

Course Overview	The Science of Nursing course introduces students to basic research-based concepts in nursing. Topics include the nursing process, the importance of critical thinking to patient care, regulatory agencies, and professional organizations. Instruction includes skills needed to pursue a nursing degree and training requirements required for specialty nursing roles. Knowledge and skills learned will include emergency care, patient assessment, basic interpretation of vital signs, identification of patients with physical and mental disabilities, patient positioning, use of assistive devices, and application of nursing theories in patient care plans.
Course Standards	<u>Rule §127.512 - Science of Nursing</u>
Instructional Materials	Course Materials

Scope & Sequence

Units/Modules & Instructional Days	Assessments & Scanning Deadlines	Standards
Nursing Science Pre-test Window: ALL Regions: Aug 24 – Sep 12, 2026, Scanning Deadline: September 11 th , 2026		
Unit 1: Therapeutic Care & Nurse Career Pathways 16 days	TX_CTE_10thScienceofNursing_F26_UE1 Scanning Deadline: September 24, 2026	Unit Standards
Unit 2: The Nursing Process 17 days	TX_CTE_10thScienceofNursing_F26_UE2 Scanning Deadline: October 15, 2026	
Unit 3: The Nursing Process Applied 19 days	TX_CTE_10thScienceofNursing_F26_UE3 Scanning Deadline: November 12, 2026	
Unit 4: Critical Thinking in the Nursing Process 10 days	TX_CTE_10thScienceofNursing_F26_UE4 Scanning Deadline: December 3, 2026	
Unit 5: Pharmacology in Nursing 19 days	TX_CTE_10thScienceofNursing_S27_UE5 Scanning Deadline: January 21, 2027	
Unit 6: Technology in Nursing 10 days	TX_CTE_10thScienceofNursing_S27_UE6 Scanning Deadline: February 4, 2027	
Unit 7: First Aid & Emergency Care 17 days	TX_CTE_10thScienceofNursing_S27_UE7 Scanning Deadline: March 4, 2027	
Unit 8: Professionalism & Employment 14 days	TX_CTE_10thScienceofNursing_S27_UE8 Scanning Deadline: April 1, 2027	
Patient Care Portfolio Project 14 days	N/A	
SoNS Cumulative Review 20 Days	N/A	
Final Exam: May 17-21, 2027, Sanning Deadline: May 21, 2027		
EP & HOU: May 10 - 14, 2027 Scanning Deadline: May 14, 2027 SA: May 12 - 18, 2027 Scanning Deadline: May 18, 2027 RGV, AUS, PB, DFW: May 17 - 21, 2027 Scanning Deadline: May 21, 2027		

TEKS Alignment

Instruction in this course is aligned to the Texas Essential Knowledge and Skills (TEKS) as adopted by the State Board of Education and implemented in accordance with Texas Education Code Chapter 28.

Instructional Materials

Primary Texts (if applicable)

Supplemental instructional materials may be used to support instruction. Supplemental materials do not replace board-approved core instructional materials.

Additional information regarding instructional programs, assessments, and parent access to instructional materials is available on the district website.

Instructional Expectations

Instruction is delivered using board-approved instructional materials and aligned to the scope and sequence outlined above. Teachers are expected to ensure all required standards are taught within the course timeframe.

Assessment Overview

Student learning is monitored through formative and summative assessments aligned to course standards. Assessment results are used to inform instruction and student supports. Students participate in required state assessments when applicable.