

COURSE OUTLINE

Health Professions Medical Terminology II

Course Description

AH 202. Health Professions Medical Terminology II. 1 hour credit. Prerequisite: AH 201 with a C or better or instructor approval. This course will enable the student involved with health care professions to construct, deconstruct, define, spell and pronounce medical terms from prefixes, suffixes, word roots and combining forms utilizing various methods of research. The student will acquire tools needed for building a medical vocabulary within the context of oncology, radiology, pharmacology, psychiatry, and the structure and function of the associated body systems.

Course Relevance

The principles learned in this course will allow the student to begin to develop a language common to those in the medical profession.

Required Materials

Chabner, D. (2007). *The language of medicine* (8th ed.). Philadelphia, PA: W.B. Saunders Company.

Learning Outcomes

The intention is for the student to be able to

1. Build medical terms from word elements
2. Determine meaning of terms by extracting meaning from word elements
3. Spell and pronounce medical terms correctly
4. Utilize various methods of research

Learning PACT Skills that will be DEVELOPED and/or documented in this Course

Through the student's involvement in this course, he/she will develop his/her ability in the following PACT skill areas:

Analytical Thinking Skills

1. Problem solving
 - By analyzing word parts to build medical terms, the student will make accurate statements
 - By analyzing medical terms to define each prefix, suffix, combining form, and root word, the student will demonstrate an understanding of the rationale for medical word meanings

Major Summative Assessment Task(s)

These learning outcomes and the Learning PACT skills will be demonstrated by

1. Completion of a case study project that requires the student to construct and deconstruct a medical narrative using the principles of word building learned in the course

Course Content

- I. Themes – Key recurring concepts that run throughout this course:
 - A. Oncology and cancer treatment in the human body
 - B. Radiation and nuclear medicine
 - C. Pharmacology
 - D. Psychiatry
- II. Issues – Key areas of conflict that must be understood in order to achieve the intended outcome:
 - A. Rules for combining word elements
 - B. Meaning of a medical terms is sometimes more specific than just the literal translation of its combined elements
- III. Concepts – Key concepts that must be understood to address the issues:
 - A. How suffixes and prefixes are used to modify words
 - B. Names of body organs originate from Latin words
 - C. Names of organ diseases originate from Greek words
- IV. Skills/Competencies – Actions that are essential to achieve the course outcomes:
 - A. Abstracting meaning of medical term by literal translation of word elements
 - B. Inferring meaning of medical terms by analyzing meaning of word elements
 - C. Creating medical terms by properly combining word elements
 - D. Correctly spelling and pronouncing medical terms
 - E. Utilizing multiple methods of research including internet resources and medical dictionaries.

Learning Units

- I. Cancer medicine (oncology)
 - A. Characteristics, classification, causes and treatment of tumors
 - B. Vocabulary
 - C. Pathology
 - D. Combining forms and terminology
 - E. Written definitions and pronunciation
- II. Radiology and nuclear medicine
 - A. Characteristics of x-rays and diagnostic techniques
 - B. Vocabulary
 - C. Pathology
 - D. Combining forms and terminology
 - E. Written definitions and pronunciation
- III. Pharmacology
 - A. Drug names and administration
 - B. Drug classes and toxicity
 - C. Vocabulary
 - D. Combining forms and terminology
 - E. Written definitions and pronunciation
- IV. Psychiatry

- A. Psychiatric disorders and diseases
- B. Therapeutic terminology
- C. Combining forms and terminology
- D. Written definitions and pronunciation

Learning Activities

Learning activities include student/instructor interaction, text materials, and computerized instruction. Interactive games and web resources will also contribute to the learning process.

Grade Determination

Grade determination will be based on assignments, exams, and assessment tasks.