

MED 121 Medical Terminology I

COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

Course description. 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 completing requirements for this course, the student will be able to:

1. Identify the four-word elements used to build medical words.
2. Divide medical words into their component's parts.
3. Apply the basic rules to define and build medical words.
4. Link combining forms and word roots to suffixes.
5. Identify adjective, noun, and diminutive suffixes.
6. Define common prefixes used in medical terminology.
7. Define and identify planes of the body.
8. Identify the cavities, quadrants, and regions of the body.
9. Describe the functional relationship between the body systems.
10. Use the Internet for research of the whole body and healthcare systems terminology.

OUTLINE OF INSTRUCTION:

- I. Medical Word Elements
 - A. Word Roots
 - B. Combining Forms
 - C. Suffixes
 - D. Prefixes
- II. Basic Guidelines
 - A. Defining Medical Words
 - B. Building Medical Words
- III. Pronunciation Guidelines
- IV. Suffix Linking and Suffix Types
 - A. Surgical and Diagnostic
 - B. Pathological, and Related Suffixes
 - C. Grammatical Suffixes
 - D. Plural Suffixes
- V. Prefix Linking and Prefix Types

- A. Prefixes of Position
 - B. Number, Measurement, and Direction
 - C. Common Prefixes
- VI. Levels of Organization
- A. Cell
 - B. Cell Membrane and Cytoplasm
- VII. Anatomical Position
- A. Planes of the Body
 - B. Body Cavities
 - C. Abdominopelvic Quadrants and Regions
- VIII. Integumentary System
- A. Anatomy and Physiology Key Terms
 - B. Accessory Organs of the Skin
 - C. Pathology
 - D. Medical, Surgical, and Diagnostic Procedures
- IX. Digestive System
- A. Medical Word Elements Pathology
 - i. Peptic Ulcer Disease
 - ii. Ulcerative Colitis
 - iii. Intestinal Obstruction
 - iv. Diverticulosis
 - B. Diseases and Conditions
 - C. Pharmacology
- X. Respiratory System
- A. Pathology
 - i. Chronic Obstructive Pulmonary Disease
 - ii. Asthma
 - iii. Chronic Bronchitis
 - iv. Emphysema
 - v. Cystic Fibrosis
 - vi. Acute Respiratory Distress Syndrome
 - vii. Oncology
 - B. Diseases and Conditions
 - i. Medical, Surgical, and Diagnostic Procedures
- XI. Cardiovascular System
- A. Objectives
 - i. Anatomy and Physiology
 - B. Medical Word Elements Pathology
 - C. Diseases and Conditions

- i. Medical and Surgical and
- ii. Diagnostic Procedures
- iii. Pharmacology

REQUIRED TEXTBOOK AND MATERIAL:

The textbook and other instructional material will be determined by the instructor.