

Virginia Western Community College
School of Health Professions
3098 Colonial Avenue, S.W.
Roanoke, VA 24015

Medical Terminology II

Prerequisites

Successful completion of HLT 143

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.

Semester Credits: Lecture 3 hours per week.

Required Materials:

Textbook: Chabner, Davi-Ellen. (2017). The Language of Medicine. (12th ed.). Missouri: Elsevier. ISBN: 978-0-323-37081-3

Other Required Materials:

A medical dictionary is NOT required for this class. If you wish to purchase one, it is optional. You may choose the one that will best suit the requirements of your future studies.

Topical Description:

1. Abbreviations, prefixes, suffixes, and root words of terminology used in the medical field. Introduces anatomy and physiology, pathological conditions, diagnostic tests, procedures, and treatment for common medical disorders.
2. Spelling, defining, and pronouncing medical terms.
3. Course outcome assessment will be achieved using a combination of the following: case studies, individual projects, quizzes, tests, discussions boards and virtual field trips.

Course Outcomes:

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

1. Identify structures and describe functions of each of the body systems.
2. Describe common diseases and disorders within each of the body systems.

3. Describe common laboratory tests and medical procedures.
4. Identify and interpret complex medical terms by breaking them into their component word parts in order to decipher their meaning.
5. Build medical words from their component word parts.
6. Spell and pronounce common medical words.

Chapter 8 Female Reproductive System

- Organs of the Female Reproductive System
- Menstruation and Pregnancy
- Vocabulary, Terminology, and Abbreviations
- Pathology: Gynecologic, Breast, Pregnancy, and Neonatal
- Clinical Tests and Procedures

Chapter 9 Male Reproductive System

- Anatomy
- Vocabulary, Terminology, and Abbreviations
- Pathological Conditions; Sexually Transmitted Diseases
- Laboratory Tests and Clinical Procedures

Chapter 10 Nervous System

- General Structure of the Nervous System
- Neurons, Nerves, and Glial Cells
- The Brain
- The Spinal Cord and Meninges
- Vocabulary, Terminology and Abbreviations
- Pathology, Laboratory Tests and Clinical Procedures

Chapter 11 Cardiovascular System

- Blood Vessels and the Circulation of Blood
- Anatomy and Physiology of the Heart
- Blood Pressure
- Vocabulary, Terminology and Abbreviations
- Pathology: The Heart and Blood Vessels
- Laboratory Tests and Clinical Procedures

Chapter 13 Blood Systems

- Composition and Formation of Blood
- Blood Types and Blood clotting
- Vocabulary, Terminology and Abbreviations
- Laboratory Tests and Clinical Procedures

Chapter 14 Lymphatic and Immune Systems

- Lymphatic System
- Immune System
- Vocabulary, Terminology and Abbreviations
- Pathology Conditions
- Laboratory Tests and Clinical Procedures

Chapter 17 Sense Organs: The Eye and the Ear

- The Eye
- Vocabulary and Terminology
- Errors of Refraction
- Pathology and Clinical Procedures
- The Ear
- Vocabulary and Terminology
- Pathology and Clinical Procedures

Chapter 18 Endocrine System

- Thyroid Gland
- Parathyroid Glands
- Adrenal Glands
- Pancreas
- Pituitary Gland
- Ovaries and Testes
- Vocabulary, Terminology and Abbreviations
- Pathology, Laboratory Tests and Clinical Procedures

Chapter 19 Cancer Medicine (Oncology)

- Carcinogenesis
- Classification of Cancerous Tumors
- Pathological Descriptions
- Grading and Staging Systems
- Cancer Treatment
- Vocabulary, Terminology and Abbreviations
- Radiotherapy
- Laboratory tests and Clinical Procedures

Chapter 21 Pharmacology

- Drug Names, Standards, and References
- Administration of Drugs
- Drug Actions and Interactions
- Drug Toxicity
- Classes of Drugs
- Vocabulary, Terminology, and Abbreviations

- Practical Applications

Chapter 22 Psychiatry

- Psychiatric Clinical Symptoms
- Psychiatric Disorders
- Therapeutic Modalities
- Vocabulary, Terminology, and Abbreviations
- Practical applications

Note to Instructors: 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.