

CFISD Practicum in Health Science Scope and Sequence

Course Description:

While earlier courses in health science provide students with an overview of the healthcare industry, this course allows students to select and pursue a specialization. Students will have the opportunity to gain knowledge and develop advanced clinical skills needed for a specific certification or licensure in an allied health career such as Pharmacy Technician, Certified Nursing Aide (CNA), or Emergency Medical Technician. Because training requirements vary by specialization, a program application process is required to determine the most appropriate method(s) of instruction. These may include classes on a college campus, pre-employment labs in the classroom, clinical internships or employment, or a combination (1-2 credits)

- Grade 12
- Required prerequisite: Principles of Health Science, Biology and an advanced health science course (Health Science Theory/Clinicals, Anatomy and Physiology K, Forensic Science K, Pathophysiology K, and/or World Health Research).
- An application is required for all areas (CNA, EMT, Pharmacy Technician, and Work Study).
- CNA, EMT and Pharmacy Tech Certifications satisfy the requirement to earn a performance acknowledgment.
- Lab supplies and/or fees are required based on chosen area of study.

Students participating in CNA or EMT classes are enrolled for one semester however can take in conjunction with work study.

[TEKS](#)

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

Cluster: Health Science

Endorsement: Public Services

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

Industry Certification/Credentials: Emergency Medical Technician, Certified Nurse Assistant and Pharmacy Technician follow established proprietary and/or state approved preparation programs including skill practice and job shadowing/training for state certification exam

Instructional Units	Pacing
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<p>1st Semester</p> <p>Certified Nurse Assistant and Pharmacy Technician curriculum is aligned to content leading to certification in these areas.</p> <p>The following is for non-certification programs:</p> <ul style="list-style-type: none"> ● Preparation for Practicum - Infection control and safety; Basic Life Support (BLS) CPR; Occupational Safety and Health Administration certification (OSHA). ● Multi- Competent Health Care Worker ● Career Prep: Portfolio Project – Year Long Culminating Project. 	<p>1st grading pd</p>
<ul style="list-style-type: none"> ○ Academic Requirement Research - ● Career Pathways <ul style="list-style-type: none"> ○ Career Pathway research <ul style="list-style-type: none"> ■ College Research ■ Presentations ● Communication <ul style="list-style-type: none"> ○ Advanced Human Relations ○ Communication Barriers ○ Patient Education ○ Technical Writing ● Teamwork/Teambuilding <ul style="list-style-type: none"> ○ Project Management ○ Service Learning ○ Community Service Project Idea <p>Team Teaching</p>	<p>2nd grading pd</p>

Supplemental Instructional Materials:

- Clinical Rotations 2, 2nd Edition by Lois Thomson, Cathy Trocquet. Cengage Learning 2014 ISBN 9781111640507
- Diversified Health Occupations, 8th Edition by Simmers, Simmers-Nartker, Simmers-Kobelak. Cengage Learning 2014, ISBN: 9781133693611
 - www.nglreview.cengage.com
- Nursing Assistant-A Nursing Process Approach, Eleventh Edition by Barbara Acello and Barbara Hegner. Cengage Learning 2016. ISBN- 13-9781133132370
 - www.nglreview.cengage.com
- Memmler's The Human Body in Health and Disease, (various editions) by Barbara Janson Cohen and Jason James Taylor. Lippincott Williams & Wilkins 2005. ISBN- 13: 0-7817-4232-3
- Mosby's Review for the Pharmacy Technician, 4th Edition. ISBN-13: 978-1455751785
- Math Calculations for Pharmacy Technicians, 2nd Edition. ISBN-13: 978-1437723663
- <http://cte.unt.edu> (As of 8/31/2017 this website will no longer be available but supplemental materials have been used)
- www.txcte.org
- <http://CareerSafeOnline.com>
- Health Center 21
- www.WebMD.com
- zSpace Curriculum