

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, 4th Edition; Lisa Finnegan Davis Plus
ISBN-13: 978-0-8036-8953-4

Course Outcomes

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

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

HIM 111 Medical Terminology

Topics Outline

Chapter	Chapter Overview	Chapter Objectives
1. Chapter 1 - Learning Styles	- Chapter Overview: - Sensory Learning Styles - Social Preferences - Global vs. analytical preferences - Identifying Your Style - Learning Styles and Medical Terminology - Memory - Chapter Activities and Practice Exercises - Discussion and Homework Assignments - Chapter Quiz	- Explain different learning styles and give examples of study strategies for each type that might be used when learning medical terms. - Describe your learning style and identify your preferences for learning.
2. Chapter 2 - Medical Word Elements	- Chapter Overview: - Word Parts - Pronunciation - Pathology Terms - Closer Look - Abbreviations and Symbols - Chapter Practice Exercises - Homework Assignment - Chapter Quiz	- Identify word elements: word root, suffixes and prefixes. - Explain the common rules for proper term formation, pronunciation and spelling. - Define and use introductory medical suffixes, prefixes, and abbreviations.
3. Chapter 3 - Levels of Organization	- Chapter Overview - Structure and Function - Directional Terms and Anatomical Position - Body Planes and Movements - Body Cavities, Regions, and Quadrants - Combining Forms and Abbreviations - Pharmacology - Chapter Practice Exercises - Chapter Quiz	- List the levels of organization of the body - Explain what a body system is and why it is useful to learn medical terminology by body system - Define and identify three planes of the body - Identify the cavities, quadrants, and regions of the body - List and identify terms related to body structures, regions, and cavities, directions and positions, planes of the body, and colors - Recognize, pronounce, spell, and build words related to body structure - Describe diseases, conditions, and procedures related to body structure
4. Chapter 4 - Integumentary System	- Chapter Overview - Structure and Function - Combining Forms and Abbreviations - Pathologies, Procedures, and Pharmacology Terms - Common Diagnostic Tests and Procedures - Pharmacology	- Identify the functions of the skin - Define terms related to the skin layers and accessory structures - Define the word parts related to the integumentary system - Explain abbreviations used within the integumentary system

5. Chapter 5 - Nervous System

- 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

1. Describe the location of the main structures in the nervous system
2. Define terms related to the central and peripheral nervous systems
3. Define the word parts related to the nervous system and associated pathologies
4. Define common medical terminology related to the nervous system and associated pathologies
5. Explain abbreviations used in the nervous system

6. Chapter 6 - Cardiovascular 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

1. Describe the location of the main cardiovascular structures in the body
2. Define terms related to the heart and vascular system
3. Define combining forms, prefixes, and suffixes related to the cardiovascular system
4. Define common medical terminology related to the cardiovascular system
5. Explain abbreviations used in 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. Describe the function and main components of blood and the immune system
2. Define terms related to the blood, blood cells, blood components, and the immune system
3. Define common medical terminology related to the blood and immune system
4. Explain abbreviations used in the blood and immune system

Mid-Term Exam

8. Chapter 8 - Respiratory System

- Chapter Overview
 - Structure and Function
 - Combining Forms and Abbreviations

1. List primary functions of the respiratory system
2. Identify the primary structures of the respiratory system
3. Identify combining forms, suffixes, and prefixes associated with the respiratory system
4. Identify types of treatment provided by pulmonary specialists

9. Chapter 9 - Digestive System

- Pathologies, Procedures, and Pharmacology
 - Terms
 - Common Diagnostic Tests and Procedures
 - Pharmacology
- Case Study
- Chapter Practice Exercises
- 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

5. Demonstrate your knowledge by successfully completing the activities in this module

10. Chapter 10 - Urinary System

- 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

1. Identify the functions of the digestive system
2. Define terms related to the digestive system
3. Define the word parts related to the digestive system
4. Define common medical terminology related to the digestive system
5. Explain abbreviations used in the digestive system
6. Demonstrate your knowledge by successfully completing the activities in this module

1. Identify the anatomy of the urinary system
2. Identify the main functions of the urinary system
3. Define terms related to the urinary system
4. Identify combining forms, suffixes, and prefixes associated with the urinary system
5. Define common diseases, disorders, and procedures related to the urinary system
6. Explain abbreviations used in the digestive system
7. Demonstrate your knowledge by successfully completing the activities in this module

11. Chapter 11 - Reproductive System

- 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

1. Identify the functions of the male and female reproductive systems
2. Define terms related to the male and female reproductive systems
3. Define the word parts related to the male and female reproductive systems
4. Define common medical terminology related to the male and female reproductive systems
5. Explain abbreviations used in the male and female reproductive systems
6. Demonstrate your knowledge by successfully completing the activities in this module

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| <p>12. Chapter 12
- Endocrine System</p> | <ul style="list-style-type: none"> • Homework Assignment • Chapter Quiz • Chapter Overview <ul style="list-style-type: none"> ○ Structure and Function ○ Combining Forms and Abbreviations ○ Pathologies, Procedures, and Pharmacology <ul style="list-style-type: none"> ▪ Terms ▪ Common Diagnostic Tests and Procedures ▪ Pharmacology ○ Case Study ○ Chapter Practice Exercises • Chapter Quiz | <ol style="list-style-type: none"> 1. Identify the anatomy of the endocrine system 2. Describe the main functions of the endocrine system 3. Identify combining forms, suffixes, and prefixes associated with the endocrine system 4. Explain abbreviations used in the endocrine system 5. Identify the medical specialties associated with the endocrine system 6. Define common diseases, disorders, and procedures related to the endocrine system 7. Demonstrate your knowledge by successfully completing the activities in this module |
| <p>13. Chapter 13
- Skeletal and Muscular Systems</p> | <ul style="list-style-type: none"> • Chapter Overview <ul style="list-style-type: none"> ○ Structure and Function ○ Combining Forms and Abbreviations ○ Pathologies, Procedures, and Pharmacology <ul style="list-style-type: none"> ▪ Terms ▪ Common Diagnostic Tests and Procedures ▪ Pharmacology ○ Case Study ○ Chapter Practice Exercises • Homework Assignment • Chapter Quiz | <ol style="list-style-type: none"> 1. Describe the structure and functions of the muscular-skeletal system 2. Identify the anatomy of the muscular-skeletal system 3. Identify combining forms, suffixes, and prefixes associated with the muscular-skeletal system 4. Explain abbreviations used in the muscular-skeletal system 5. Define common diseases, disorders, and procedures related to the muscular-skeletal system 6. Demonstrate your knowledge by successfully completing the activities in this module |
| <p>14. Chapter 14
- Special Senses (Eyes and Ears)</p> | <ul style="list-style-type: none"> • Chapter Overview <ul style="list-style-type: none"> ○ Structure and Function ○ Combining Forms and Abbreviations ○ Pathologies, Procedures, and Pharmacology <ul style="list-style-type: none"> ▪ Terms ▪ Common Diagnostic Tests and Procedures ▪ Pharmacology ○ Case Study ○ Chapter Practice Exercises • Chapter Quiz | <ol style="list-style-type: none"> 1. Identify the anatomy of the sensory systems 2. Describe the main functions of the sensory systems 3. Spell the medical terms of the sensory systems and use correct abbreviations 4. Identify the medical specialties associated with the sensory systems 5. Explore common diseases, disorders, and procedures related to the sensory systems |

Final Exam

Additional Comments:

- Be sure to utilize extra learning exercises/tools/games online provided from your textbook
- Study Guides for test are provided at the discretion of the instructor
- Any review materials provided for the mid-term and final exams are for the individual students to use and are not to be shared within or outside of this course
- The final exam is cumulative