



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. This career cluster includes occupations ranging from medical assistant, registered nurse, and physical therapist to forensic science technician and athletic trainer.

Program of Study: *Health Science: Clinical Rotations*

The Health Science: Clinical Rotations program of study focuses on helping students explore various medical careers through real-world experience. Students split time between the classroom and clinical sites, gaining exposure to hospital departments or interning with professionals such as dentists, optometrists, pediatricians, and physical therapists to discover their interests within the healthcare field.

Secondary Courses for High School Credit

9th Grade	Medical Terminology
10th Grade	Health Science Theory
11th Grade	- Anatomy & Physiology - Practicum in Health Science: Clinical Rotations
12th Grade	- Practicum in Health Science: Patient Care Technician (PCT) - Practicum in Health Science: Clinical Medical Assistant (CMA)
Optional Electives	- Pathophysiology - Medical Microbiology - Pharmacology

Course Costs

Fees ≈ \$330

Includes: Drug Screen, TB Test, Scrubs (2 pair), Flu Vaccine, EKG Certification

Internship and Practicum Opportunities

Students have the opportunity to gain hands-on experience in a variety of different businesses. There are numerous internships opportunities including the following: **Baylor Regional Medical Center at Grapevine, Texas Heath Harris Methodist Hospital Alliance, Any Lab Test Now, Ouch Orthopedics, and more.**

Career and Technical Student Organization (CTSO)

HOSA

Health Occupation
Students of America

Career & Technical Student Organizations (CTSOs) are student-led organizations that build leadership, career skills, and real-world experience through competitions, networking, and hands-on learning.

Aligned Industry-Based Certifications

- Certified EKG Technician



Successful completion of the *Health Science: Clinical Rotations* program of study will fulfill requirements of the **Public Services endorsement**.



Example Postsecondary Opportunities

Apprenticeships

- Medical Assistant

Associate Degrees

- Respiratory Therapist
- Radiologic Technology/Science

Bachelor's Degrees

- Emergency Medical Technology
- Medical Insurance Coding

Master's, Doctoral, and Professional Degrees

- Medicine
- Occupational Therapy

Additional Stackable IBCs/License

- Registered Diagnostic Medical Sonographer



Example Aligned Occupations

Medical Assistants

Median Wage: \$36,834
Annual Openings: 11,638
10-Year Growth: 29%

Dental Hygienists

Median Wage: \$79,663
Annual Openings: 1,352
10-Year Growth: 32%

Physician Assistants

Median Wage: \$127,332
Annual Openings: 974
10-Year Growth: 41%

For more information, visit
the KISD Course Guide
<https://tinyurl.com/464uxm25>

