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Date reviewed: spring 2014
C&GE approved: May 12, 2014
Board approved: June 11, 2014

Health Education (HLED) 1543 Medical Terminology for Court Reporting (2 Units) CSU

Advisory: Successful completion of English 1500 strongly recommended

Total Hours: 32 hours lecture

Catalog Description: This medical terminology course is designed to facilitate the learning process of building a medical vocabulary for the clinical setting. The course includes the use of an online tool which provides a virtual hospital setting in which the student can practice newly learned medical information and terminology.

Type of Class/Degree: Degree/Credit

Text: Jones, Betty Davis. *Comprehensive Medical Terminology*, 4th ed. Clifton Park: Delmar –Cengage, 2011. Print.

Additional Resources:

- Medical Terminology Interactive online program
- Elsevier. *Mosby's Pocket Dictionary of Medicine: Nursing & Health Professions*. St. Louis: Elsevier, 2010. Print

Course Objectives:

By the end of the course, a successful student will be able to:

1. Identify and use word roots, prefixes, and suffixes to build medical terms
2. Identify the function of combining vowels in the construction of medical terms
3. Breakdown and define common medical terms used for symptoms, diseases, disorders, procedures, treatments, and devices associated with each body system and specialty areas.
 - a. Word Building Rules
 - b. Prefixes
 - c. Suffixes
 - d. Obstetrics
 - e. Child Health
 - f. Radiology and Diagnostic Imaging
 - g. Oncology
 - h. Pharmacology
 - i. Mental Health
 - j. Gerontology

4. Pronounce and spell common medical term associated with different aspects of the clinical setting

Course Scope and Content:

- Unit I Word Building Rules
- a. The word parts, combining forms, and word building rules
 - b. Word structure
 - c. Guidelines for use of possessive forms
- Unit II Prefixes
- a. Numbers
 - b. Measurement
 - c. Position and/or direction
 - d. Color
 - e. Negatives
 - f. Common prefixes
- Unit III Suffixes
- a. Noun suffixes
 - b. Plural words
 - c. Adjective suffixes
 - d. Specialties and specialists
 - e. Instruments, surgical and diagnostic procedures
 - f. Common suffixes
- Unit IV Obstetrics
- a. Pregnancy
 - b. Physiological changes during pregnancy
 - c. Calculation of date of birth
 - d. Vocabulary
 - e. Word elements
 - f. Discomforts of pregnancy
 - g. Complications of pregnancy
 - h. Signs and symptoms of labor
 - i. Diagnostic techniques, treatments, and procedures
 - j. Common abbreviations
- Unit V Child Health
- a. Growth and development
 - b. Growth and development principles
 - c. Vocabulary
 - d. Word elements
 - e. Immunizations
 - f. Communicable diseases

- g. Pathological conditions
- h. Diagnostic techniques, treatments, and procedures
- i. Common abbreviations

Unit VI Radiology and Diagnostic Imaging

- a. Radiology and diagnostic imaging procedures and techniques
- b. Vocabulary
- c. Word elements
- d. Common abbreviations

Unit VII Oncology (Cancer Medicine)

- a. Cancer terms
- b. Vocabulary
- c. Word elements
- d. Benign versus malignant tumors
- e. Classification of neoplasms
- f. Risk factors
- g. Warning signs of cancer
- h. Specific types of cancer
- i. Treatment techniques and procedures
- j. Common abbreviations

Unit VIII Pharmacology

- a. Drug laws
- b. Drug standards
- c. Drug references
- d. Vocabulary
- e. Word elements
- f. Drug sources
- g. Drug names
- h. Drug actions/interactions
- i. Routes of administration for medications
- j. Drug classification
- k. Common charting abbreviations
- l. Examples of error-prone abbreviations

Unit IX Mental Health

- a. Defense mechanisms
- b. Vocabulary
- c. Word elements
- d. Mental disorders
- e. Treatments and therapies
- f. Personality and intelligence tests

- g. Common abbreviations

- Unit X Gerontology
- a. Assessing the older adult
 - b. Vocabulary
 - c. Word elements
 - d. Pathological conditions and changes in the older adult
 - e. Diagnostic techniques, treatments, and procedures
 - f. Common abbreviations

Learning Activities Required Outside the Class:

Students in this course will spend a minimum of 6 hours per week outside the regular class time doing the following:

1. Studying
2. Answering questions
3. Completing assigned reading
4. Completing assigned written work
5. Practicing newly acquired language skills in online interactive program, Medical Terminology Interactive

Methods of Instruction:

1. Lectures
2. Class discussions
3. Mediated learning

Methods of Evaluation:

1. Tests and quizzes
2. Homework assignments
3. Research assignments
4. Practical skills test