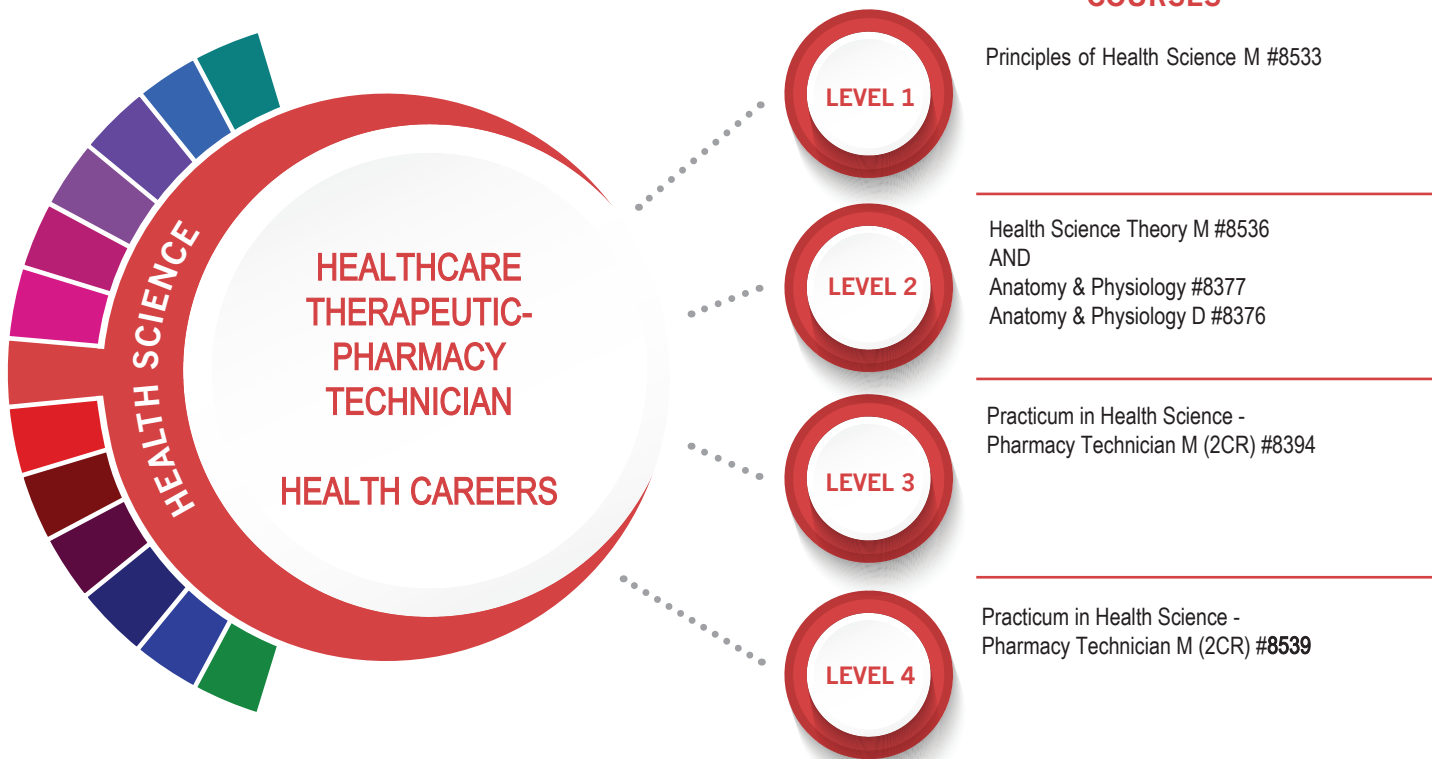


COURSES



POSTSECONDARY OPTIONS

| HIGH SCHOOL/ INDUSTRY CERTIFICATION | CERTIFICATE/ LICENSE* | ASSOCIATE'S DEGREE | BACHELOR'S DEGREE | MASTER'S/ DOCTORAL PROFESSIONAL DEGREE |
|---|--------------------------|-----------------------------------|----------------------|---|
| Registered Dental Assistant | Dental Assistant | Dental Hygienist | | Dentist |
| Certified Patient Care Technician | Surgical Technologist | | | Physician Assistant |
| Certified Nurse Aide/Assistant | Medical Assistant | Medical/ Clinical Assistant | | Family and General Practitioners |
| Pharmacy Technician | Pharmacy Aides | | | Pharmacist |

Additional industry based certification information is available from the TEA CTE website.

For more information on postsecondary options for this program of study, visit TXCTE.org.

| OCCUPATIONS | MEDIAN WAGE | ANNUAL OPENINGS | % GROWTH |
|-------------------------|----------------|--------------------|-------------|
| Medical Assistants | \$29,598 | 8,862 | 30% |
| Surgical Technologists | \$46,310 | 1,150 | 21% |
| Dental Hygienists | \$73,507 | 1,353 | 38% |
| Physicians and Surgeons | \$213,071 | 1,151 | 30% |
| Dental Assistants | \$34,840 | 4,422 | 31% |

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:
SkillsUSA
Health Occupation
Students of America
(HOSA)

Work Based Learning Activities:
Volunteer at a community wellness center, hospital, assisted living, or nursing home.

The Healthcare Therapeutic 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.



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.

Successful completion of the Healthcare Therapeutic program of study will fulfill requirements of a **Public Service endorsement or STEM endorsement** if the math and science requirements are met. Revised - July 2020



Public Services Endorsement

Possible STEM - SBOE Decision



Health Science

Healthcare Therapeutic Pharmacy Technician

Principles of Health Science M (9-10) #8533

This course provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. Students will identify employment opportunities, technology, and safety requirements of each system. A student who takes a full year of Principles of Health Science receives a waiver for Health.

SEM: 2 CR: 1

Health Science Theory M (10-12) #8536

This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skills development.

PR: Biology

SEM: 2 CR: 1

Anatomy and Physiology (10-12) #8377

Students study the structure and function of the human body and the interaction of body systems for maintaining homeostasis. Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students must meet the 40% laboratory and fieldwork requirement.

PR: Biology & 2nd Science

SEM: 2 Science CR: 1

Practicum in Health Science - Pharmacy Technician M (11) #8394

A course designed to give students practical application of previously studied knowledge and skills for certification or licensure in an allied health career. Students develop advanced clinical skills necessary for employment in the healthcare industry or continued education in health careers.

PR: Health Science Theory & Biology

SEM: 2 CR: 2

Practicum in Health Science - Pharmacy Technician M (2nd time taken) (12) #8539

A course designed to give students practical application of previously studied knowledge and skills for certification or licensure in an allied health career. Students develop advanced clinical skills necessary for employment in the healthcare industry or continued education in health careers. NISD Volunteer Background Check may be required.

*Certification offered: Pharmacy Technician (CPhT)

PR: Health Science Theory & Biology

SEM: 2 CR: 2