupation Students of America (HOSA)

Work-Based Learning Activities

- Intern with a medical assistant at a community clinic, hospital, assisted living, or long-term care facility

Industry-Based Certifications

- Certified EKG Technician



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	\$36,834	11,638	29%
Dental Hygienists	\$79,663	1,352	32%
Physician Assistants	\$127,332	974	41%
EKG Technician	\$46,325	2,200	10%