

## **Medical Terminology**

HLTH 035 055

Credits: 0.5 units / 5 hours

### **Course Description**

Medical Terminology course introduces you to the language of medicine. Through numerous activities, you will learn the meanings of word parts and spell, pronounce, break down, and build medical terms integral to the field of health sciences. This course is organized by body system and uses a workbook-style textbook that covers essential root words, prefixes, suffixes, and abbreviations while also summarizing common diseases and disorders, diagnostic tests and procedures, and therapeutic treatments. This course will help you learn and practice using these terms as you interpret examples of medical records and become comfortable with the word parts you need to master in using medical terminology. Practical activities that involve medical record interpretation and healthcare case studies will bring medical terminology to life by offering you a window into the healthcare field.

**Graded Assessments:** 3 Unit Evaluations; 2 Projects; 2 Proctored Progress Tests

### **Course Objectives**

There are more specific objectives listed individually in each lesson, but the ultimate goal is that, by the end of the course, you will know and use these facts, concepts, principles, theories, and models to gain a better grasp on the following and be able to:

1. Identify the eleven major body systems, cite their primary functions, and pronounce and spell medical terms related to them.
2. Identify and define the root words, prefixes and suffixes that make up the language of medical terminology.
3. Use the basic word parts of medical terminology to identify, define, and build medical terms.
4. Use your understanding of medical terminology to interpret medical records.

### **Course Outline**

#### **Unit 1: Integumentary, Digestive and Musculoskeletal Systems**

Textbook Chapters 1-4

Lesson 1: Introduction to Medical Terminology

Lesson 2: The Integumentary System

Lesson 3: The Digestive System

Lesson 4: The Musculoskeletal System

Unit Evaluation 1 - 10%

Project 1 – 15%

Progress Test 1 – 19%

**Unit 2: Lymphatic and Immune Systems, Eye and Ear, Male and Female Reproductive Systems, and Nervous System**

Textbook Chapters 5-8

Lesson 5: The Lymphatic and Immune Systems

Lesson 6: Special Sensory Organs: Eye and Ear

Lesson 7: The Nervous System (including Psychiatric Conditions)

Lesson 8: The Male and Female Reproductive Systems

Unit Evaluation 2 - 10%

**Unit 3: Respiratory, Cardiovascular Systems, Endocrine System, and Urinary System**

Textbook Chapters 9-12

Lesson 9: The Respiratory System

Lesson 10: The Cardiovascular System

Lesson 11: The Endocrine System

Lesson 12: The Urinary System

Unit Evaluation 3 - 10%

Project 2 – 15%

Progress Test 2 – 21%

**Career Connections – Professions introduced:**

Medical Coder

Phlebotomist

Radiographer or medical imaging technologist

Immunology research assistant

Audiologist

Neurologist

Certified Nurse Midwife

Medical assistant

Respiratory Therapist

Cardiologist

Kinesiologist

Physical Therapist

**Required Textbook and Materials s**

(available through Follett virtual bookstore at <http://highschool.nebraska.bkstr.com>)

*Medical Terminology: Mastering the Basics.* 2019. G-W Publisher. ISBN: 9781635635041