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| Level 1 | 7501 Principles of Health Science |
| Level 2 | 7511 Medical Terminology |
| | 7550/H Anatomy and Physiology |
| Level 3 | 7505 Health Science Theory/Health Science Clinical |
| | 7507 Patient Care Technician |
| | 7530 Pathophysiology |
| | 7560 Dentistry |
| Level 4 | 7506 Certified Nursing Assistant |
| | 7504 Pharmacy Technician |

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

| Occupations | Median Wage | Annual Openings | % Growth |
|-------------------------|-------------|-----------------|----------|
| Medical Assistants | \$29,598 | 8,862 | 30% |
| Surgical Technologists | \$45,032 | 1,150 | 20% |
| Dental Hygienists | \$73,507 | 1,353 | 38% |
| Physicians and Surgeons | \$213,071 | 1,151 | 30% |
| Dental Assistants | \$34,840 | 4,422 | 31% |

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

| WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES | |
|---|---|
| Exploration Activities: | Work Based Learning Activities: |
| SkillsUSA Health Occupation Students of America (HOSA) | 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

