

Las Positas College
3000 Campus Hill Drive
Livermore, CA 94551-7650
(925) 424-1000
(925) 443-0742 (Fax)

Course Outline for EMS 62
BASIC MEDICAL TERMINOLOGY
Effective: Fall 2010

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. Students who are currently enrolled in or have completed Health 52 or Health Science 52 may not receive credit. 3 hours lecture.

3.00 Units Lecture

Grading Methods:

Letter Grade

Discipline:

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

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

III. PREREQUISITE AND/OR ADVISORY SKILLS:

IV. MEASURABLE OBJECTIVES:

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

1. utilize components of medical terms
2. combine prefixes, word roots, and suffixes to create medical terms related to surgery
3. use anatomical, diagnostic, surgical and additional terms as they relate to each body system
4. construct and combine compound words
5. pronounce medical terms
6. write medical terms using correct spelling
7. use standard medical abbreviations appropriately
8. demonstrate ability to use a medical dictionary efficiently

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 to other systems
 1. Eye
 2. Abdominal Wall
 3. Ear
 4. Other
 5. Surgical 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 to other systems
 - 1. Eye
 - 2. Abdominal Wall
 - 3. Ear
 - 4. Other
- 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. Group work
- C. Video
- D. Use medical dictionary as reference
- E. Flashcards for word combinations
- F. **Audio-visual Activity** - Audio visuals cards

VII. TYPICAL ASSIGNMENTS:

A. Reading assignment: Read case study #3. Be prepared to read the study orally with correct pronunciation. B. Using the flashcards: Write them on a list underlining the prefixes and root words. 1. Arrange 10 anatomical system words using prefixes and root words 2. Write the 10 words on a list underlining the prefixes and root words. C. Find the medical terms in the word search. D. Give an oral report as assigned on a course-related subject such as preparation for a surgical technique.

VIII. EVALUATION:

A. **Methods**

- 1. Exams/Tests
- 2. Quizzes
- 3. Other:
 - a. Quizzes
 - b. Examinations
 - c. Medical crossword puzzles
 - d. Oral pronunciation exercises
 - e. Grading of written summary essays of medical case study and surgical reports
 - f. Comprehensive final exam

B. **Frequency**

- 1. At least one mid-term
- 2. Weekly quizzes
- 3. Weekly pronunciation exercises
- 4. At least 8 written reports
- 5. Comprehensive final exam

IX. TYPICAL TEXTS:

- 1. Chabner, Davi-Ellen *Language of Medicine*. 7th ed., Saunders Elsevier, 2007.
- 2. Any current medical dictionary (i.e. most recent Taber's)

X. OTHER MATERIALS REQUIRED OF STUDENTS: