



# School of Nursing and Health Professions Syllabus



**Term:** Credit: 3CR **Office Hours:**

**Course Code:** MDA 106 ONLINE **Office Location:**

**Title of Course:** Medical Terminology **Email:**

**Days & Times:** **Phone:**

**Location:** **Prerequisites/ Corequisites:**

**Instructor:**

## **COURSE DESCRIPTION:**

This is a basic course in the development of the medical vocabulary commonly used in medical practice. Emphasis is placed on the study of prefixes, suffixes, root words, and combining forms. Physiologic and anatomic terms referring to human tissues and organ systems are introduced. Emphasis is also placed on building the professional vocabulary required of a career in a health care facility.

Because of the breadth and depth of material that is to be covered, this course will require a minimum of one hour per week of independent laboratory time.

## **COURSE OBJECTIVE:**

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

1. Course Goal 1: Students will learn to navigate the hybrid course. Students will be able to:
  - a. define the hybrid course (LO 1.1)
  - b. identify requirements for the hybrid course (LO 1.2)
  - c. locate the activities for each unit in the course (LO 1.3)
  - d. use all the Blackboard and course tools (LO1.4)
  - e. manage the course activity for each unit at the designated time (LO 1.5)
  - f. solve all the assignments and quizzes for the course (LO 1.6)
  - g. evaluate the course at the end of the course using the survey tools (LO 1.7)
2. Course Goal 2: Students will understand the medical terminology basic word structure. Students will be able to:
  - a. demonstrate a comprehensive knowledge of terms pertaining to the body (LO 2.1)
  - b. demonstrate a comprehensive knowledge of prefixes and suffixes. (LO 2.3)

- c. identify related word parts and their meanings. (LO 2.4)
  - d. identify most types of combining forms and when they are used. (LO 2.5)
  - e. analyze and pronounce various medical terms as discussed. (LO 2.6)
3. Course Goal 3: Students will learn medical terms that relate to various parts of the body. Students will be able to:
- a. define medical terms in body cavities and regions. (LO 3.1)
  - b. identify the abdominopelvic regions and body quadrants. (2) (LO 3.2)
  - c. categorize the divisions of the spinal column. (LO 3.3)
  - d. discuss positional and directional terms of the body. (2) (LO 3.4)
  - e. discuss all the positional planes of the body. (LO 3.5)
4. Course Goal 4: Students will be able to understand and have knowledge of the digestive and urinary systems. Students will be able to:
- a. discuss the anatomy and physiology of the digestive system. (LO 4.1)
  - b. distinguish between a word root and suffix of the digestive system. (LO 4.2)
  - c. identify combining forms of the digestive and urinary systems. (LO 4.3)
  - d. discuss pathological conditions of the urinary and digestive systems. (LO 4.4)
  - e. identify abbreviations of the urinary and digestive systems. (LO 4.5)
5. Course Goal 5: Students will learn the medical terminology associated with the male and female reproductive systems. Students will be able to:
- a. discuss the various organs of the male and female reproductive system. (LO 5.1)
  - b. explain the various mechanisms associated with menstruation and pregnancy. (LO 5.2)
  - c. construct combining forms, suffixes, and prefixes of the male and female reproductive system. (LO 5.3)
  - d. discuss various sexually transmitted diseases of the male and female reproductive system. (LO 5.4)
  - e. analyze the various abbreviations associated with the male and female reproductive system. (LO 5.5)
6. Course Goal 6: Students will learn medical terminology associated with the nervous system. Students will be able to:
- a. discuss the general structure of the nervous system. (LO 6.1)
  - b. describe the brain, spinal cord, and meninges. (LO 6.2)
  - c. analyze combining forms and terminology of the nervous system. (LO 6.3)
  - d. recognize pathological conditions of the nervous system. (LO 6.4)
  - e. demonstrate knowledge of the abbreviations, laboratory tests, and clinical procedures of the nervous system. (LO 6.5)
7. Course Goal 7: Students will understand the various medical terminology associated with the respiratory and cardiovascular systems. Students will be able to:
- a. illustrate and analyze the blood vessels and circulation of the heart. (LO 7.1)
  - b. compare and contrast the combining forms and medical terminology associated with the respiratory and cardiovascular systems. (LO 7.2)
  - c. define various medical terms of the respiratory and cardiovascular systems. (LO 7.3)
  - d. assess the various abbreviations in the cardiovascular and respiratory systems.

- (LO 7.4)
- e. describe pathological conditions of the cardiovascular and respiratory systems. (LO 7.5)
8. Course Goal 8: Students will comprehend medical terms related to blood as well as the immune and lymphatic systems.  
Students will be able to:
- analyze blood composition and formation. (LO 8.1)
  - define the various combining forms in the lymphatic, immune, and blood systems. (LO 8.2)
  - analyze suffixes and prefixes of the lymphatic, immune, and blood systems. (LO 8.3)
  - compare and contrast pathological conditions of the lymphatic, immune, and blood systems. (LO 8.4)
  - assess the various abbreviations in the immune, lymphatic, and blood systems. (LO 8.5)
9. Course Goal 9: Students will learn the various medical terminologies associated with the musculoskeletal and Integumentary systems.  
Students will be able to:
- discuss the formation and structure of bone. (LO 9.1)
  - discuss the vertebral column and the structure of vertebrae. (LO 9.2)
  - analyze bones of the thorax and lower extremities. (LO 9.3)
  - discuss combining forms of the musculoskeletal and integumentary systems. (LO 9.4)
  - compare and contrast skin lesions and various neoplasms of the integumentary system. (LO 9.5)
10. Course Goal 10: students will understand the medical terminology of the eye and ear.  
Students will be able to:
- analyze the anatomy and physiology of the eye and ear. (LO 10.1)
  - discuss the structure and fluids of the eye. (LO 10.2)
  - analyze the various combining forms associated with the eye and ear. (LO 10.3)
  - recognize clinical procedures and abbreviations of the eye and ear. (LO 10.4)
  - discuss errors of refraction of the eye. (LO 10.5)
11. Course Goal 11: Students will comprehend the medical terms of the following medical specialties: endocrinology, oncology, and radiology.  
Students will be able to:
- discuss the various glands in the body that are associated with the endocrine system. (LO 11.1)
  - break down the suffixes, prefixes, and combine forms associated with the endocrine system. (LO 11.2)
  - analyze the various conditions associated with the endocrine system. (LO 11.3)
  - assess the characteristics of a tumor. (LO 11.4)
  - compare and contrast the carcinogenesis and classifications of tumors. (LO 11.5)
  - discuss various abnormal conditions associated with cancer. (LO 11.6)
  - analyze the characteristics of an x-ray. (LO 11.7)
  - discuss various combining forms, prefixes, and suffixes associated with radiology. (LO 11.8)

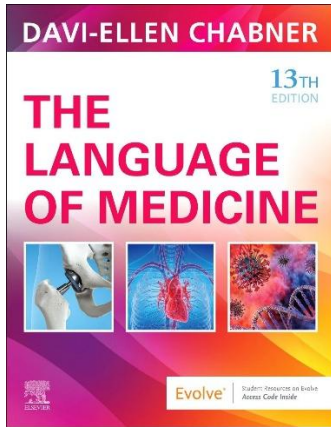
12. Course Goal 12: Students will learn the medical terms of pharmacology as well as understand medical terminology associated with psychiatry.

Students will be able to:

- a. categorize drug names and standards of medications. (LO 12.1)
- b. analyze classes of drugs and their actions. (LO 12.2)
- c. discuss combining forms, prefixes, and suffixes of pharmacology. (LO 12.3)
- d. discuss various psychiatric conditions. (LO 12.4)
- e. discuss word roots, combining forms, and suffixes of psychiatry. (LO 12.5)
- f. analyze abbreviations associated with the world of psychiatry. (LO 12.6)

**TEXTBOOK REQUIRED:**

habner, Davi-Ellen, The Language of Medicine. Philadelphia: W. B. Saunders Co. 10th Edition  
 ISB



**EVALUATION METHODS:**

Learning Activities	Points
Discussions	260
Assignments	390
Quizzes	350
<b>Total</b>	<b>1000</b>

Points (Hudson Online)	Percentage (%)	Letter Grade
940-1000	94% - 100%	A
900-939	90% - 93%	A-
870-899	87% - 89%	B+

830-869	83% - 86%	B
800-829	80% - 82%	B-
770-799	77% - 79%	C+
700-769	70% - 76%	C
600-699	60% - 69%	D
0-599	0% - 59%	F

### WEEKLY OUTLINE:

Unit	Topic	Learning Outcomes (L.O)
1	The Basics of Medical Terminology	LO 2.1, 2.3, 2.4, 2.5
2	Medical Terminology for the Urinary & Digestive Systems/Male & Female Reproductive Systems	LO 4.1, 4.2, 4.3, 4.4, 4.5, 5.1, 5.2, 5.3, 5.4, 5.5
3	Medical Terminology for the Nervous, Cardiovascular, & Respiratory Systems	LO 6.1, 6.2, 6.3, 6.4, 6.5, 7.1, 7.2, 7.3, 7.4, 7.5
4	Medical Terminology for the Lymphatic, Immune, Musculoskeletal & Integumentary Systems	LO 8.1, 8.2, 8.3, 8.4, 8.5, 9.1, 9.2, 9.3, 9.4, 9.5
5	Medical Terminology for the Ear and Eyes, & the Endocrine System.	LO 10.1, 10.2, 10.3, 10.4, 10.5, 11.1, 11.2, 11.3
6	Medical Terminology for Oncology & Radiology	LO 11.4, 11.5, 11.6, 11.7, 11.8
7	Medical Terminology for Pharmacology & Psychiatry	LO 12.1, 12.2, 12.3, 12.4, 12.5, 12.6

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<https://www.hccc.edu/administration/academic-affairs/syllabus-addendum.html>