Rev for Fall, 2018

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 fee may be required.

TEKS

Cluster: health Science

Endorsement:Public Services

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

Industry Certification/Credentials: American Heart Association-Heartsaver CPR

Instructional Units	Pacing
1st Semester: ● Introduction ● Technology 101 ● History of Medicine ● Healthcare Systems ● Computers and Technology in Health Care ● Medical Terminology and Abbreviations (throughout semester) ● Legal and Ethical Responsibilities ● Careers in Health Care ● HOSA ● Personal Qualities of a Healthcare Worker ● Cultural Diversity ● Body Planes and Directional Terms ● Infection Control ● TEKS Test Final Exams	1st grading pd 2nd grading pd

Rev for Fall, 2018

2nd Semester: ● Medical Terminology and Abbreviations (throughout semester) ● Anatomy and Physiology: Circulatory System ● Anatomy and Physiology: Respiratory System ● Vital Signs ● CPR and First Aid ● Human Growth and Development ● Body Mechanics/Safety ● Preparing for the World of Work ● Business and Accounting Skills ● Anatomy and Physiology: Review of Body Systems ● TEKS Test ● Final Exams	3rd grading pd 4th grading pd

Primary Instructional Materials:

Diversified Health Occupations 8th Edition by Simmers, Simmers - Nartker, Simmers – Kobelak ISBN-97813054993396. Publisher: Cengage Learning

Supplemental Instructional Material:

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