

Virginia Western Community College

HLT 143

Medical Terminology I

Prerequisites

A placement recommendation for ENG 111, co-enrollment in ENF 3/ENG 111 or successful completion of all developmental English requirements.

Course Description

Provides an understanding of medical abbreviations and terms. Includes the study of prefixes, suffixes, word stems, and technical terms with emphasis on proper spelling, pronunciation, and usage. Emphasizes more complex skills and techniques in understanding medical terminology. Part I of II.

Semester Credits: 3

Lecture Hours: 3

Lab/Clinical/Internship Hours: 0

Required Materials

Textbook:

The Language of Medicine, Chabner, 11th Edition. ISBN: 978032370813

Supplementary Materials:

Several resource textbooks are located in the Radiography Lab
Textbook contains online support material

Course Outcomes

At the completion of this course, the student should be able to:

- Understand the concepts and importance of medical terms and meanings in healthcare and understand pertinent anatomy, physiology and pathology terms
- Be familiar and state medical prefixes, suffixes, combining vowels and roots
- Define medical terms
- Combine prefixes, suffixes, combining vowels and roots to make medical terms

Topical Description

After completion of specific sections of each chapter the student will be able to identify, define, build term combinations, understand anatomy, pathology and physiology plus understand pronunciation of terms for the following:

Chapter 1: Basic Word Structure

- Objectives in Studying the Medical Language
- Word Analysis
- Combining Forms, Prefixes, Suffixes

Chapter 2: Terms Pertaining to the Body as a Whole

- Structural Organization of the Body
- Body Cavities
- Regions & Quadrants
- Divisions of the Spinal Column
- Planes of the Body
- Combining Forms, Prefixes, Suffixes

Chapter 3: Suffixes

- Combining Forms
- Suffixes & Terminology
- Appendices

Chapter 4: Prefixes

- Combining Forms
- Prefixes & Terminology
- Appendices

Chapter 5: Digestive System

- Anatomy & Physiology
- Vocabulary
- Combining Forms, Suffixes and Prefixes
- Pathology of the Digestive System

Chapter 6: Additional Suffixes and Digestive System Terminology

- Suffixes
- Combining Forms
- Laboratory Tests and Clinical Procedures
- Practical Application

Chapter 7: Urinary System

- Anatomy and Major Organs
- How the Kidneys Produce Urine
- Vocabulary
- Terminology: Structure, Substances and Urinary Symptoms
- Laboratory Tests and Clinical Procedures
- Practical Application

Chapter 8: Respiratory System

- Anatomy and Physiology of Respiration
- Vocabulary
- Combining Forms, Suffixes and Terminology
- Diagnostic and Pathologic Terms
- Clinical Procedures
- Practical Application

Chapter 9: Musculoskeletal System

- Bones
- Joints
- Muscles
- Vocabulary
- Laboratory Tests and Clinical Procedures
- Practical Application

Chapter 10: Radiology, Nuclear Medicine and Radiation Therapy

- Radiology
- Nuclear Medicine
- Radiation Therapy
- Vocabulary
- Combining Forms, Suffixes, Prefixes and Terminology

Chapter 11: Skin

- Anatomy
- Vocabulary
- Abnormal Conditions
- Neoplasms
- Laboratory Test and Clinical Procedures

Note to Instructors

1. Syllabus should state what the course grade will be based on, such as tests, quizzes, a comprehensive final exam and any other assignments made by the instructor.