

Standard Institutionally Developed College: N/A

EDGE Compatible: No

Pre-requisites

Program Admission

Co-requisites

Course Description

Provides a study of medical terminology and the basic study of structure and function of the human body. It provides an overview of the functions of each body system and the medical terminology associated with each system. This course is intended for students in non-medical programs and is designed to provide medical terminology and basic knowledge of anatomy and physiology.

Course Length

	Minutes	Contact Unit
Lecture:	3000	
Lab 2:	0	
Lab 3:	0	
Practicum/Internship:	0	
Clinical:	0	
Total:	3000	4
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Semester Credit Hours:		4

Competencies

Order	Description	Lecture	Lab2	Lab3	Practicum/Internship	Clinical	Total Minutes	Semester Credit Hrs
1	Introduction to Medical Terminology Used in Describing the Human Body	600	0	0	0	0	600	
2	Overview of Structure and Function of the Human Body	2400	0	0	0	0	2400	
3		0	0	0	0	0	0	
	Totals for Course ALHS 1010 - Introduction to Anatomy and Physiology (version 201003):	3000	0	0	0	0	3000	4

Learning Outcomes

Introduction to Medical Terminology Used in Describing the Human Body

Order	Description	Learning Domain	Level of Learning
1	Overview introduction to medical terminology used in describing the human body.	Cognitive	Knowledge
2	Define the use of medical terms as they relate to the integumentary system.	Cognitive	Knowledge
3	Define the use of medical terms as they relate to the skeletal system.	Cognitive	Knowledge
4	Define the use of medical terms as they relate to the muscular system.	Cognitive	Knowledge
5	Define the use of medical terms as they relate to the nervous and sensory systems.	Cognitive	Knowledge
6	Define the use of medical terms as they relate to the endocrine system.	Cognitive	Knowledge
7	Define the use of medical terms as they relate to the cardiovascular system.	Cognitive	Knowledge
8	Define the use of medical terms as they relate to the lymphatic system.	Cognitive	Knowledge
9	Define the use of medical terms as they relate to the respiratory system.	Cognitive	Knowledge
10	Define the use of medical terms as they relate to the digestive system.	Cognitive	Knowledge
11	Define the use of medical terms as they relate to the urinary system.	Cognitive	Knowledge
12	Define the use of medical terms as they relate to the reproductive system.	Cognitive	Knowledge

Overview of Structure and Function of the Human Body

Order	Description	Learning Domain	Level of Learning
1	Define anatomy and physiology.	Cognitive	Knowledge
2	Introduce the structural makeup of the human body.	Cognitive	Knowledge
3	Identify the structure of a cell tissue, organ, and system, and explain the relationship among these structures as they constitute an organism.	Cognitive	Knowledge
4	Define the terms homeostasis and metabolism.	Cognitive	Knowledge
5	Identify the biologically significant elements from a given list by their chemical symbols and summarize the main functions of each in the body.	Cognitive	Knowledge
6	Describe the structure, functions, and major components of the integumentary system.	Cognitive	Comprehension
7	Describe the structure, functions, and major components of the skeletal system.	Cognitive	Comprehension
8	Describe the structure, functions, and major components of the muscular system.	Cognitive	Comprehension
9	Describe the structure, functions, and major components of the nervous and sensory systems.	Cognitive	Comprehension
10	Describe the structure, functions, and major components of the endocrine system.	Cognitive	Comprehension
11	Describe the structure, functions, and major components of the cardiovascular system.	Cognitive	Comprehension
12	Describe the structure, functions, and major components of the lymphatic system.	Cognitive	Comprehension
13	Describe the structure, functions, and major components of the respiratory system.	Cognitive	Comprehension
14	Describe the structure, functions, and major components of the digestive system.	Cognitive	Comprehension
15	Describe the structure, functions, and major components of the urinary system.	Cognitive	Comprehension
16	Describe the structure, functions, and major components of the reproductive system.	Cognitive	Comprehension

No Learning Outcomes entered for this Course Competency.

References

Order	Reference Type	Description
1	Essays or Chapters in Edited Books - One Author	Longenbaker, S.. (2007). Mader's understanding human anatomy and physiology. 6th. pp. 496 New York, NY: McGraw Hill
2	Essays or Chapters in Edited Books - One Author	Marieb, E.. (2008). Essentials of human anatomy and physiology. 9th. pp. 640 Menio Park, CA: Benjamin Cummings
3	Essays or Chapters in Edited Books - One Author	Cohen, B. & Taylor, J.. (2008). Memmler's structure and function of the human body. 9th. pp. 496 Philadelphia, PA: Lippincott, Williams & Wilkins
4	Essays or Chapters in Edited Books - One Author	Rice, J.. (2004). Medical terminology with anatomy and physiology. 2nd. pp. 736 Upper Saddle River, NJ: Prentice Hall
5	Essays or Chapters in Edited Books - One Author	Rizzo, D.. (2005). Fundamentals of anatomy and physiology. 2nd. pp. 522 Clifton Park, NY: Centgage Delmar
6	Essays or Chapters in Edited Books - One Author	Scanlon, V. & Sanders, T.. (2007). Essentials of anatomy and physiology. 5th. pp. 603 Philadelphia, PA: F.A. Davis
7	Essays or Chapters in Edited Books - One Author	Scott, A. & Fong, E.. (2004). Body structures and functions. 10th. pp. 520 Clifton Park, NY: Centgage Delmar
8	Essays or Chapters in Edited Books - One Author	Shier, Butler & Lewis. (2007). Hole's essentials of human anatomy and physiology. 11th. pp. 1043 New York, NY: McGraw Hill
9	Essays or Chapters in Edited Books - One Author	Thibodeau, G. & Patton, K.. (2004). Structure and function of the body. 12th. pp. 547 Philadelphia, PA: Elsevier Mosby
10	Essays or Chapters in Edited Books - One Author	Thomas, C.. (2005). Taber's cyclopedic medical dictionary. 20th. pp. 2788 Philadelphia, PA: F.A. Davis