



ANTELOPE VALLEY COLLEGE

**Academic Affairs
Course Outline of Record**

Academic Affairs Only

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|---|
| <input type="checkbox"/> New Course |
| <input type="checkbox"/> Effective Date
(for articulation) |
| <input checked="" type="checkbox"/> COR Revision 5/13/2010 |
| <input type="checkbox"/> Pre Req/Advisories |
| <input type="checkbox"/> Other Changes |
| <input checked="" type="checkbox"/> SLOs 5/27/2008 |

COURSE SUBJECT & NUMBER: MOA 101

COURSE NAME: *Beginning Medical Terminology

COURSE UNITS: 3 **COURSE HOURS:** 3 hours weekly

COURSE REQUISITES: *(Follow format of similar courses found in the college catalog.)*

Advisory: Eligibility for ENGL 099 and READ 099

COURSE DESCRIPTION: *(Write a short paragraph providing an overview of topics covered. Be sure to identify target audience--transfer, major, GE, degree/certificate, etc. If repeatable, state the number of times at end of description as (R#).*

Basic terms commonly used in the medical field with emphasis on prefixes, suffixes and word roots. An introduction to anatomy and physiology will be used as an applied learning tool. (CSU, AVC)

COURSE OBJECTIVES: *(Title 5 requires that courses show evidence of critical thinking skills. Use Bloom's taxonomy to formulate concise, performance-based measurable objectives common to all students. Objectives must be closely aligned with course content, assignments, and methods of evaluation)*

Upon completion of course, the successful student will be able to:

1. Describe body systems using medical terms.
2. Describe disorders of body systems using medical terms in oral and written formats.
3. Interpret medical terms found in medical reports and laboratory results.
4. Pronounce and use medical terms correctly.
5. Analyze professional literature, case studies and other health information.

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COURSE CONTENT: *(Enter course content in terms of specific topics or a specific body of knowledge that each instructor must cover. Put topics in outline form with major and minor headings. Each instructor must cover all material listed below.)*

- I. Review of basic word structure, prefixes and suffixes
 - a. Medical word structure
 - b. Structural organization of the body
 - c. Prefixes
 - d. Suffixes
- II. Application of terminology related to the digestive system
 - a. Combining forms related to the digestive system
 - b. Common diagnostic and laboratory tests related to the digestive system
 - c. Disorders of the digestive system
 - d. Treatments for digestive system disorders
- III. Application of terminology related to the urinary and reproductive systems
 - a. Combining forms related to the urinary and reproductive systems
 - b. Common diagnostic and laboratory tests related to the urinary and reproductive systems
 - c. Disorders of the urinary and reproductive systems
 - d. Treatments for urological and reproductive disorders
- IV. Application of terminology to the nervous system
 - a. Combining forms related to the nervous systems
 - b. Common diagnostic and laboratory tests related to the nervous system
 - c. Disorders of the nervous system
 - d. Treatments for nervous system disorders
- V. Application of terminology to the cardiovascular system
 - a. Combining forms related to the cardiovascular system
 - b. Common diagnostic and laboratory tests related to the cardiovascular system
 - c. Disorders of the cardiovascular system
 - d. Treatments for cardiovascular system disorders
- VI. Application of terminology to the respiratory system
 - a. Combining forms related to the respiratory system
 - b. Common diagnostic and laboratory tests related to the respiratory system
 - c. Disorders of the respiratory system
 - d. Treatments for respiratory disorders
- VII. Application of terminology to the blood, lymph and immune systems
 - a. Combining forms related to blood, lymph and immune systems
 - b. Common diagnostic and laboratory tests related to blood, lymph and immune systems
 - c. Disorders of the blood, lymph and immune systems
 - d. Treatments for blood, lymph and immune disorders
- VIII. Application of terminology to the musculoskeletal systems
 - a. Combining forms related to the musculoskeletal system
 - b. Common diagnostic and laboratory tests related to the musculoskeletal systems
 - c. Disorders of the musculoskeletal system
 - d. Treatments for musculoskeletal disorders
- IX. Application of terminology to the integumentary system
 - a. Combining forms related to the integumentary system
 - b. Common diagnostic and laboratory tests related to the integumentary system
 - c. Disorders of the integumentary system
 - d. Treatments for integumentary system disorders
- X. Application of terminology to the endocrine system
 - a. Combining forms related to the endocrine system
 - b. Common diagnostic and laboratory tests related to the endocrine system
 - c. Disorders of the endocrine system
 - d. Treatments for endocrine disorders
- XI. Application of terminology to special medical situations
 - a. Cancer medicine
 - b. Radiology
 - c. Nuclear medicine
 - d. Pharmacology
 - e. Psychiatry

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TYPICAL HOMEWORK ASSIGNMENTS: (Do not include in-class work, quizzes, or tests)
This information is necessary for all credit courses. Assignments should be closely related to course objectives, content, and methods of evaluation. (See sample of a “Model Outline” in the AP&P Standards & Practices Handbook.) Include a range of assignments (minimum of three) from which faculty may choose when designing their syllabus.

1. *Describe nature and frequency of typical reading assignments if applicable; note if any are required:*

Ten to twenty pages of reading assignments from textbook and other medical sources weekly

2. *Describe nature and frequency of typical writing assignments if applicable; note if any are required:*

One 3 to 4 page research paper per semester

3. *Describe nature and frequency of typical computational assignments if applicable; note if any are required:*

None

4. *Describe other types of homework assignments that students may be asked to complete (oral presentations; special projects; visual/performing arts; etc); note if any are required:*

Homework assignments in workbook, reading medical articles and documents, and presentation of a journal article.
Presentation of the research paper or journal article.

*For categories 1-4 above, list the estimated hours per week it would take a student to complete assignments. Title 5 (section 55002) requires that each unit must be shown to require three hours of work per week by the student either in or out of class.
Homework formula: 3 hours of class work *times* each unit of credit *minus* classroom hours *equals* required homework hours.*

Reading Assignments: 3

Writing Assignments: 4

Computational Assignments: 0

Other Assignments: 2

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METHODS OF INSTRUCTION: *(Methods must be consistent with content and appropriate to objectives; state in terms of what instructor will be doing in order to present course content to students: for example, lecture, demonstration, present audio/visual materials; facilitate group work, etc. Do not list specific instructional equipment.)*

Lecture, audio-visuals, discussion, small group work, worksheets

METHODS OF EVALUATION: *(These must be clearly related to course objectives and reflect course content and assignments in order to comply with Title 5 requirements. Describe what instructor will be looking for when evaluating various assignments and tests in order to determine whether students have met course objectives. Grades must be based on demonstrated proficiency in subject matter and determined, where appropriate, by essays, objective and essay tests, research papers or projects, problem solving exercises, or skills' demonstrations.)*

Examinations and quizzes that include multiple choice, true-false, matching and short answer to evaluate Objectives #1-3.

Completion of written homework assignments and worksheets to evaluate Objective #2.

Written paper to determine ability to evaluate Objective #5

Oral presentation of a journal article via webcam or in person to evaluate Objective #4.

Completion of a written paper to evaluate Objective #5.

Suggested Texts or Other Instructional Materials

(List several when possible; include title, author, publisher, date, and latest edition. If older than five years, provide brief rationale.)

Gyls, B. & Wedding, M.E. Medical Terminology: A Body Systems Approach, 6th Ed. F.A. Davis, 2009.

Stedman's Concise Medical Dictionary, T.L. Stedman (ed.), 2008, 6th ed. (recommended)