



Nursing

The Nursing program of study focuses on occupational and educational opportunities associated with the nursing field. The program of study includes patient care techniques and other essential skills required in nursing.



Courses for High School Credit

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|---------|--|
| Level 1 | • Principles of Health Science |
| Level 2 | • Medical Terminology |
| Level 3 | • Anatomy and Physiology
• Health Science Theory
• Health Science Clinical |
| Level 4 | • Practicum in Nursing |

Aligned Industry-Based Certifications

- Certified EKG Technician
- Certified Clinical Medical Assistant

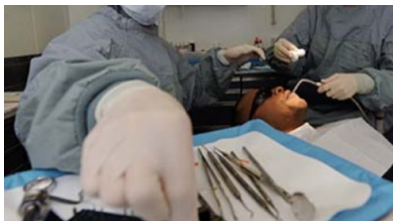
Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities

- Intern with a medical assistant at a community clinic, hospital, assisted living, or long-term care facility
- Participate in job shadowing experiences at a local hospital/clinic

Expanded Learning Opportunities

- Participate in Health Occupation Students of America (HOSA)



Example Postsecondary Opportunities

Apprenticeships

- Certified Nursing Assistant (CNA)

Associate Degrees

- Licensed Practical Nurse (LPN)

Bachelor's Degrees

- Registered Nurse (RN)

Master's, Doctoral, and Professional Degrees

- Advanced Practice Registered Nurse (APRN)
- Doctor of Nursing Practice (DNP)

Additional Stackable IBCs/License

- Certified Diabetes Educator
- Certified Flight Registered Nurse
- Wound Care Certified

Example Aligned Occupations

(Based on statewide employment data)



Nursing Assistants

Median Wage: \$35,110
Annual Openings: 13,501
10-Year Growth: 13%

Licensed Practical and Licensed Vocational Nurses

Median Wage: \$57,007
Annual Openings: 5,831
10-Year Growth: 12%

Registered Nurses

Median Wage: \$85,108
Annual Openings: 16,904
10-Year Growth: 14%



For more information visit:
<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>



Nursing Course Descriptions:

Principles of Health Science- HLT2000 (1 Credit)

Level: 1

Course Fee: \$15

Prerequisite: None

GPA Weight: Regular

The Principles of Health Science course is designed to provide an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry.

Medical Terminology- HLT1000MT (1 Credit)

Level: 2

Course Fee: None

Prerequisite: None

GPA Weight: Regular

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Health Science Theory- HLT3100 (1 Credit)

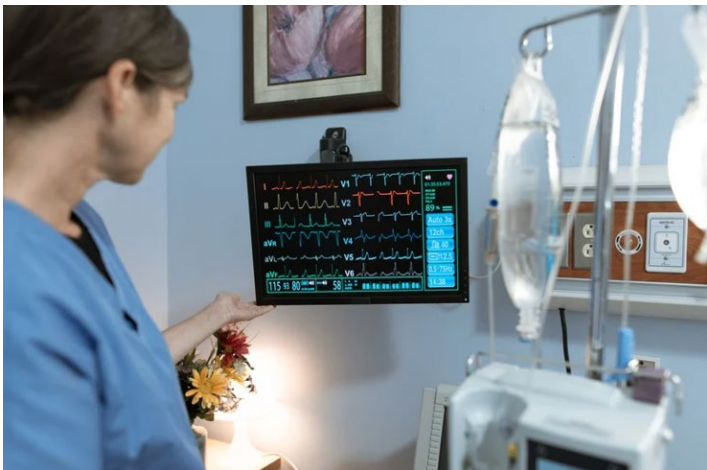
Level: 3

Course Fee: \$15

Prerequisite: Biology and 1 Additional Health Science Course

GPA Weight: Regular

The Health Science Theory 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 skill development.



Health Science Clinicals- HLT2110 (2 Credits)

Level: 3

Prerequisite: Biology and 1 Additional Health Science Course

Course Fee: \$100 + Uniform
GPA Weight: Regular

The Health Science Clinical 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 skill development. Districts are encouraged to offer this course in a consecutive block with Health Science Theory to allow students sufficient time to master the content of both courses.

Anatomy and Physiology- SCI4240(D) (1 Credit)

Level: 3

Prerequisite: Biology and Chemistry, IPC, or Physics

Course Fee: \$15

GPA Weight: Regular or Advanced

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. **Note: This course satisfies a science credit requirement for students on the Foundation High School Program.**

Available for Dual Credit from Lone Star College (BIOL2401, 2)

Practicum in Nursing- HLT3520 (2 Credits)

Level: 4

Prerequisite: Health Science Theory/Clinicals, Biology, and 1 Additional Health Science Course

Course Fee: \$100 +

Uniform

GPA Weight: Regular

Practicum in Nursing is designed to give students practical applications of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of the experience.

