

Health Science Theory Syllabus

Course Description/Goals:

This course will foster hands-on exploration through 15 two week modules using Paxton Patterson curriculum which will provide students the opportunity to increase their awareness of the various healthcare careers and skills needed to successfully prepare for the healthcare industry and work toward industry certifications in the future practicum courses.

Course TEKS/Objectives:

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. To pursue a career in the health science industry, students should recognize, learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.

<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
<i>Students will rotate through the following modules; the sequence will vary based on their assigned starting module.</i>	
<ul style="list-style-type: none">-Biomedical Engineering-Biotechnology R&D- Environmental Health & Safety- Health Information Management- Medical Imaging-Mental Health-Nursing	<ul style="list-style-type: none">-Biomedical Engineering-Biotechnology R&D- Environmental Health & Safety- Health Information Management- Medical Imaging-Mental Health-Nursing

- Ophthalmology
- Pharmacology
- Speech Therapy
- Sports Medicine
- Dentistry
- Clinical Lab Practices
- Professional Portfolios

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