

MED 122
MEDICAL TERMINOLOGY II

COURSE DESCRIPTION:

Prerequisites: MED 121

Corequisites: None

This course is the second in a series of medical terminology courses. 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. Analyze, pronounce, and spell medical word roots, prefixes, and suffixes.
- b. Define medical abbreviations common to anatomical and physiological terminology.
- c. Categorize general medical terminology as it relates to selected systems.
- d. Recognize common pharmacological agents used in treating the blood system.
- e. Explain the meaning of surgical terms related to the lymphatic and immune systems.
- f. Define terminology and abbreviations as they relate to medical specialties such as:
 - Obstetrics
 - Child Health
 - Diagnostic Imaging
 - Oncology
 - Pharmacology
 - Mental Health
 - Gerontology

OUTLINE OF INSTRUCTION:

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

- II. The Special Senses
 - A. Overview
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements (*Eye*)
 - C. Pathological Conditions (*Eye*)
 - D. Diagnostic Techniques and Procedures (*Eye*)
 - 1) Common Abbreviations (*Eye*)

- E. Overview of the Ear
 - 1) Anatomy and Physiology (*Ear*)
 - F. The Process of Hearing
 - G. Vocabulary and Word Elements (*Ear*)
 - H. Pathological Conditions (*Ear*)
 - I. Diagnostic Techniques and Procedures (*Ear*)
 - 1) Common Abbreviations
- III. The Urinary System
- A. Overview
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements
 - C. Characteristics of Urine
 - D. Common Signs and Symptoms
 - E. Pathological Conditions
 - F. Treatment of Renal Failure
 - G. Urine Specimen Collections
 - H. Common Abbreviations
- IV. The Male Reproductive System
- A. Overview
 - 1) Anatomy and Physiology
 - B. Vocabulary and Word Elements
 - C. Pathological Conditions
 - D. Male and Female Sexually Transmitted Diseases
 - E. Diagnostic Techniques and Procedures
 - F. Common Abbreviations
- V. The Female Reproductive System
- A. Overview
 - 1) Anatomy and Physiology
 - B. Puberty and the Menstrual Cycle
 - C. Vocabulary and Word Elements
 - D. Common Signs and Symptoms
 - E. Family Planning
 - F. Pathological Conditions
 - G. Diagnostic Techniques and Procedures
 - H. Sexually Transmitted Diseases
 - I. Male and Female
 - J. Common Abbreviations
- VI. Obstetrics
- A. Overview
 - 1) Pregnancy
 - B. Physiological Changes During Pregnancy
 - C. Signs and Symptoms of Pregnancy
 - D. Calculation of Date of Birth
 - E. Vocabulary and Word Elements
 - F. Discomforts of Pregnancy
 - G. Complications of Pregnancy
 - H. Diagnostic Techniques and Procedures
 - I. Common Abbreviations

- VII. Child Health
 - A. Overview
 - 1) Growth and Development
 - 2) Growth and Development Principles
 - 3) Vocabulary and Word Elements
 - B. Immunizations
 - C. Communicable Diseases
 - D. Pathological Diseases
 - E. Diagnostic Techniques and Procedures
 - F. Common Abbreviations

- VIII. Radiology and Diagnostic Imaging
 - A. Overview
 - 1) Radiology
 - 2) Diagnostic Imaging
 - 3) Procedures and Techniques
 - B. Vocabulary and Word Elements
 - C. Common Abbreviations

- IX. Oncology
 - A. Cancer Terms
 - B. Vocabulary and Word Elements
 - C. Benign versus Malignant Tumors
 - D. Classification of Neoplasms
 - E. Warning Signs of Cancer
 - F. Specific Types of Cancers
 - G. Treatment Techniques and Procedures
 - H. Common Abbreviations

- X. Pharmacology
 - A. Overview
 - B. Drug Laws
 - C. Drug Standards
 - D. Drug References
 - E. Vocabulary and Word Elements
 - F. Drug Sources/Names
 - G. Drug Actions/Interactions
 - H. Routes of Administration for Medications
 - I. Drug Classification
 - J. Common Charting Abbreviations

- XI. Mental Health
 - A. Overview
 - 1) Defense Mechanisms
 - B. Vocabulary and Word Elements
 - C. Mental Disorders
 - D. Treatments and Therapies
 - E. Personality Tests
 - F. Common Abbreviations

- XII. Gerontology
 - A. Overview
 - 1) Assessing the Elderly Adult
 - B. Vocabulary and Word Elements
 - C. Pathological Conditions and Changes in the Elderly Person
 - D. Diagnostic Techniques and Procedures
 - E. 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 Edition

Taber's Cyclopedia Medical Dictionary 19th/20th Edition

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.