

Emergency Medical Technician

Diagnostic & Therapeutic Services

Health Science

The Diagnostic & Therapeutic Services program of study introduces students to occupations and educational opportunities in the healthcare industry. Areas of study include the diagnosing and treatment of acute, episodic, and chronic illnesses. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients, as well as rehabilitative programs that help build and restore daily living skills.

Level I Course



Principles of Health Science

Level 2 Course



Medical Terminology

Level 3 Course



Health Science Theory w/Clinicals or Health Science Theory

Anatomy & Physiology

Level 4 Course



Practicum in Health Science – EMT

Industry Based Certification:

- **Certified EKG Technician**
- **Certified Patient Care Technician**
- **Emergency Medical Technician - Basic**

Recommended Course Sequence:

9th grade
Principles of Health Science

10th grade
Medical Terminology

11th grade
Health Science Theory & Anatomy and Physiology

12th grade
Practicum in Health Science EMT

Postsecondary Opportunities:

Levels of Recognized Industry Credentials: Emergency Medical Technician

Advanced Emergency Medical Technician

Paramedic

Associate Degree: Radiological Technology/Science

Bachelor's Degree: Registered Nurse

Masters, Doctoral, Degrees
Physician Assistant
Nurse Practitioners
Pediatrician
Anesthesiologist

Example Aligned Occupations:

EMT
Median Wage: $35,942
Annual Openings: 1,664

Registered Nurse
Median Wage: $75,289
Annual Openings: 14,000

Physician Assistants
Median Wage: $127,332
Annual Openings: 974

For detailed course descriptions see the Course Selection Handbook.