



MERCER
COUNTY COMMUNITY COLLEGE

COURSE OUTLINE

Course Number
HPE113

Course Title
Medical Terminology

Credits
3

Hours:
Lecture/Lab/Other
3/0/0

Co- or Pre-requisite
ENG101 Placement

Implementation
Semester & Year
Spring 2022

Catalog description:

Basic medical terms with an emphasis on general organizational principles. Topics include the use of prefixes, suffixes, and roots to convey meaning. Exercises provide practice with vocabulary, pronunciation, and report writing. Appropriate for students in nursing, allied health, and medical office assistant programs. *3 lecture hours*

General Education Category:
Not GenEd

Course coordinator: Mike DeAngelis MS,CSCS, 609-570-3758,
deangelm@mccc.edu

Required texts & Other materials:

The Language of Medicine, 11th Edition
Davi-Ellen Chabner; W.B. Saunders Publishing Company
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Course Student Learning Outcomes (SLO):

The student will be able to:

- Comprehend and define medical words/terms used in the medical profession. (ILG 3, PLO 3)
- Categorize and divide medical words/terms into component parts to ascertain their meanings. (ILG 1,11, PLO 3,4)
- Utilize the medical words/terms to build a solid foundation in terminology to succeed in a healthcare profession. (ILG 1,3 PLO 4)
- Practice using a medical dictionary and other medical reference material in order to obtain definitions and pronunciations. (ILG 1,3 PLO 4)
- Reinforce the study of anatomy with a review of the body systems and appropriate terminology. (ILG 3,11, PLO 4)
- Recognize, spell correctly, define, and pronounce a wide variety of terms from all areas of medicine. (ILG 1, PLO 3)

Course-specific Institutional Learning Goals (ILG):

Institutional Learning Goal 1. Written and Oral Communication in English. Students will communicate effectively in both speech and writing.

Institutional Learning Goal 3. Science. Students will use the scientific method of inquiry, through the acquisition of scientific knowledge.

Institutional Learning Goal 11. Critical Thinking: Students will use critical thinking skills understand, analyze, or apply information or solve problems.

Program Learning Outcomes for Exercise Science A.S. (PLO)

1. Succeed academically upon transfer to a baccalaureate program related to exercise science;
2. Secure employment in the field of exercise science;
3. Demonstrate the knowledge, skills, and ethical integrity necessary to succeed and grow as a health, wellness, fitness, and/or athletic performance professional;
4. Apply scientific and physiological principles to the promotion and enhancement of health, wellness, fitness, and athletic performance;
5. Assess and evaluate an individual's health and performance;
6. Prescribe workouts for generally healthy individuals as well as for athletic populations and those with special considerations;
7. Conduct safe and effective training sessions with generally healthy individuals

Units of study in detail – Unit Student Learning Outcomes:

Unit 1

BASIC WORD STRUCTURE

Student will be able to:

- Learn objectives in studying the medical language
- Practice word analysis
- Apply practical applications to basic word structure
- Pronunciation of key medical terms

SLO 1,2,3,4

Unit 2

TERMS PERTAINING TO THE BODY AS A WHOLE

Student will be able to:

- Understand the structural organization of the body
- Identify abdominopelvic regions and quadrants
- Describe divisions of the back (spinal column)
- Understand positional and directional terms
- Describe the planes of the body
- Practical applications of terms pertaining to the body as a whole

SLO 1,2,3,4,6

Unit 3

SUFFIXES/PREFIXES

Student will be able to:

- Combine forms of suffixes and prefixes
- Pronounce suffixes
- Practical applications of suffixes and prefixes
- Explain suffix and prefix terminology

SLO 1,2,6

Unit 4

DIGESTIVE SYSTEM

- Student will be able to:
- Understand the anatomy and physiology of the digestive system
- Learn terminology of the digestive system
- Describe pathology and pathological conditions of the digestive system
- Pronounce terms pertaining to the digestive system

SLO 1,3,4,5,6

Unit 5

URINARY SYSTEM

- Understand the anatomy of the major organs
- Describe how the kidneys produce urine
- Urinalysis
- Understand terminology of structures and substances
- Describe Pathologic terminology - kidney, bladder, and associated conditions
- Pronounce urinary systems terms

SLO 1,2,6

Unit 6

REPRODUCTION SYSTEMS

- Classify organs of the female reproductive system
- Identify organs of the male reproductive system
- Describe the process of menstruation and pregnancy
- Discuss pathology as it relates to gynecologic, breast and neo-natal
- Identify clinical tests and procedures
- Discuss pathologic conditions relating to sexually transmitted infections
- Pronounce reproductive systems terms

SLO 1,2,3,5,6

Unit 7

RESPIRATORY SYSTEM

- Conceptualize the anatomy and physiology of respiration
- Identify respiratory terminology and vocabulary
- Name and describe pathological respiratory conditions
- Pronounce respiratory system terms

SLO 1,3,5

Unit 8

SKIN

- Understand the anatomy of the skin
- Describe the accessory structures of the skin
- Identify and understand terminology and vocabulary of the skin
- Name and describe various pathological skin conditions.
- Pronounce terms relating to the skin

SLO 1,3,5

Unit 9

NERVOUS SYSTEM

- Define the terms Neuron, Nerve, and Glial Cell
- Understand the physiology and functioning of the brain
- Conceptualize Spinal Cord and Meninges vocabulary and terminology
- Name and describe pathological conditions, laboratory tests & clinical procedures
- Pronounce terms relating to the nervous system

SLO 1,3,5

Unit 10

ENDOCRINE SYSTEM

- Define and describe the following terms: Thyroid gland, parathyroid glands, adrenal gland, pancreas, pituitary gland, ovaries, testes
- Name and describe pathological conditions, laboratory tests, and clinical procedures relating to the endocrine system
- Pronunciation of terms

SLO 1,3,6

Unit 11

CARDIOVASCULAR SYSTEM

- Describe blood vessels and the circulation of blood
- List and identify the anatomy of the heart
- Understand the physiology of the heart
- Understand the meaning and importance of blood pressure
- Identify and understand vocabulary and terminology pertaining to the cardiovascular system
- Name and describe pathological conditions, laboratory tests, and clinical procedures of the heart and blood vessels
- Pronounce terms of the cardiovascular system

SLO 1,3,6

Unit 12

MUSCULOSKELETAL SYSTEM

- Identify and describe the vocabulary, pathology, and physiology of bones
 - Identify and describe the vocabulary, pathology, and physiology of the muscles
 - Identify and describe the vocabulary, pathology, and physiology of the joints
 - Pronounce terms pertaining to the musculoskeletal system
- SLO 1,3,5**

Unit 13

LYMPHATIC SYSTEM

- Discuss terms and functionality of the lymphatic and immune systems
 - Describe various pathological conditions relating to the lymphatic system
 - Pronounce terms pertaining to the lymphatic system
- SLO 1,3,5**

Evaluation of student learning:

***Students in the Medical Assistant Program at the Health Careers Center must achieve a minimum grade of 75% in order to remain in the Medical Assistant Program.**

Class Participation	10%
Chapter Quizzes	30%
Chapter Tests	30%
Final Exam	30%