



# Health Science

# Nursing Science



<b>LEVEL 1</b>	<b>LEVEL 2</b>	<b>LEVEL 3</b>	<b>LEVEL 4</b>
Medical Terminology (1)	Principles of Health Science (1)	Health Science Theory / Clinical (2)	Practicum in Health Science - Pharmacy Technician

The **Nursing Science** program of study introduces students to the knowledge and skills related to patient care. CTE learners may learn about or practice caring for patients, routine procedures such as monitoring vital signs, development and implementation of care plans, maintenance of medical records, and disease or pain management. Students may focus on the healthcare system and research system designs and make recommended modifications.

Certifications / Degrees				
HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Certified Nurse Aide/Assistant	Licensed Vocational Nurse	Registered Nursing/ Registered Nurse	Informatics Nurse Specialists	Nurse Practitioner
EKG, PCT				Nursing Administration
Pharmacy Tech				Nurse Anesthetist

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		Occupation Outlook			
Exploration Activities:	Work Based Learning Activities:	Occupations	Median Wage	Annual Openings	% Growth
Health Occupation Students of America (HOSA)	Volunteer at a community wellness center, hospital, assisted living center, or nursing home.	Licensed Vocational Nurses	\$45,178	7,186	21%
		Registered Nurses	\$68,682	17,493	26%
		Nurse Practitioners	\$107,827	977	50%
		Nurse Anesthetists	\$154,856	357	23%



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 Nursing Science 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

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

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

