

MED 121
MEDICAL TERMINOLOGY I

COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

This course introduces prefixes, suffixes, and word roots used in the language of medicine. Topics include medical vocabulary and the terms that relate to the anatomy, physiology, pathological conditions, and treatment of selected systems. Upon completion, students should be able to pronounce, spell, and define medical terms as related to selected body systems and their pathological disorders. Course Hours Per Week: Class, 3. Semester Hours Credit, 3.

LEARNING OUTCOMES:

Upon completion of this course, the student will be able to:

- a. Define the origin and development of word roots, prefixes, and suffixes commonly used in medical records.
- b. Categorize terms using anatomical and physiological terminology.
- c. Use, spell, translate, and pronounce medical roots, prefixes, and suffixes.
- d. Relate medical terminology to human organ systems and body functions.
- e. Use the Internet for research of the whole body and healthcare systems terminology.

OUTLINE OF INSTRUCTION:

- I. Word Building Rules
 - A. Overview
 - B. Word Parts, Combining Forms, and Word Building Rules
 - C. Word Structure
- II. Prefixes
 - A. Overview and Numbers
 - B. Measurements
 - 1) Position and/or Direction
 - C. Color
 - D. Negatives
 - 1) Common Prefixes
- III. Suffixes
 - A. Overview
 - B. Noun Suffixes
 - C. Plural Words
 - D. Adjective Suffices

- E. Specialties and Specialists
 - 1) Instruments, Surgical and Diagnostic Procedures
 - 2) Common Suffixes

- IV. Word Body Terminology
 - A. Overview and Structural Organization
 - B. Body Planes
 - 1) Body Regions and Quadrants
 - C. Body Cavities
 - 1) Divisions of the Back
 - 2) Direction
 - D. Word Elements and Common Abbreviations

- V. Integumentary System
 - A. Overview
 - 1) Anatomy and Physiology
 - B. Word Elements
 - C. Skin Lesions
 - D. Pathological Conditions
 - E. Diagnostic Techniques and Procedures
 - F. Common Abbreviations

- VI. The Skeletal System
 - A. Overview of Muscular System
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements
 - C. Pathological Conditions
 - D. Diagnostic Techniques and Procedures
 - E. Common Abbreviations

- VII. The Muscles and Joints
 - A. Overview of Muscular System
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements (Muscles)
 - C. Pathological Conditions
 - D. Pathological Terms
 - E. Diagnostic Techniques and Procedures
 - 1) Common Abbreviations
 - 2) Overview of Joints
 - 3) Classifications of Joints
 - 4) Movements of Joints
 - 5) Vocabulary and Word Elements
 - F. Diagnostic Techniques and Procedures
 - 1) Common Abbreviations

- VIII. The Nervous System
 - A. Overview
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements
 - C. Pathological Conditions
 - D. Diagnostic Techniques and Procedures
 - 1) Common Abbreviations

- IX. The Blood and Lymphatic Systems
 - A. Overview
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements
 - C. Common Signs and Symptoms
 - D. Pathological Conditions
 - E. Diagnostic Techniques and Procedures
 - 1) Common Abbreviations
 - F. Overview of Lymphatic System
 - 1) Anatomy and Physiology
 - G. Vocabulary and Word Elements
 - H. Immunity
 - I. Pathological Conditions
 - J. Diagnostic Techniques and Procedures
 - 1) Common Abbreviations

- X. The Cardiovascular System
 - A. Overview
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements
 - C. Common Signs and Symptoms
 - D. Pathological Conditions
 - E. Diagnostic Techniques and Procedures
 - F. Common Abbreviations

- XI. The Respiratory System
 - A. Overview
 - 1) Anatomy and Physiology
 - B. Physical Examination
 - C. Vocabulary and Word Elements
 - D. Common Signs and Symptoms
 - E. Pathological Conditions
 - F. Diagnostic Techniques and Procedures
 - G. Common Abbreviations

- XII. The Digestive System
 - A. Overview
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements
 - C. Common Signs and Symptoms
 - D. Pathological Conditions
 - E. Diagnostic Techniques and Procedures
 - F. Common Abbreviations

REQUIRED TEXTBOOKS AND MATERIALS:

Davies Jones, Betty. Comprehensive Medical Terminology. 2nd ed. Thomson-Delmar Learning, 2003.

SUGGESTED REFERENCES, PERIODICALS AND AUDIO-VISUAL AIDS:

Health-Related Websites: (<http://www.healthfinder.gov>)(<http://www.delmarhealthcare.com>)
Medical Terminology (*Tapes/CD*), ERC
Stedman's Medical Dictionary. 26th/27th ed.
Taber's Cyclopedic Medical Dictionary. 19th/20th ed.

STATEMENT FOR STUDENTS WITH DISABILITIES:

Students who require academic accommodations due to any physical, psychological, or learning disability are encouraged to request assistance from a disability services counselor within the first two weeks of class. Likewise, students who potentially require emergency medical attention due to any chronic health condition are encouraged to disclose this information to a disability services counselor within the first two weeks of class. Counselors can be contacted by calling 686-3652 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1309.