

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.

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
- Health Science Theory ¹

Level 4

- None



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) ¹

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



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	\$34,000	11,600	29%
Registered Nurse	\$79,000	16,200	17%

Successful completion of the Healthcare General program of study will fulfill requirements of a Public Service endorsement. Revised – January 2023

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	13020600 (1 credit)	Biology & Chemistry	11 - 12
Health Science Theory	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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[Notification of Nondiscrimination in Career and Technical Education Programs.](#)