

CFISD Health Science Theory/Clinicals

Scope and Sequence

Endorsement: Public Service Cluster: Health Science
Meets advanced course requirement? YES Program of Study: Diagnostic & Therapeutic Services
Meets foundation requirement for math, science, fine arts, English, LOTE? NO

Course Description:

Health Science Theory & Clinical provides in-depth knowledge and skills related to a wide variety of career opportunities, advanced medical terminology, anatomy and physiology, and pathophysiology as related to the healthcare profession. Key components of this course are industry certifications, standard precautions, and ethics. The students will apply these concepts and practice entry-level occupational skills in both classroom and clinical settings, such as hospitals or other medical-related agencies.

TEKS link(theory) and link (clinicals)

- 2 credits
- Grades 11-12
- Lab supplies or fee may be required
- Required prerequisites:Principles of Health Science, Medical Terminology, and Biology, and verification of clinical site requirements (requirements vary by clinical site)
- A declaration of interest form may be required if demand exceeds the number of available slots.

Industry Certification/Credential: AHA Basic Life Support CPR, OSHA 10-Hour, Certified EKG Technician
TEA recognized IBC (to count toward program of study completion)? YES

Instructional Units	Grading Period
● Review Clinical Rules and Expectations/Paperwork ● BLS CPR/OSHA (Certification - September) ● HOSA-Leadership ● Legal and Ethics ● Infection Control ● Industry Expectations ● Communication ● Documents and Records ● Career and Employment in Healthcare ● Vital Signs ● Medical Terminology & Abbreviations (Pharmacology Focused-Throughout Semester) ● Computers and Technology in Healthcare (Throughout Semester)	N1/N2 (fall)

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● Admissions, Transfers, Discharges ● Activities of Daily Living, Skills, and Disease of Impact ● Wellness ● Medical Math ● EKG Technician (CET Certification - Mid May) ● Medical Terminology & Abbreviations (Pharmacology Focused-Throughout Semester) ● Computers and Technology in Healthcare (Throughout Semester) ● Body Systems Structure and Function (Review throughout the year)	N3/N4 (spring)
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Primary Instructional Materials: Diversified Health Occupations, 9th Edition by Simmers, Simmers-Nartker, Simmers-Kobelak. Cengage Learning 2022, ISBN: 9780357419991

Supplementary Instructional Materials: Clinical Rotations 2, 2nd Edition by Lois Thomson, Cathy Trocquet. Cengage Learning 2014 ISBN 9781111640507