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**Course Outline for EMS 62**  
**BASIC MEDICAL TERMINOLOGY**  
**Effective: Fall 2018**

**I. CATALOG DESCRIPTION:**

EMS 62 — BASIC MEDICAL TERMINOLOGY — 3.00 units

A basic course in medical terminology designed for students in studying for Allied Health careers such as Surgical Technologist, Paramedic, Pre-nursing, and Radiology Technician. Medical vocabulary with concentration on prefixes, suffixes, and root words. Emphasis on word dissection, definitions as applied to the body systems including the terminology used in surgical procedures. Concepts focus on comprehensive terminology, pronunciation and spelling core.

3.00 Units Lecture

**Grading Methods:**

Letter Grade

**Discipline:**

- Emergency Medical Technologies

	<b>MIN</b>
<b>Lecture Hours:</b>	54.00
<b>Total Hours:</b>	54.00

**II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1**

**III. PREREQUISITE AND/OR ADVISORY SKILLS:**

**IV. MEASURABLE OBJECTIVES:**

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

- A. Utilize components of medical terms
- B. Combine prefixes, word roots, and suffixes to create medical terms related to surgery
- C. Use anatomical, diagnostic, surgical and additional terms as they relate to each body system
- D. Construct and combine compound words
- E. Pronounce medical terms
- F. Write medical terms using correct spelling
- G. Use standard medical abbreviations appropriately

**V. CONTENT:**

- A. Standardized medical abbreviations
  1. Symbols
  2. Terms
- B. Elements of a medical term
  1. Prefix
  2. Suffix
  3. Word roots/combining forms
    - a. Forms describing planes and direction of reference
    - b. Forms describing amount or number
    - c. Forms describing color or description
  4. Medical term components by system
    - a. Word roots related to the digestive system
    - b. Word roots related to the respiratory system
    - c. Word roots related to the musculoskeletal system
    - d. Word roots related to the cardiovascular system
    - e. Word roots related to the genitourinary and male reproductive systems
    - f. Word roots related to the female reproductive system
    - g. Word roots related eye and ear
- C. Rules for combining forms
  1. Combining word parts
  2. Plural forms
  3. Compound words
  4. Spelling
  5. Pronunciation

**VI. METHODS OF INSTRUCTION:**

- A. **Lecture** -

- B. Video
- C. **Clinical** - Review and analyze real hospital / physician reports
- D. **Discussion** -

VII. TYPICAL ASSIGNMENTS:

- A. Create flashcards with emphasis on word roots / parts, examples of usage, and 'trigger' cues
- B. Complete end-of-chapter exercises in textbook (one chapter per week is typical)
- C. Collect medical terms encountered during the week (advertisements, TV shows, medical visits, other readings) - analyze words, dissect, share roots and meanings with the class

VIII. EVALUATION:

A. **Methods**

- 1. Exams/Tests
- 2. Quizzes

B. **Frequency**

- 1. Weekly quizzes
- 2. Comprehensive final exam

IX. TYPICAL TEXTS:

- 1. Chabner, Davi-Ellen. *Language of Medicine*. 11th ed., Elsevier, 2016.
- 2. Turley, Susan. *Medical Language: Immerse Yourself*. 4th ed., Pearson, 2017.

X. OTHER MATERIALS REQUIRED OF STUDENTS:

- A. Scantron forms #2 Pencil