

Introduction to Medical Terminology

Course Overview

The health care industry employs millions of people and is continually seeking skilled workers. The Workforce Access *Introduction to Medical Terminology* online course is aimed at helping learners develop a foundational understanding of medical terminology, and to build the academic and workplace skills needed for success in postsecondary or career training. Students are introduced to different jobs in the four sectors of the Health Science industry that require the use of medical terminology:

- Diagnostic
- Therapeutic
- Support
- Health Informatics
- Biotechnology Research and Development.

Learning Outcomes

While taking this course, students will learn to:

- Identify uses of medical terminology, especially as they relate to communicating with others
- Recognize the importance of precision and fluency in both written and verbal communication in health care
- Define and identify the word parts that make up most medical terms—roots, combining vowels, combining forms, suffixes, and prefixes—as well as the different classes of suffixes and prefixes and how those word parts affect the meaning of their adjoining roots and roots/combining forms
- Deconstruct common medical terms into their individual elements, combine elements to create common medical terms, and identify plural forms of medical terms
- Identify and pronounce medical terms for cells, tissues, and organs; that describe anatomical positions, planes, and directions; and associated with the four abdominal quadrants and three central regions of the abdomen
- Identify and pronounce medical terms associated with the structure, functions, and disorders of the body
- Identify and pronounce medical terms relating to the fields of pharmacology, pediatrics, geriatrics, mental health, oncology, and surgery; including terms for developmental stages, conditions, disorders, surgical and non-surgical treatments, and pharmaceuticals
- Develop reading for information, locating information, and applied mathematics skills contextualized to real-world situations where fluency in medical terminology is required

Modes of Course Delivery

The *Introduction to Medical Terminology* course can be used as a core curriculum or as a supplement to enhance regular instruction. Because of this flexibility, the course can be delivered in a self-paced or a customized mode. Custom mode allows instructors to assign individual lessons and assessments and set the pace for the course.

Pacing and Course Duration

Sample 10-week and 12-week pacing guides are provided in the Teacher Planning Guide. The pacing guides can be used as is or adapted to account for shorter or longer terms to suit individual needs. Each of the lessons requires approximately 40-50 minutes of study. Additional academic skill support lessons, discussion prompts, and writing activities can be used to enhance students' learning.

Assessments and Reporting

Assessments for the course include interactive formative assessments within each lesson, as well as scored pretests and posttests for each lesson. Teachers and students can generate reports to show progress and mastery of industry and academic knowledge of skills.

How to Access *Introduction to Medical Terminology*

When you order *Introduction to Medical Terminology*, you will access everything you need in the ConnectED Learning Management System, including the core lessons, academic skill support lessons, teacher planning guide, lesson plans, and other useful resources. For more information on this or other *Workforce Access* courses, please go to www.workforceaccess.com.

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