



**COURSE OUTLINE**

**DIVISION: Health Professions**

**COURSE: ALH 1001 Medical Terminology**

Date: Fall, 2018

Credit Hours: 3

Prerequisite(s):

Delivery Method:  **Lecture**                    **3 Contact Hours (1 contact = 1 credit hour)**  
 **Seminar**                    **0 Contact Hours (1 contact = 1 credit hour)**  
 **Lab**                                **0 Contact Hours (2-3 contact = 1 credit hour)**  
 **Clinical**                    **0 Contact Hours (3 contact = 1 credit hour)**  
 **Online**  
 **Blended**

Offered:  **Fall**     **Spring**     **Summer**

IAI Equivalent –**Only for Transfer Courses**-go to <http://www.itransfer.org>:

**CATALOG DESCRIPTION:**

This course focuses on basic language related to the health field. Emphasis is given to word analysis and construction, definitions, pronunciation, and spelling. Fundamentals of the anatomy, physiology, and pathology of body systems are explored, and terminology related to these systems is presented.

**GENERAL EDUCATION GOALS ADDRESSED**

*[See last page for Course Competency/Assessment Methods Matrix.]*

**Upon completion of the course, the student will be able:**

*[Choose up to three goals that will be formally assessed in this course.]*

- To apply analytical and problem solving skills to personal, social, and professional issues and situations.
- To communicate successfully, both orally and in writing, to a variety of audiences.
- To construct a critical awareness of and appreciate diversity.

- To understand and use technology effectively and to understand its impact on the individual and society.
- To develop interpersonal capacity.
- To recognize what it means to act ethically and responsibly as an individual and as a member of society.
- To recognize what it means to develop and maintain a healthy lifestyle in terms of mind, body, and spirit.
- To connect learning to life.

### **EXPECTED LEARNING OUTCOMES AND RELATED COMPETENCIES:**

*[Outcomes related to course specific goals. See last page for more information.]*

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

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

1. Recognize the elements and meanings of terms used in the health field. Discuss the 4 parts of medical terms.  
 Define word building.  
 Discuss the organization of body in terms of cells, tissues, organs, and systems.  
 Define the body's 4 tissue types.  
 List and describe major organs and accessory organs found in the body's 12 systems (integumentary system; musculoskeletal system; endocrine system; cardiovascular system; lymphatic and hematic system; respiratory system, digestive system; urinary system; reproductive system; nervous system; and special senses (eye and ear).  
 List body cavities and major content.  
 Identify the divisions of the back.  
 Describe directional and positional terms.  
 Describe the anatomical positions.  
 Locate and describe the 9 anatomical divisions of the abdomen.  
 Describe and list the 3 layers of skin  
 Differentiate the axial or appendicular skeleton.  
 List and describe the 3 types of muscle tissue.  
 List major glands and hormones of the endocrine system  
 Discuss the electrical conduction system that controls the heartbeat.  
 Discuss the immune response  
 Describe the blood grouping system.  
 Discuss the process of respiration and digestion.  
 Use medical terms to describe circumstances relating to male and female reproductive system.  
 Describe the nephron and mechanism of urine production.  
 Distinguish between central nervous system, peripheral and autonomic system.  
 Describe how we see in general medical terms.  
 Describe overall the path of sound vibration for hearing.  
 Recognize the different classes of drugs.
  
2. Transfer knowledge by combining root with prefixes and suffixes.  
 Recognize word roots and combining forms  
 Identify prefixes and suffixes  
 Build medical terms from word parts involving: body structure; integumentary system; musculoskeletal system; endocrine system; cardiovascular system; lymphatic and hematic system; respiratory system; digestive system; urinary system; reproductive system; nervous system; and special senses (eye and ear); pharmacology; and special topics including emergency medicine, gerontology, radiology, and oncology.  
 Describe how to read and interpret a medical term.

3. Spell and pronounce correctly words that are learned.  
 State the rules for determining singular and plural endings.  
 Utilize correct spelling when writing medical terms.  
 Discuss the importance of using caution with abbreviations.  
 Pronounce medical terms and major anatomical structures out loud.  
 Interpret common abbreviations associated with 12 body systems (integumentary system; musculoskeletal system; endocrine system; cardiovascular system; lymphatic and hematic system; respiratory system, digestive system; urinary system; reproductive system; nervous system; and special senses (eye and ear); pharmacology and special topics including emergency medicine, gerontology, radiology, and oncology.
4. Read with better understanding texts of allied health related fields. Define vocabulary, pathology, diagnostic medical terms relating to: integumentary system; musculoskeletal system; endocrine system; cardiovascular system; lymphatic and hematic system; respiratory system, digestive system; urinary system; reproductive system; nervous system; and special senses (eye and ear); pharmacology and special topics including emergency medicine, gerontology, radiology, and oncology.
5. Communicate effectively using general and specialized terms studied in this course.  
 Understand the importance of confidentiality  
 Participate in on-line activities (flashcards, discussion, games).

### **MAPPING LEARNING OUTCOMES TO GENERAL EDUCATION GOALS**

*[For each of the goals selected above, indicate which outcomes align with the goal.]*

<b>Goals</b>	<b>Outcomes</b>
First Goal	
To communicate successfully, both orally and in writing, to a variety of audiences.	Communicate effectively using general and specialized terms studied in this course.

## **COURSE TOPICS AND CONTENT REQUIREMENTS:**

- A. Introduction to course
  - 1. Review of syllabus
- B. Basic Word Structure
  - 1. Prefixes, suffixes, combining forms
  - 2. Conversion of medical terms into simple English
- C. Terms pertaining to the Body as a Whole
  - 1. Structural organization of the body
  - 2. Positional and directional terms
- D. Suffixes
  - 1. Combining forms
  - 2. Suffixes and terminology
- E. Prefixes
  - 1. Combining forms
  - 2. Prefixes and terminology
- F. Anatomy and Physiology, Pathology, and Terminology of: (12 major body systems): Skin; Musculoskeletal System; Cardiovascular System; Blood and Lymphatic System; Nervous System; Respiratory System; Digestive System; Organs of Special Sense - Eyes and Ears; Endocrine System; Urinary System; Female Reproductive System; Male Reproductive System
- G. Terms pertaining to Pharmacology
  - 1. Classification of drugs and their uses
- H. Terms pertaining to Special Topics
  - Emergency Medicine; Gerontology; Radiology; Oncology; Occupational Therapy; Surgery; Mental Health; Pediatrics

## **INSTRUCTIONAL METHODS**

- Assigned Readings
- Computer Aided Instruction
- Audio-Visual Aids - videos

## **INSTRUCTIONAL MATERIALS:**

Required Textbook:

Fremgen, B.F. and Frucht, S.S, Medical Terminology: A Living Language 7th Edition, New York: Pearson, 2019

Medical Dictionary of your choice

Pearson, "MyMedicalTerminologyLab" - access code packaged with your text book purchased in IVCC bookstore - or purchase on the Pearson web site

## **STUDENT REQUIREMENTS AND METHODS OF EVALUATION:**

A= 90-100

B= 80-89

C= 70-79

D= 60-69

F= Below 60

# Course Competency/Assessment Methods Matrix

(Dept/# Course Name)		Assessment Options																															
For each competency/outcome place an "X" below the method of assessment to be used.	Assessment of Student Learning	Article Review	Case Studies	Group Projects	Lab Work	Oral Presentations	Pre-Post Tests	Quizzes	Written Exams	Artifact Self Reflection of Growth	Capstone Projects	Comprehensive Written Exit Exam	Course Embedded Questions	Multi-Media Projects	Observation	Writing Samples	Portfolio Evaluation	Real World Projects	Reflective Journals	Applied Application (skills) Test	Oral Exit Interviews	Accreditation Reviews/Reports	Advisory Council Feedback	Employer Surveys	Graduate Surveys	Internship/Practicum /Site Supervisor Evaluation	Licensing Exam	In Class Feedback	Simulation	Interview	Written Report	Assignments	
	Direct/ Indirect	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	I	I	I	I	D	D						
Recognize the elements and meanings of terms used in the health field.							X	X	X			X																					X
Transfer knowledge by combining root with prefixes and suffixes.							X	X	X			X																					X
Spell and pronounce correctly words that are learned							X	X	X			X																					X
Read with better understanding texts of allied health related fields							X	X	X			X																					X
Communicate effectively using general and specialized terms studied in this course.							X	X	X			X																					X
Transfer knowledge by combining root words with prefixes and suffixes							X	X	X			X																					X
Communicate effectively using general and specialized terms studied in this course							X	X	X			X	X																				X