



Level 1	
Level 2	Medical Terminology
Level 3	Health Science Theory Health Science Clinical
Level 4	Anatomy and Physiology

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Phlebotomy Technician	Medical Sonographer	Nuclear Medical Technology/Technologist	Nuclear Medical Technology/Technologist	Radiologist
Certified Nurse Aide/Assistant	Radiologic Technologist	Magnetic Resonance Imaging (MRI) Technology/Technician	Medical Radiologic Technology/Science - Radiation Therapist	Radiologic Technology/Science - Radiographer

Occupations	Median Wage	Annual Openings	% Growth
Diagnostic Medical Sonographers	\$69,909	495	35%
Phlebotomists	\$30,597	1442	36%
Nuclear Medicine Technologists	\$75,962	91	13%
Radiologic Technologists	\$55,494	1196	19%
Magnetic Resonance Imagine Technologists	\$68,661	217	21%

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:
Family, Career & Community Leaders of America (FCCLA) Skills USA Future Business Leaders of America (FBLA)	Clinical rotations at a community wellness center, hospital, assisted living, nursing home

The Healthcare Diagnostics program of study introduces students to occupations and education opportunities related to performing complex medical laboratory tests for the diagnosis, treatment, and prevention of disease. This program of study may also include exploration into the opportunities associated with blood laboratories as well as radiologic technology and ultrasound technology.



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 Diagnostics program of study will fulfill requirements of the **Public Service Endorsement**. To complete the Healthcare Diagnostics/Therapeutics POS, you must complete three or more courses for four or more credits, including a level 3 or level 4 course within the same program of study. Revised- July 2020



COURSE INFORMATION

COURSE NAME	SERVICE ID	PREREQUISITS (PREQ) COREQUISITES (CREQ)	Grade
Medical Terminology	13020300 (1 credit)	None	9-12
Health Science Theory	13020400 (1 credit)	PREQ: Biology	10-12
Health Science Clinical	13020410 (2 credits)	PREQ: Biology	10-12
Anatomy and Physiology	13020600 (1 credit)	PREQ: Biology and a second science credit	10-12

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

Kevin Johnson | Kevin.Johnson@tea.texas.gov

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

The Big Spring Independent School District offers career and technical education programs in Family and Consumer Sciences, Trade and Industrial Education, Business Education Career Preparation, and Industrial Technology Education. Admission to these programs is based on interest, aptitude, age appropriateness, and class space available. It is the policy of the Big Spring Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in its career and technology 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. It is the policy of Big Spring Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. The Big Spring Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact the Title IX and/or the Section 504 Coordinator, at Big Spring I.S.D., Administrative Offices, 708 11th Place, Big Spring, Texas 79720, Phone Number (432) 264-3600.