

# 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.

## Healthcare General



The Healthcare General program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. 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 or restore daily living skills to persons with disabilities or developmental delays.

### Secondary Courses for High School Credit

#### Level 1

- Principles of Health Science

#### Level 2

- Medical Terminology

#### Level 3

- Anatomy and Physiology (H)
- Health Science Theory (H) <sup>1</sup>

#### Level 4

- None



### Postsecondary Opportunities

#### Associates Degrees

- Nurse
- Medical/Clinical Assistant

#### Bachelor's Degrees

- Nurse

#### Master's, Doctoral, and Professional Degrees

- Physician Assistant
- Family and General Practitioners
- Pharmacist

### Work-Based Learning and Expanded Learning Opportunities

#### Exploration Activities

- Participate in Health Occupation Students of America (HOSA)

#### Work-Based Learning Activities

- Volunteer at a community wellness center, hospital, assisted living, or nursing home

### Industry-Based Certifications

- Certified Patient Care Technician (CPCT) <sup>1</sup>

### Aligned Advanced Academic Courses

- AP Biology
- AP Chemistry



### Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	\$36,900	11,600	29%
Registered Nurse	\$84,300	16,200	17%

Successful completion of the Healthcare General program of study will fulfill requirements of a Public Service endorsement. Revised – May 2024

# Healthcare General Course Information

## Level 1

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
Principles of Health Science	13020200 (1 credit)	None	9

## Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
Medical Terminology	13020300 (1 credit)	None	10

## Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
Anatomy and Physiology (H)	13020600 (1 credit)	Biology & Chemistry	11 - 12
Health Science Theory (H)	13020400 (1 credit)	Biology & Principles of Health Science	11 - 12

## Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
None	-	-	-

FOR ADDITIONAL INFORMATION ON THE HEALTH SCIENCE CAREER CLUSTER,  
PLEASE CONTACT YOUR CAMPUS CTE COUNSELOR  
<https://tea.texas.gov/cte>

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