

Syllabus

Applied Medical Terminology, Semester A

Course Overview

This one-semester course is intended to help you familiarize yourself with the medical terminology related to the human body systems. This course has 14 lessons organized into three units, plus three Unit Activities. Each lesson contains one or more Lesson Activities.

This course will cover the structure of the human body systems and their functions. It will also include medical terminology related to diseases, disorders, medical procedures, and treatment for each body system.

You will submit the Unit Activity documents to your teacher, and you will grade your work in the Lesson Activities by comparing them with given sample responses. The Unit Activities (submitted to the teacher) and the Lesson Activities (self-checked) are the major components of this course. There are other assessment components, namely the mastery test questions that feature along with the lesson; the pre- and post-test questions that come at the beginning and end of the unit, respectively; and an end-of-semester test. All of these tests are a combination of simple multiple-choice questions and technology enhanced (TE) questions.

Course Goals

This course will help you meet the following goals:

- Explore the history of medical terminology and identify the components of medical terms.
- Identify medical abbreviations, acronyms, and symbols.
- Understand the body structure.
- Identify the human body planes and cavities.
- Discuss the directional terminology used to describe the positions of various structures.
- Understand the structure and functions of the human body systems.
- Identify the medical terminology related to diseases and disorders for each body system.
- Identify the medical terminology related to medical procedures and treatment for each body system.
- Explore health science specializations related to each body system.

Prerequisite Skills

Applied Medical Terminology—A has the following prerequisites:

- basic computer skills
- ability to structure and process information
- familiarity with the writing process and following guidelines

General Skills

To participate in this course, you should be able to do the following:

- Perform basic operations with word processing software, such as Microsoft Word or Google Docs.
- Perform online research using various search engines and library databases.
- Communicate through email and participate in discussion boards.

For a complete list of general skills that are required for participation in online courses, refer to the Prerequisites section of the Plato Student Orientation document, found at the beginning of this course.

Credit Value

Applied Medical Terminology—A is a 0.5-credit course.

Course Materials

- Notebook
- Computer with Internet connection and speakers or headphones
- Microsoft Word or equivalent
- Microsoft Excel or equivalent
- Microsoft PowerPoint or equivalent
- Microsoft Excel or equivalent

Course Pacing Guide

This course description and pacing guide is intended to help you stay on schedule with your work. Note that your course instructor may modify the schedule to meet the specific needs of your class.

Unit 1: Medical Terminology

Summary

In this unit, students learn about the history of medical terminology and identify the basic components of medical terms. They will learn about various medical abbreviations, acronyms, and symbols used in health care. Additionally, they will discuss the structure, planes, and cavities of the human body and their respective positions.

Day	Activity/Objective	Type
1 day: 1	Syllabus and Plato Student Orientation <i>Review the Plato Student Orientation and Course Syllabus at the beginning of this course.</i>	Course Orientation
4 days: 2–5	Introduction to Medical Terminology <i>Explore the history of medical terminology and describe the basic components of medical terms.</i>	Lesson
4 days: 6–9	Abbreviations, Acronyms, and Symbols <i>Describe medical abbreviations, acronyms, and examine the meanings of medical symbols.</i>	Lesson
4 days: 10–13	Body Structure and Directional Terminology <i>Identify and explain the structure, planes, and cavities of the human body and their respective positions.</i>	Lesson
1 day: 14	Space Jumble	Game
5 days: 15–19	Unit Activity/Threaded Discussion—Unit 1	Unit Activity
1 day: 20	Posttest—Unit 1	Assessment

Unit 2: Musculoskeletal, Integumentary, Endocrine, Nervous, and Lymphatic and Immune Systems

Summary

In this unit, students learn about the structure and functions of each body system. They will identify the medical terminology related to various diseases, disorders, medical procedures, and treatments for each system. Additionally, they will explore health science specializations related to each body system.

Day	Activity/Objective	Type
5 days: 21–25	The Musculoskeletal System <i>Describe the musculoskeletal system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
5 days: 26–30	The Integumentary System <i>Describe the integumentary system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
5 days: 31–35	The Endocrine System <i>Describe the endocrine system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
5 days: 36–40	The Nervous System and Mental Health <i>Examine how the nervous system is the control and communication center of the body.</i>	Lesson
5 days: 41–45	The Lymphatic and Immune System <i>Discuss how the lymphatic and immune systems fight infection and defend the body from disease.</i>	Lesson
1 day: 46	Para Jumble	Game
5 days: 47–51	Unit Activity/Threaded Discussion—Unit 2	Unit Activity
1 day: 52	Posttest—Unit 2	Assessment

Unit 3: Respiratory, Cardiovascular, Sensory, Reproductive, Digestive, and Excretory Systems

Summary

In this unit, students learn about the structure and functions of each body system. They will identify the medical terminology related to various diseases, disorders, medical procedures, and treatments for each system. Additionally, they will explore health science specializations related to each body system.

Day	Activity/Objective	Type
5 days: 53–57	The Respiratory System <i>Describe the respiratory system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
5 days: 58–62	The Cardiovascular System <i>Describe the cardiovascular system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
5 days: 63–67	The Sensory System <i>Describe the sensory system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
5 days: 68–72	The Male and Female Reproductive Systems <i>Describe the reproductive system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
5 days: 73–77	The Digestive System <i>Describe the digestive system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
5 days: 78–82	The Excretory System <i>Describe the excretory system, and its related functions, disorders, specializations, and procedures.</i>	Lesson
1 day: 83	Thwack-A-Mole	Game
4 days: 84–87	Unit Activity/Threaded Discussion—Unit 3	Unit Activity
1 day: 88	Posttest—Unit 3	Assessment
1 day: 89	Semester Review	

Day	Activity/Objective	Type
1 day: 90	End-of-Semester Test	Assessment