

Principles of Health Science Syllabus

Course Description/Goals:

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. Course content includes interpersonal relationships, anatomy and physiology, ethical/legal responsibilities, health care team concept, medical terminology, basic medical emergency practices, and investigation of various health service related careers. Students will have the opportunity to complete the OSHA 10 hour training program.

Course TEKS/Objectives:

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 health care industry.

<https://tea.texas.gov/about-tea/laws-and-rules/sboe-rules-tac/sboe-tac-currently-in-effect/ch127j.pdf>

Course Outline:

Semester 1	Semester 2
<ul style="list-style-type: none">- Health career exploration- Employability & Leadership- Teamwork & Effective Communication- Skeletal System- History of Healthcare- Healthcare Systems- Legal Obligations- Muscular System	<ul style="list-style-type: none">- Medical Ethics- Integumentary System- Clinical Skills- Circulatory System- Respiratory System- Nervous System- Wellness & Human Needs- Immune System- Lymphatic System- Crosscultural Healthcare

	<ul style="list-style-type: none">- OSHA & Patient Safety- Medical Assisting & Lab Skills- Digestive System- Urinary System- Reproductive System
--	---