



## COURSES

- GRADE 9**  
Principles of Health Science  
Level 1

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- GRADE 10**  
Health Science Theory  
Level 2

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- GRADE 11**  
Practicum in Health Science(Clinicals) OR  
Medical Terminology OR  
Anatomy and Physiology  
Level 3

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- GRADE 12**  
Pathophysiology AND  
Practicum in Health Science (C.N.A or  
Pharmacy Tech)  
Level 4

## POSTSECONDARY OPTIONS

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
	Dental Assistant	Dental Hygienist		Dentist
	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](http://TXCTE.org).

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%

### 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



It is the policy of Weslaco ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Successful completion of the Healthcare Therapeutic program of study will fulfill requirements of the Public Service Endorsement. Approved Statewide Program of Study-September 2019-Modified by Weslaco ISD Career & Technical Ed



# COURSE INFORMATION

COURSE NAME	SERVICE ID	PREREQUISITES (PREQ) COREQUISITES (CREQ)	GRADE
Principles of Health Science	13020200 (1 credit)	None	9-10
Principles of Therapeutic Healthcare	TBD	TBD	TBD
Introduction to Pharmacy Science	TBD	TBD	TBD
Introduction to Dental Science	TBD	TBD	TBD
Medical Terminology	13020300 (1 credit)	None	9-12
Dental Anatomy and Physiology	TBD	TBD	TBD
Pharmacy I	TBD	TBD	TBD
Anatomy and Physiology	13020600 (1 credit)	PREQ: Biology and a second science credit	10-12
Health Science Theory	13020400 (1 credit) 13020410 (2 credits)	PREQ: Biology	10-12
Medical Microbiology	13020700 (1 credit)	PREQ: Biology and Chemistry	10-12
Pharmacy II	TBD	TBD	TBD
Medical Assistant	TBD	TBD	TBD
Dental Equipment and Procedures	TBD	TBD	TBD
Pathophysiology	13020800 (1 credit)	PREQ: Biology and Chemistry	11-12
Pharmacology	13020950 (1 credit)	PREQ: Biology and Chemistry	11-12
Practicum in Health Science	13020500 (2 credits) 13020505 (3 credits) 13020510 (2 credits) 13020515 (3 credits)	PREQ: Health Science Theory and Biology	11-12

**FOR ADDITIONAL INFORMATION ON THE HEALTH SCIENCE CAREER CLUSTER, PLEASE CONTACT:**

Kevin Johnson | [Kevin.Johnson@tea.texas.gov](mailto:Kevin.Johnson@tea.texas.gov)

<https://tea.texas.gov/cte>