

HTEC-1050: INTRODUCTION TO MEDICAL TERMINOLOGY

Cuyahoga Community College

Viewing: HTEC-1050 : Introduction to Medical Terminology

Board of Trustees:

1/30/2025

Academic Term:

Fall 2025

Subject Code

HTEC - Health Technology

Course Number:

1050

Title:

Introduction to Medical Terminology

Catalog Description:

Introduction to medical terminology used by health care professionals with emphasis on basics of word building, defining, spelling, reading practice, and pronunciation. Designed to provide students with a foundation for medical word building and to help students who intend to enroll in Medical Terminology I and/or Anatomy and Physiology.

Credit Hour(s):

2

Lecture Hour(s):

2

Lab Hour(s):

0

Other Hour(s):

0

Requisites

Prerequisite and Corequisite

None.

Outcomes

Course Outcome(s):

Use the rules of medical terminology to correctly spell, define, and pronounce terms used by health care professionals.

Objective(s):

1. Identify components of a medical word: word root, combining vowel, combining form, prefix, and suffix.
2. Explain the rules for proper medical term formation, pronunciation, and spelling.
3. Spell, define, and pronounce assigned prefixes.
4. Spell, define, and pronounce assigned suffixes.
5. Construct a correctly spelled medical term when given a definition or a group of components.
6. Spell, define, and pronounce assigned abbreviations.

Course Outcome(s):

Discuss basic anatomy, word components, and vocabulary for the following systems: whole body terminology, musculoskeletal, respiratory, digestive, urinary, reproductive, nervous, cardiac, and the integumentary system.

Objective(s):

1. Spell, define, identify, and pronounce assigned combining forms for the body as a whole and the musculoskeletal, respiratory, digestive, urinary, reproductive, nervous, cardiac, and integumentary systems.
 2. Spell, define, and pronounce commonly used vocabulary terms pertaining to the body as a whole and the musculoskeletal, respiratory, digestive, urinary, reproductive, nervous, cardiac, and integumentary systems.
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Methods of Evaluation:

1. Class discussion and activities
2. Homework, written assignments
3. Quizzes
4. Examinations
5. Comprehensive final examination

Course Content Outline:

1. Rules for proper medical term formation
 - a. Combining rules
 - b. Multiple root combinations
 - c. Exceptions to rules
 - d. Word analysis
 - i. Identification of components
 - ii. Definition of components
 - e. Word building
 - i. Combining rules
 - ii. Order of components
 - iii. Pronunciation
2. Word components
 - a. Prefix
 - i. Identification
 - ii. Definitions
 - iii. Pronunciation
 - iv. Combining rules
 - v. Exceptions to rules
 - b. Suffix
 - i. Identification
 - ii. Definitions
 - iii. Pronunciation
 - iv. Combining rules
 - v. Exceptions to rules
 - vi. Noun suffixes
 - vii. Adjective suffixes
 - c. Word root
 - i. Identification
 - ii. Combining rules
 - d. Combining Vowel
 - i. Identification
 - ii. Combining rules
 - e. Combining forms
 - i. Identification
 - ii. Definitions
 - iii. Pronunciation
 - iv. Combining rules
3. Terminology for the body as a whole and the musculoskeletal, respiratory digestive, urinary, reproductive, nervous, cardiac, and integumentary systems
 - a. Whole body terminology
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations

- b. Musculoskeletal system
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations
- c. Respiratory system
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations
- d. Digestive system
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations
- e. Urinary system
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations
- f. Reproductive system
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations
- g. Nervous system
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations
- h. Cardiac system
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations
- i. Integumentary system
 - i. Anatomic combining forms
 - ii. Components
 - iii. Selected vocabulary and abbreviations

Resources

Fremgen, Bonnie F., and Suzanne . *Medical Terminology: A Living Language*. 8th ed. Pearson, 2023.

Frucht, Suzanne. *Medical Terminology: Get Connected!*. 3rd ed. Pearson, 2020.

O'Toole, Mary T., editor. *Mosby's Dictionary of Medicine, Nursing, & Health Professions*. 11th ed. Elsevier, 2022.

Venes, Donald, editor. *Taber's Cyclopedic Medical Dictionary*. 24th ed. F.A. Davis, 2022.

Resources Other

Harper, D. (2021). Online etymology dictionary. <http://etymonline.com/>

Frucht, S. (2020). Pearson's MyLab medical terminology. <http://pearson.com>

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