

# Virginia Western Community College

## HIM 111

### Medical Terminology

#### Prerequisites

None.

#### Course Description

Introduces student to the language used in the health record. Includes a system-by-system review of anatomical disease, and operative terms, abbreviations, radiography procedures, laboratory tests, and pharmacology terms.

**Semester Credits: 3**

**Lecture Hours: 3**

**Lab/Clinical/Internship Hours: 0**

#### Required Materials

#### **Textbook:**

Medical Terminology in a Flash! : A Multiple Learning Styles Approach, 5th Edition; Lisa Finnegan  
F A Davis Plus, ISBN-13: 978-1719648646

#### Course Outcomes

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

- Define medical terms from medical word elements, including knowledge of roots, prefixes, suffixes and combining forms.
- Correctly define, spell and pronounce selected medical terms dealing with anatomical planes and regions, anatomy of major body systems and associated diseases and disorders.
- Apply knowledge of root words, prefixes and suffixes to identify meaning of novel medical terms.
- Define and give examples of terminology used to describe common primary pathological conditions, surgical and diagnostic procedures.
- Recognize frequently encountered laboratory tests, diagnostic and radiological procedures associated with certain pathological conditions in each of the body systems.
- Identify and define abbreviations frequently encountered in health care records.
- Identify the therapeutic classification of common drugs.
- Develop an understanding of the medical terminology used in articles and reports found in medical journals and reference books.

## Topics

| Chapter   | Chapter Overview  | Chapter Objectives  |
|---|---|---|
| <b>1. Orientation and Chapter 1 - Learning Preferences and Styles</b> | <ul style="list-style-type: none"> <li>• Orientation Discussion Board and Quiz</li> <li>• Chapter Overview:               <ul style="list-style-type: none"> <li>○ Sensory Learning Styles</li> <li>○ Social Preferences</li> <li>○ Global vs. analytical preferences</li> <li>○ Identifying Your Style</li> <li>○ Learning Styles and Medical Terminology</li> <li>○ Memory</li> <li>○ Chapter Activities and Practice Exercises</li> </ul> </li> <li>• Discussion and Homework Assignments</li> <li>• Chapter Quiz</li> </ul> | <ol style="list-style-type: none"> <li>1. Understand the concept of structural neuroplasticity.</li> <li>2. Describe how memory works.</li> <li>3. Examine the role of each of the senses for learning.</li> <li>4. Differentiate learning strategies that facilitate structural neuroplasticity.</li> </ol>  |
| <b>2. Chapter 2 - Medical Word Elements</b>                           | <ul style="list-style-type: none"> <li>• Chapter Overview:               <ul style="list-style-type: none"> <li>○ Word Parts</li> <li>○ Pronunciation</li> <li>○ Pathology Terms</li> <li>○ Closer Look</li> <li>○ Abbreviations and Symbols</li> <li>○ Chapter Practice Exercises</li> </ul> </li> <li>• Homework Assignment</li> <li>• Chapter Quiz</li> </ul>  | <ol style="list-style-type: none"> <li>1. Understand the three parts of a medical word.</li> <li>2. Apply steps to decipher medical terms.</li> <li>3. Identify abbreviations and symbols discontinued for use to avoid medical errors.</li> <li>4. Classify information based on the four components of a SOAP note.</li> <li>5. Identify a variety of suffixes and plurals common in medical terminology.</li> </ol>                            |
| <b>3. Chapter 3 - Levels of Organization</b>                          | <ul style="list-style-type: none"> <li>• Chapter Overview               <ul style="list-style-type: none"> <li>○ Structure and Function</li> <li>○ Directional Terms and Anatomical Position</li> <li>○ Body Planes and Movements</li> <li>○ Body Cavities, Regions, and Quadrants</li> <li>○ Combining Forms and Abbreviations</li> <li>○ Pharmacology</li> <li>○ Chapter Practice Exercises</li> </ul> </li> <li>• Chapter Quiz</li> </ul>  | <ol style="list-style-type: none"> <li>1. Explain structure and function terminology.</li> <li>2. Distinguish terms that describe anatomical location.</li> <li>3. Differentiate terms of movement.</li> <li>4. Identify the therapeutic classification of common drugs.</li> </ol>   |
| <b>4. Chapter 4 - Integumentary System</b>                            | <ul style="list-style-type: none"> <li>• Chapter Overview               <ul style="list-style-type: none"> <li>○ Structure and Function</li> <li>○ Combining Forms and Abbreviations</li> <li>○ Pathologies, Procedures, and Pharmacology Terms                   <ul style="list-style-type: none"> <li>▪ Common Diagnostic Tests and Procedures</li> <li>▪ Pharmacology</li> </ul> </li> <li>○ Case Study</li> <li>○ Chapter Practice Exercises</li> </ul> </li> <li>• Homework Assignment</li> <li>• Chapter Quiz</li> </ul> | <ol style="list-style-type: none"> <li>1. Distinguish the structures and function of the integumentary system.</li> <li>2. Explain terms that reflect common diagnostic tests and procedures related to the integumentary system.</li> <li>3. Recognize pathology common to the integumentary system.</li> <li>4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the integumentary system.</li> </ol> |
| <b>5. Chapter 5 - Nervous System</b>                                  | <ul style="list-style-type: none"> <li>• Chapter Overview               <ul style="list-style-type: none"> <li>○ Structure and Function</li> <li>○ Combining Forms and Abbreviations</li> <li>○ Pathologies, Procedures, and Pharmacology Terms                   <ul style="list-style-type: none"> <li>▪ Common Diagnostic Tests and Procedures</li> </ul> </li> </ul> </li> </ul>  | <ol style="list-style-type: none"> <li>1. Distinguish the structures and function of the nervous system.</li> <li>2. Explain terms that reflect common diagnostic tests and procedures related to the nervous system.</li> <li>3. Recognize pathology common to the nervous system.</li> </ol>  |

## 6. Chapter 6 - Cardiovascular System

- Pharmacology
- Case Study
- Chapter Practice Exercises
- Homework Assignment
- Chapter Quiz
- Chapter Overview
  - Structure and Function
  - Combining Forms and Abbreviations
  - Pathologies, Procedures, and Pharmacology Terms
    - Common Diagnostic Tests and Procedures
    - Pharmacology
  - Case Study
  - Chapter Practice Exercises
- Homework Assignment
- Chapter Quiz

4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the nervous system.

1. Distinguish the structures and function of the cardiovascular system.
2. Explain terms that reflect common diagnostic tests and procedures related to the cardiovascular system.
3. Recognize pathology common to the cardiovascular system.
4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the cardiovascular system.

## 7. Chapter 7 - Lymphatic-Immune System

- Chapter Overview
  - Structure and Function
  - Combining Forms and Abbreviations
  - Pathologies, Procedures, and Pharmacology
    - Terms
    - Common Diagnostic Tests and Procedures
    - Pharmacology
  - Case Study
  - Chapter Practice Exercises
- Chapter Quiz

1. Distinguish the structures and function of the lymphatic and immune systems.
2. Explain terms that reflect common diagnostic tests and procedures related to the lymphatic and immune systems.
3. Recognize pathology common to the lymphatic and immune systems.
4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the lymphatic and immune systems.

## Mid-Term Exam

## 8. Chapter 8 - Respiratory System

- Chapter Overview
  - Structure and Function
  - Combining Forms and Abbreviations
  - Pathologies, Procedures, and Pharmacology
    - Terms
    - Common Diagnostic Tests and Procedures
    - Pharmacology
  - Case Study
  - Chapter Practice Exercises
- Chapter Quiz

1. Distinguish the structures and function of the pulmonary system.
2. Explain terms that reflect common diagnostic tests and procedures related to the pulmonary system.
3. Recognize pathology common to the pulmonary system.
4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the pulmonary system.

## 9. Chapter 9 - Digestive System

- Chapter Overview
  - Structure and Function
  - Combining Forms and Abbreviations
  - Pathologies, Procedures, and Pharmacology
    - Terms
    - Common Diagnostic Tests and Procedures
    - Pharmacology
  - Case Study
  - Chapter Practice Exercises
- Homework Assignment
- Chapter Quiz

1. Distinguish the structures and function of the digestive system.
2. Explain terms that reflect common diagnostic tests and procedures related to the digestive system.
3. Recognize pathology common to the digestive system.
4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the digestive system.

## 10. Chapter 10 - Urinary System

- Chapter Overview
    - Structure and Function
    - Combining Forms and Abbreviations
    - Pathologies, Procedures, and Pharmacology
      - Terms
      - Common Diagnostic Tests and Procedures
      - Pharmacology
    - Case Study
    - Chapter Practice Exercises
  - Homework Assignment
  - Chapter Quiz
1. Distinguish the structures and function of the urinary system.
  2. Explain terms that reflect common diagnostic tests and procedures related to the urinary system.
  3. Recognize pathology common to the urinary system.
  4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the urinary system.

## 11. Chapter 11 - Reproductive System

- Chapter Overview
    - Structure and Function
    - Combining Forms and Abbreviations
    - Pathologies, Procedures, and Pharmacology
      - Terms
      - Common Diagnostic Tests and Procedures
      - Pharmacology
    - Case Study
    - Chapter Practice Exercises
  - Homework Assignment
  - Chapter Quiz
1. Distinguish the structures and function of the reproductive system.
  2. Explain terms that reflect common diagnostic tests and procedures related to the reproductive system.
  3. Recognize pathology common to the reproductive system.
  4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the reproductive system.

## 12. Chapter 12 - Endocrine System

- Chapter Overview
    - Structure and Function
    - Combining Forms and Abbreviations
    - Pathologies, Procedures, and Pharmacology
      - Terms
      - Common Diagnostic Tests and Procedures
      - Pharmacology
    - Case Study
    - Chapter Practice Exercises
  - Chapter Quiz
1. Distinguish the structures and function of the reproductive system.
  2. Explain terms that reflect common diagnostic tests and procedures related to the reproductive system.
  3. Recognize pathology common to the reproductive system.
  4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the reproductive system.

## 13. Chapter 13 - Skeletal and Muscular Systems

- Chapter Overview
    - Structure and Function
    - Combining Forms and Abbreviations
    - Pathologies, Procedures, and Pharmacology
      - Terms
      - Common Diagnostic Tests and Procedures
      - Pharmacology
    - Case Study
    - Chapter Practice Exercises
  - Homework Assignment
  - Chapter Quiz
1. Distinguish the structures and function of the skeletal and muscular systems.
  2. Explain terms that reflect common diagnostic tests and procedures related to the skeletal and muscular systems.
  3. Recognize pathology common to the skeletal and muscular systems.
  4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the skeletal and muscular systems.

## 14. Chapter 14 - Special Senses (Eyes and Ears)

- Chapter Overview
  - Structure and Function
  - Combining Forms and Abbreviations
  - Pathologies, Procedures, and Pharmacology
    - Terms
    - Common Diagnostic Tests and Procedures
    - Pharmacology
  - Case Study
  - Chapter Practice Exercises
- Chapter Quiz
  - 1. Distinguish the structures and function of the special senses' eyes and ears.
  - 2. Explain terms that reflect common diagnostic tests and procedures related to the special senses' eyes and ears.
  - 3. Recognize pathology common to the special senses' eyes and ears.
  - 4. Determine therapeutic classifications of pharmacological agents used to treat pathology of the special senses' eyes and ears.

### Final Exam – Chapters 1-14

[ADA Statement](#) (PDF)

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