

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.

Therapy Occupations



The Therapy Occupations program provides students with an in-depth study of therapeutic careers like physical therapy, occupational therapy, sports injury rehabilitation, etc. It includes information about injury prevention, evaluation, treatment, rehabilitation, emergency injury management and administrative functions. Students in this program participate in internship opportunities and prepare for industry recognized certifications.

Secondary Courses for High School Credit

Level 1

- Principles of Health Science

Level 2

- Medical Terminology

Level 3

- Anatomy and Physiology
- Health Science Theory

Level 4

- Practicum in Health Science I – Therapy Occupations ¹
- Practicum in Health Science II – Therapy Occupations ²



Work-Based Learning and Expanded Learning Opportunities

Exploration Activities

- Participate in Health Occupation Students of America (HOSA)

Work-Based Learning Activities

- Intern at local hospitals and/or local clinics

Industry-Based Certifications

- Certified EKG Technician (CET) ¹
- Certified Personal Trainer (CPT) ²



Postsecondary Opportunities

Associates Degrees

- Medical/Clinical Assistant

Bachelor's Degrees

- Speech Therapist

Master's, Doctoral, and Professional Degrees

- Physical Therapist
- Occupational Therapist
- Family and General Practitioners

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Physical Therapist	\$98,000	1,200	28%
Occupational Therapist	\$96,000	760	25%
Speech Pathologist	\$83,000	1,600	37%

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

Therapy Occupations 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)
Health Science Theory	13020400 (1 credit)	Biology & Principles of Health Science	10
Anatomy and Physiology	13020600 (1 credit)	Biology & Chemistry	11 - 12

Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	GRADE LEVEL(S)
Practicum in Health Science I: Therapy Occupations	13020500 (2 credits)	Health Science Theory	11
Practicum in Health Science II: Therapy Occupations	13020510 (2 credits)	Practicum in Health Science I: Therapy Occupations	12

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

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