



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.

Statewide Program of Study: *Diagnostic and Therapeutic Services*

The Diagnostic and Therapeutic Services program of study focuses on occupational and educational opportunities associated with diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study includes exploration of patient treatment and rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.



Secondary Courses for High School Credit

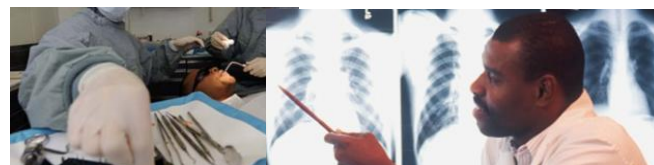
Level 1	• Principles of Health Science (13020200)
Level 2	• Health Science Theory + Health Science Clinical (13020410)
Level 3	• Anatomy and Physiology (13020600)
Level 4	• Practicum in Health Science (13020500)

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> • Intern with a medical assistant at a community clinic, hospital, assisted living, or long-term care facility • Participate in job shadowing experiences such as Emergency Medical Services (EMS) ride along or hospital/clinical job
Expanded Learning Opportunities	<ul style="list-style-type: none"> • Participate in Health Occupation Students of America (HOSA) • Participate in Community Emergency Response Team (CERT) event

Aligned Industry-Based Certifications

- **Certified EKG Technician** – This is obtained in Practicum in Health Science
- **Phlebotomy Technician** - This is obtained in Practicum in Health Science



Example Postsecondary Opportunities

Apprenticeships

- Medical Assistant

Associate 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

Additional Stackable IBCs/License

- Registered Diagnostic Medical Sonographer



Example Aligned Occupations

Medical Assistants

Median Wage: \$37,568
Annual Openings: 11,247
10-Year Growth: 29%

Dental Hygienists

Median Wage: \$89,155
Annual Openings: 1,047
10-Year Growth: 32%

Physician Assistants

Median Wage: \$131,082
Annual Openings: 887
10-Year Growth: 41%

