



ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Nursing

COURSE: ALH 1001 The Terminology of the Health Field

Date: Spring 2023

Credit Hours: 3

Complete all that apply or mark "None" where appropriate:

Prerequisite(s): None

Enrollment by assessment or other measure? Yes No

If yes, please describe:

Corequisite(s): None

Pre- or Corequisite(s): None

Consent of Instructor: Yes No

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)

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

CATALOG DESCRIPTION and IAI NUMBER (if applicable):

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.

ACCREDITATION STATEMENTS AND COURSE NOTES:

Students must earn a C or better in this class for it to count as part of an IVCC transfer degree and/or as a course accepted by an IAI institution.

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. System specific pharmacology terms relating to body systems
- H. Terms pertaining to Special Topics
 - 1. Diagnostics, Procedures, Pathology

INSTRUCTIONAL METHODS:

Instructional methods are at the discretion of the instructor and may include:

- Assigned Readings from Course Textbook
- Computer Aided Instruction
- Narrated PowerPoint 'Lectures'
- Audio-Visual Aids - videos
- Respondus with Web Camera Video Monitoring

EVALUATION OF STUDENT ACHIEVEMENT:

Evaluation methods are at the discretion of the instructor and may include:

- Quizzes
- Weekly Assignments
- Web-based activities
- Exams

INSTRUCTIONAL MATERIALS:

Textbooks

Required Textbook:

Fremgen, B.F. and Frucht, S. (2019). *Medical Terminology: A Living Language* (7th ed), New Jersey: Pearson

Optional Textbook:

Medical Dictionary of your choice

Resources

Required Resources/Technology:

- Pearson *My Lab* - access code packaged with your Inclusive Access to the textbook
- Web Camera - either computer equipped, or one purchases and compatible with your computer
- Internet Access
- Google Chrome or Firefox browser
- Respondus LockDown Browser

LEARNING OUTCOMES AND GOALS:

Institutional Learning Outcomes

- 1) Communication – to communicate effectively;
- 2) Inquiry – to apply critical, logical, creative, aesthetic, or quantitative analytical reasoning to formulate a judgement or conclusion;
- 3) Social Consciousness – to understand what it means to be a socially conscious person, locally and globally;
- 4) Responsibility – to recognize how personal choices affect self and society.

Course Outcomes and Competencies

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

1. **Recognize the elements and meanings of terms used in the health field.**
 - 1.1 Identify the 4 parts of medical terms.
 - 1.2 Define word building.
 - 1.3 Identify the organization of body in terms of cells, tissues, organs, and systems.
 - 1.4 Define the body's 4 tissue types.
 - 1.5 Identify and define terminology used to describe the 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).
 - 1.6 Define body cavities and major content.

- 1.7 Identify the divisions of the back.
 - 1.8 Define directional and positional terms.
 - 1.9 Describe the anatomical positions.
 - 1.10 Identify the terms used to describe the 9 anatomical divisions of the abdomen.
 - 1.11 Define the 3 layers of skin using proper terminology
 - 1.12 Differentiate the axial or appendicular skeleton terminology.
 - 1.13 Define the 3 types of muscle tissue and the terminology used to describe them
 - 1.14 Define and use correct terminology for glands and hormones of the endocrine system
 - 1.15 Identify the terminology used to describe the electrical conduction system that controls the heartbeat.
 - 1.16 Identify and define the terminology used within the immune response
 - 1.17 Identify the correct terminology for the blood grouping system.
 - 1.18 Define the process of respiration and digestion using correct terminology
 - 1.19 Use medical terms to describe anatomy and circumstances relating to male and female reproductive system.
 - 1.20 Describe the nephron and mechanism of urine production using correct terminology
 - 1.21 Distinguish between central nervous system, peripheral and autonomic system using proper terminology
 - 1.22 Define terminology used for the senses of sight and hearing
 - 1.23 Introduce self to common terms used in the area of pharmacology
2. **Transfer knowledge by combining root with prefixes and suffixes.**
 - 2.1 Recognize word roots and combining forms
 - 2.2 Accurately identify meaning of prefixes and suffixes
 - 2.3 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
 - 2.4 Apply knowledge of medical terminology to read and interpret medical reports.
3. **Spell and pronounce correctly medical terminology that are learned.**
 - 3.1 Apply the rules for determining singular and plural endings.
 - 3.2 Utilize correct spelling when writing medical terms.
 - 3.3 Identify the importance of using only approved medical abbreviations.
 - 3.4 Utilize audio resources with text to learn and practice pronunciation of medical terms and major anatomical structures out loud.
 - 3.5 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
4. **Read with better understanding the texts of allied health related fields.**
 - 4.1 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

5. **Communicate effectively using general and specialized terms studied in this course.**
 - 5.1 Recognize the importance of confidentiality
 - 5.2 Participate on on-line activities to improve understanding of medical terminology (flashcards, narrated presentations, games).
 - 5.3 Apply knowledge of medical terminology when reading, writing, or discussing health-related concepts