

**VIRGINIA WESTERN COMMUNITY COLLEGE**  
**COURSE OUTLINE**  
**Fall Semester 2024**

I. COURSE TITLE MEDICAL TERMINOLOGY II

II. COURSE PREFIX/NUMBER HLT 144

III. COURSE DESCRIPTION

Provides an understanding of medical abbreviations and terms. Includes study of prefixes, suffixes, word stems, and technical terms emphasizing proper spelling, punctuation, and usage. Emphasizes more complex skills and techniques in understanding medical terminology as it relates to anatomy, physiology, and pathology.

IV. COURSE OUTCOMES:

The overall goals of this course are to:

1. Provide an overall understanding of medical abbreviations and terms.
2. Emphasize the proper spelling, usage, and punctuation of prefixes, suffixes, word stems, and technical terms.
3. Emphasize the more complex skills and techniques in understanding medical terminology as it relates to anatomy, physiology, and pathology.

V. REQUIRED MATERIALS

Internet access required

VI. TEXTBOOK

Chabner, Davi-Ellen. (2021). The language of medicine. (12<sup>th</sup> ed.). Missouri: Elsevier. ISBN: 978-0-323-55147-2

The following supplementary materials are available:

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.

VII. TOPICAL DESCRIPTION

Chapter 8, Female Reproductive System

1. Name and locate female reproductive organs and learn their combining forms.
2. Explain how these organs and their hormones function in the normal processes of ovulation, menstruation, and pregnancy.
3. Identify abnormal conditions of the female reproductive system and of the newborn.
4. Describe important laboratory tests and clinical procedures used in gynecology and obstetrics, and recognize related abbreviations.

Chapter 9, Male Reproductive System

1. Name, locate, and describe the functions of the organs of the male reproductive system.
2. Define abnormal conditions and infections that affect the male reproductive system.
3. Differentiate among several types of sexually transmitted infections.
4. Define combining forms used to describe the structures of this system.
5. Describe various laboratory tests and clinical procedures that are pertinent to the disorders of the male reproductive system, and recognize related abbreviations.

Test Chapters 8 & 9

Chapter 10, Nervous System

1. Name, locate, and describe major organs of the nervous system and their functions.
2. Learn nervous system combining forms and use them with suffixes and prefixes.
3. Define pathological conditions affecting the nervous system.
4. Describe laboratory tests, clinical procedures, and abbreviations that pertain to the system.

## Test Chapters 10

### Chapter 11, Cardiovascular System

1. Name the parts of the heart and associated blood vessels and their functions in the circulation of blood.
2. Trace the pathway of blood through the heart.
3. Identify and describe major pathologic conditions affecting the heart and blood vessels.
4. Define combining forms that relate to the cardiovascular system.
5. Describe important laboratory tests and clinical procedures pertaining to the cardiovascular system, and recognize relevant abbreviations.

### Chapter 13, Blood System

1. Identify terms relating to the composition, formation, and function of blood.
2. Differentiate among the different types of blood groups.
3. Identify terms related to blood clotting.
4. Build words and recognize combining forms used in blood system terminology.
5. Describe various pathologic conditions affecting blood.
6. Describe various laboratory tests and clinical procedures used with hematologic disorders, and recognize relevant abbreviations.

## Test Chapters 11 & 13

### Chapter 14, Lymphatic and Immune System

1. Identify the structures and analyze terms related to the lymphatic and immune systems.
2. Learn basic terminology, combining forms, and other word parts related to these systems.
3. Identify laboratory tests, clinical procedures, and abbreviations.

### Chapter 19, Cancer Medicine (Oncology)

1. Identify medical terms that describe the growth and spread of tumors.
2. Recognize terms related to the causes, diagnosis, and treatment of cancer.
3. Review how tumors are classified and described by pathologists.
4. Describe x-ray studies, laboratory tests, and other procedures used by physicians for determining the presence and extent of spread (staging) of tumors.

## Test Chapters 14 & 19

### Chapter 17, Sense Organs: The Eye and the Ear

1. Identify locations and functions of the major parts of the eye and ear.
2. Name the combining forms, prefixes, and suffixes commonly used to describe these organs and their parts.
3. Describe the pathologic conditions that may affect the eye and ear.
4. Identify clinical procedures that pertain to ophthalmology and otology.

### Chapter 18, Endocrine System

1. Identify the endocrine glands and their hormones.
2. Gain an understanding of the functions of these hormones in the body.
3. Analyze medical terms related to the endocrine glands and their hormones.
4. Identify abnormal conditions resulting from excessive and deficient secretions of the endocrine glands.
5. Describe laboratory tests and clinical procedures related to endocrinology, and recognize relevant abbreviations.

## Test Chapters 17 & 18

### Chapter 21, Pharmacology

1. Learn the various subspecialty areas of pharmacology.
2. Identify the various routes of drug administration.
3. Differentiate among the various classes of drugs and learn their primary actions and side effects.
4. Define medical terms using combining forms, prefixes, and suffixes that relate to pharmacology.

### Chapter 22, Psychiatry

1. Differentiate among a psychiatrist, a psychologist, and other mental health specialists.
2. Learn of tests used by clinical psychologists to evaluate a patient's mental health and intelligence.
3. Define terms that describe major psychiatric disorders.
4. Identify terms that describe psychiatric symptoms.
5. Compare different types of therapy for psychiatric disorders.
6. Learn the categories and names of common psychiatric drugs.
7. Define combining forms, suffixes, prefixes, and abbreviations related to psychiatry.

## Test Chapters 21 & 22