



Medical Terminology (Proc 24)

PRE-TEST/POST-TEST TEKS BLUEPRINT

Pre-Test/Post-Test Development Overview

TEKS Addressed Selection Process

The Texas Essential Knowledge & Skills (TEKS) included in the course pre-test and post-test were selected for their direct relevance to the course content. This selection process was guided by the goal of assessing learners' understanding of specific topics and skills that are integral to the course. As a result, TEKS related to general employability skills or broader topics were often excluded. This focus ensures that the assessments accurately measure students' mastery of the subject matter, allowing educators to gain a clear insight into areas where students excel or may need additional support. By concentrating on content-specific TEKS, the tests provide a more precise evaluation of the students' knowledge and understanding of the core material.

Test Question Development Process

The questions created for the pre-test and post-test were designed using psychometric principles to ensure they are of high quality and fairness. This approach helps to accurately assess student understanding. These principles guide the development of questions to be reliable, valid, and free from bias, ensuring that they effectively measure the knowledge and skills the students are expected to acquire in the course.

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Knowledge & Skills Statement	Student Expectation	iCEV Lesson Title
(2) The student recognizes the terminology related to the health science industry. The student is expected to:	(A) identify abbreviations, acronyms, and symbols related to the health science industry;	Medical Terms and Terminology: Abbreviations, Acronyms and Symbols
(2) The student recognizes the terminology related to the health science industry. The student is expected to:	(B) recognize the incorrect use of abbreviations, acronyms, and symbols through review of The Joint Commission's "Do Not Use List";	Medical Terms and Terminology: Abbreviations, Acronyms and Symbols
(2) The student recognizes the terminology related to the health science industry. The student is expected to:	(C) identify and define the component parts of medical words, including root, prefix, suffix, and combining vowels;	Medical Terms and Terminology: Anatomy of a Term
(2) The student recognizes the terminology related to the health science industry. The student is expected to:	(D) practice word-building skills;	Medical Terms and Terminology: Anatomy of a Term
(2) The student recognizes the terminology related to the health science industry. The student is expected to:	(E) research the origins of eponyms;	Medical Terms and Terminology: Abbreviations, Acronyms and Symbols
(2) The student recognizes the terminology related to the health science industry. The student is expected to:	(F) recall directional terms and anatomical planes related to body structure;	Medical Terms and Terminology: Anatomy of a Term
(2) The student recognizes the terminology related to the health science industry. The student is expected to:	(G) define and accurately spell occupationally specific terms such as those relating to the body systems, surgical and diagnostic procedures, diseases, and treatment; and	Morphemes: Digestive System Morphemes: Immune System Morphemes: Skeletal System Morphemes: Cardiovascular System Morphemes: Integumentary System Morphemes: Muscular System Morphemes: Nervous System Morphemes: Special Senses Morphemes: Reproductive System Morphemes: Endocrine System Morphemes: Respiratory System Morphemes: Urinary System
(2) The student recognizes the terminology related to the health science industry. The student is expected to:	(H) use prior knowledge and experiences to understand the meaning of terms as they relate to the health science industry.	Morphemes: Cardiovascular System Morphemes: Reproductive System
(3) The student demonstrates communication skills using the terminology applicable to the health science industry. The student is expected to:	(A) demonstrate appropriate verbal strategies such as correct pronunciation of medical terms and written strategies such as correct spelling in a variety of health science scenarios;	Morphemes: Digestive System Morphemes: Urinary System
(3) The student demonstrates communication skills using the terminology applicable to the health science industry. The student is expected to:	(B) employ increasingly precise language to communicate; and	Medical Terminology: Translation and Communication
(3) The student demonstrates communication skills using the terminology applicable to the health science industry. The student is expected to:	(C) translate technical material related to the health science industry.	Medical Terminology: Translation and Communication
(4) The student examines available resources. The student is expected to:	(A) examine medical and dental dictionaries and multimedia resources;	Medical Terminology: Resources
(4) The student examines available resources. The student is expected to:	(B) integrate resources to interpret technical materials; and	Medical Terminology: Resources
(4) The student examines available resources. The student is expected to:	(C) investigate electronic and digital media with appropriate supervision.	Medical Terminology: Resources
(5) The student interprets medical abbreviations. The student is expected to:	(A) distinguish medical abbreviations used throughout the health science industry; and	Medical Terms and Terminology: Abbreviations, Acronyms and Symbols
(5) The student interprets medical abbreviations. The student is expected to:	(B) translate medical abbreviations in simulated technical material such as physician progress notes, radiological reports, and laboratory reports.	Medical Terms and Terminology: Abbreviations, Acronyms and Symbols
(6) The student appropriately translates health science industry terms. The student is expected to:	(A) interpret, transcribe, and communicate vocabulary related to the health science industry;	Medical Terminology: Translation and Communication
(6) The student appropriately translates health science industry terms. The student is expected to:	(B) translate medical terms to conversational language to facilitate communication;	Medical Terminology: Translation and Communication

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(6) The student appropriately translates health science industry terms. The student is expected to:	(C) distinguish medical terminology associated with medical specialists such as geneticists, pathologists, and oncologists;	Medical Terminology: Specialty Fields
(6) The student appropriately translates health science industry terms. The student is expected to:	(D) summarize observations using medical terminology; and	Medical Terminology: Translation and Communication
(6) The student appropriately translates health science industry terms. The student is expected to:	(E) interpret contents of medical scenarios correctly.	Medical Terminology: Translation and Communication