



**El Camino College**  
**COURSE OUTLINE OF RECORD – Approved**

**I. GENERAL COURSE INFORMATION**

**Subject and Number:** Medical Terminology 1  
**Descriptive Title:** Medical Terminology  
**Course Disciplines:** Health Care Ancillaries  
**Division:** Health Sciences and Athletics

**Catalog Description:**

This course provides study and practical application of a medical vocabulary system according to body systems. Students review the basic construction of medical words, concentrating on word origins, root words, prefixes, and suffixes. Word structure, recognition, analysis, definition, spelling, and pronunciation are presented in the context of medical terms for organs, diseases, symptoms, diagnostic tests, and medical surgical procedures.

**Conditions of Enrollment:**

**Recommended Preparation:** English 1

<b>Course Length:</b>	<b>X Full Term</b>	<b>Other (Specify number of weeks):</b>
<b>Hours Lecture:</b>	<b>3.00 hours per week</b>	<b>TBA</b>
<b>Hours Laboratory:</b>	<b>0 hours per week</b>	<b>TBA</b>
<b>Course Units:</b>	<b>3.00</b>	

**Grading Method:** Letter  
**Credit Status:** Associate Degree Credit

**Transfer CSU:** X Effective Date: 5/22/2012  
**Transfer UC:** X Effective Date: Proposed

**General Education:**

**El Camino College:**

**CSU GE:**

**IGETC:**

## II. OUTCOMES AND OBJECTIVES

### A. COURSE STUDENT LEARNING OUTCOMES (The course student learning outcomes are listed below, along with a representative assessment method for each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)

1. Students will formulate medical terms by properly arranging prefixes, suffixes, word roots and combining forms.
2. Students will identify medical terms related to the body systems, including Greek and Latin terms.
3. Students will list appropriate medical abbreviations and their usage

### B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below, along with a representative assessment method for each)

1. Formulate medical terms by properly arranging prefixes, suffixes, word roots, and combining forms.  
Quizzes
2. Evaluate medical terms by interpreting their Greek and Latin parts.  
Quizzes
3. Differentiate between proper and improper spelling and pronunciation of common medical terms used to describe diseases and their symptoms as well as diagnostic, treatment and surgical procedures.  
Quizzes
4. Choose correct abbreviations for medical terms used to describe diseases and their symptoms as well as diagnostic tests and medical surgical procedures.  
Quizzes
5. Use a medical dictionary to compare closely related medical terms and choose the appropriate terms for specific applications.  
Written homework
6. Analyze the etymology of medical terms that apply to the structural organization of the body.  
Multiple Choice
7. Differentiate between medical terms that describe various diseases related to each of the nine body systems.  
Multiple Choice
8. Arrange medical terms that describe various diagnostic tests and medical surgical procedures.  
Written homework
9. Analyze and identify medical terms and their components, including prefixes, suffixes, roots, and combining forms.  
Quizzes
10. Analyze unfamiliar medical terms by their word parts and be able to define the unfamiliar terms with the aid of a medical dictionary.  
Quizzes
11. Examine medical documents for correct usage of medical terminology.  
Reading reports

**III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)**

<b>Lecture or Lab</b>	<b>Approximate Hours</b>	<b>Topic Number</b>	<b>Major Topic</b>
Lecture	3	I	<b>I. Introduction to Medical Terminology (3 hours, lecture)</b> A. Origin of medical terms B. Etymology including prefixes, suffixes, roots, combining forms, plurals and abbreviations
Lecture	6	II	<b>II. Human Body as A Whole (6 hours, lecture)</b> A. Structural units B. General plan C. Body planes D. Positions and directions
Lecture	6	III	<b>III. Musculoskeletal System (6 hours, lecture)</b> A. Etymology of disease terms, fractures and bone, joint and muscular deformities B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Lecture	4	IV	<b>IV. Integumentary System (4 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Lecture	5	V	<b>V. Cardiovascular System (5 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Lecture	3	VI	<b>VI. Respiratory System (3 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Lecture	6	VII	<b>VII. Gastrointestinal System (6 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures

			2. Types of medical material, supplies, instruments, and equipment
Lecture	5	VIII	<b>VIII. Genitourinary System (5 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Lecture	5	IX	<b>IX. Male Reproductive System (5 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Lecture	5	X	<b>X. Female Reproductive System (5 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Lecture	3	XI	<b>XI. Special Senses - Eye and Ear (3 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Lecture	3	XII	<b>XII. Nervous System (3 hours, lecture)</b> A. Etymology of disease terms B. Medical symbols C. Nomenclature of: 1. Diagnostic and surgical procedures 2. Types of medical material, supplies, instruments, and equipment
Total Lecture Hours		54	
Total Laboratory Hours		0	
Total Hours		54	

#### **IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS**

##### **A. PRIMARY METHOD OF EVALUATION:**

Problem solving demonstrations (computational or non-computational)

##### **B. TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:**

Given a list of 40 medical words, complete the given worksheet with the appropriate Latin terms including suffix, prefix, and word roots. Use your textbook and medical dictionary for reference. Submit to instructor for evaluation.

##### **C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:**

1. Compose a list of 20 medical terms and their abbreviations that describe cardiovascular diseases and their symptoms.
2. After given a common surgical procedure, formulate a 1-page medical report including; diagnosis, clinical signs and symptoms, surgical procedure, and surgical equipment. Submit your medical report to instructor for evaluation.

##### **D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:**

Performance exams

Other exams

Quizzes

Written homework

Homework Problems

Multiple Choice

Completion

Matching Items

#### **V. INSTRUCTIONAL METHODS**

Discussion

Field trips

Group Activities

Guest Speakers

Internet Presentation/Resources

Lecture

Multimedia presentations

Other (please specify)

Reading

Practice exams

**Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.**

**VI. WORK OUTSIDE OF CLASS**

Study  
 Answer questions  
 Skill practice  
 Required reading  
 Problem solving activities

**Estimated Independent Study Hours per Week: 6**

**VII. TEXTS AND MATERIALS****A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS**

Language of Medicine, 11<sup>th</sup> Edition, Davi-Ellen Chabner, Elsevier Publishing, 2017

**B. ALTERNATIVE TEXTBOOKS****C. REQUIRED SUPPLEMENTARY READINGS**

Completion of supplemental body systems booklets and use of the medical dictionary.

**D. OTHER REQUIRED MATERIALS**

Notebook

**VIII. CONDITIONS OF ENROLLMENT****A. Requisites (Course and Non-Course Prerequisites and Corequisites)**

Requisites	Category and Justification
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**B. Requisite Skills**

Requisite Skills
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**C. Recommended Preparations (Course and Non-Course)**

Recommended Preparation	Category and Justification
Course Recommended Preparation English 1	This course involves reading and interpreting a college level textbook. Student success in this course will be enhanced if they have this skill.

**D. Recommended Skills**

Recommended Skills
English 1 – Ability to read and interpret a college-level textbook. Summarize, analyze, evaluate, and synthesize college level texts

**E. Enrollment Limitations**

Enrollment Limitations and Category	Enrollment Limitations Impact
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Course created by Virginia Frenger on 09/01/1967.

**BOARD APPROVAL DATE:**

**LAST BOARD APPROVAL DATE: 03/20/2020**

**Last Reviewed and/or Revised by: Josephine Moore on 02/10/2020**

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