



COURSE OUTLINE: BIOL1050 - ANTMY & PHYS

Prepared: Leslie Dafoe

Approved: Bob Chapman, Chair, Health

Course Code: Title	BIOL1050: HUMAN ANATOMY AND PHYSIOLOGY					
Program Number: Name						
Department:	BSCN - NURSING					
Academic Year:	2023-2024					
Course Description:	This course describes human anatomy and physiology at the cellular, tissue, organ, and system levels of organization. Aspects of this course will concentrate on the clinical application of anatomy and physiology. The course is delivered each week as 3 hours of lecture, 3 hours of laboratory activity and is worth 4 credits.					
Total Credits:	4					
Hours/Week:	6					
Total Hours:	72					
Prerequisites:	There are no pre-requisites for this course.					
Corequisites:	There are no co-requisites for this course.					
This course is a pre-requisite for:	BIOL1150					
General Education Themes:	Science and Technology					
Course Evaluation:	Passing Grade: 65%, A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.					
Books and Required Resources:	1 white, knee-length lab coat, 1 dissection kit, 1 box of nitrile gloves Laboratory Manual for Anatomy & Physiology (LL) by Allen Publisher: John Wiley & Sons, Incorporated Edition: 7th ISBN: 9781119662556 Instructor will discuss other supports and direct to appropriate sources.					
Course Outcomes and Learning Objectives:	<table border="1"> <thead> <tr> <th>Course Outcome 1</th> <th>Learning Objectives for Course Outcome 1</th> </tr> </thead> <tbody> <tr> <td> 1. Utilize the terminology of anatomy and physiology. 2. Recognize the interrelationships between cells, tissues, organs and body systems. 3. Differentiate the basic </td> <td> 1. Be able to label, using the correct anatomical terminology, the parts of the human body, and describe their functions for </td> </tr> </tbody> </table>	Course Outcome 1	Learning Objectives for Course Outcome 1	1. Utilize the terminology of anatomy and physiology. 2. Recognize the interrelationships between cells, tissues, organs and body systems. 3. Differentiate the basic	1. Be able to label, using the correct anatomical terminology, the parts of the human body, and describe their functions for	
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	<p>chemical concepts and principles as they are related to the anatomy and physiology of the human body.</p> <p>4. Describe the location, structure and function of the organs of the following major organ/body systems of the human body: integumentary, skeletal/bone, skeletal muscles, and the nervous system.</p> <p>5. Recognize the major tissue types and locations for epithelial, connective, muscle and nervous tissues.</p> <p>6. Recognize the interrelationships of body organ systems.</p> <p>7. Recognize the connection between homeostasis of the body and health.</p> <p>8. Demonstrate recognition of the importance of knowing the anatomy and physiology of the healthy adult human body.</p>	<p>the following systems: integumentary, skeletal, muscle, central and autonomic nervous systems.</p> <p>2. Be able to explain how cells, tissues, organs and body systems contribute to homeostasis.</p> <p>3. Be able to explain how chemistry is essential to the functioning of cells, tissues, organs, and how chemical changes can either support or challenge homeostasis.</p> <p>4. Be able to discuss the importance of each of the following body/organ systems in the maintenance of homeostasis by detailing their structure and function(s): integumentary, skeletal, muscle, nervous.</p> <p>5. Be able to describe how particular tissues contribute to the structure and function of the following major organ/body systems: integumentary, skeletal, muscle, nervous.</p> <p>6. Be able to describe how the integumentary, skeletal, muscle and nervous systems contribute to homeostasis of the entire body as well as towards other organ systems. Detail the interdependence of organ systems with one another and explain how this helps to maintain homeostasis.</p> <p>7. Be able to explain how maintenance of homeostasis is essential to maintaining health, and how/why losses of homeostasis can alter the health status of a person.</p> <p>8. Be able to explain why a thorough understanding of a healthy adult human body is essential to being able to evaluate the health status of a client.</p>
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Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Final Exam	30%
Final Lab Exam	15%
Lab Quizzes	15%
Lab Technique	5%
Theory Test 1	15%
Theory Test 2	20%

Date: August 28, 2023

Addendum: Please refer to the course outline addendum on the Learning Management System for further information.