

CFISD Principles of Health Science Scope and Sequence

Course Description:

This course is designed for students interested in medical and associated health careers. It gives an overview of the therapeutic, diagnostic, environmental, and informational systems of the healthcare industry. Topics include career requirements, medical history, trends in financing health care, ethical and legal responsibilities, human anatomy and physiology as related to the healthcare profession, client care, safety, first aid, and CPR. This course prepares students for the transition to clinical and/or work-based experiences available in the advanced health science courses. (1 credit)

- This course satisfies the health credit required for graduation.
- Grade level 10-12
- Lab supplies or fees may be required.

TEKS:

Programs of Study: Healthcare Diagnostics, Healthcare Therapeutic, Nursing Science, and Health Informatics

Cluster: Health Science

Endorsement: Public Services

- Meets advanced course requirement (Y/N): N
- Meets foundation requirement for math, science, fine arts, English (Y/N-area): N

Industry Certification/Credentials: American Heart Association - Heartsaver CPR/AED and First Aid (Subject to change due to COVID-19)

Instructional Units (Subject to change due to COVID-19)	Estimated Time
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<p>1st Semester:</p> <ol style="list-style-type: none"> 1. History of Medicine 2. Cultural Diversity 3. Personal Qualities of a Healthcare Worker 4. Healthcare Systems 5. Legal and Ethics 6. Careers 7. World of Work 8. Business and Accounting 	<p>1st Semester:</p> <p>1st Grading Period</p> <ol style="list-style-type: none"> 1. 2 weeks 2. 1 week 3. 2 weeks 4. 3 weeks <p>2nd Grading Period</p> <ol style="list-style-type: none"> 5. 2 weeks 6. 1 week 7. 1 week 8. 2 weeks
<p>2nd Semester</p> <ol style="list-style-type: none"> 1. Medical Math 2. Directional Terms 3. Safety (Body Mechanics, ROM, Fire Safety) 4. Infection Control 5. Vitals, Data and Measurements 6. First Aid/CPR 7. Human Growth and Development 8. Death and Dying 9. Nutrition 	<p>2nd Semester:</p> <p>3rd Grading Period</p> <ol style="list-style-type: none"> 1. 1 week 2. 2 weeks 3. 2 weeks 4. 2 weeks 5. 3 weeks <p>4th Grading Period</p> <ol style="list-style-type: none"> 6. 4 weeks 7. 2 weeks 8. 1 week 9. 2 weeks

Primary Instructional Materials:

- *Diversified Health Occupations* 8th Edition by Simmers, Simmers - Nartker, Simmers - Kobelak : Cengage Learning 2014. (978-1-1-13369-361-1)

Supplemental Instructional Material:

- Health Center 21
 - <https://learn.aeseducation.com/>
- American Heart Association
 - Heartsaver® CPR AED Student Workbook
- <https://www.txcte.org>