

Hagerstown Community College

Master Syllabus

COURSE: BIO116, ANATOMY AND PHYSIOLOGY FOR ALLIED HEALTH MAJORS (4 Credits)

DATE: SPRING 18

INSTRUCTOR(S): Dr. Vennece Fowlkes (Lead Instructor)

COURSE DESCRIPTION: This is a lecture/demonstration course for non-science majors. The course provides an understanding of life processes in the human body. It includes molecular and cellular components of life, homeostasis within the systems of a multicellular human, and the relationship of human systems to relevant and current discoveries in science today. This course may be offered as a traditional lecture or online format. Prerequisites: None

TEXTBOOK: Tortora, G.J. and Derrickson, B. *Introduction to the Human Body: The Essentials of Anatomy and Physiology*, 10th edition.

STUDENT LEARNING OUTCOMES:

Upon completion of Human Anatomy and Physiology for Allied Health, students will;

1. Be able to exhibit the ability to use core content of the Anatomy and Physiology curriculum, which covers all systems of the body.
2. Apply physiological and anatomical principles to the diseased state.
3. Demonstrate transfer of information from diagrams, models and non-human models to the human organism.
4. Demonstrate the ability to access, process, analyze and synthesize scientific information.
 - a. Relate a basic core of scientific principles to an open-ended framework.
 - b. Demonstrate observational and analytic skills in a structured situation.
 - c. Formulate conclusions based on observations and information.
 - d. Use technology to access scientific information, generate and analyze empirical data, and solve problems.

MINIMUM CLOCK HOURS REQUIRED FOR THIS COURSE

Component of Course	Hours In Class/Lab	Total Hours/Semester Outside of Class
<i>Lecture</i>	37.5 hours	
Reading		10 hours / semester
Quizzes		10 hours/semester
Units Exams		30 hours/semester
Cumulative exam		10 hours/semester
<i>Laboratory</i>	41.25 hours	
Unit laboratory assessment		30 hours/semester
Laboratory Final		10 hours/lab exam
Total		100 hours

Services for Students with Disabilities: Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at dss@hagerstowncc.edu or at 240-500-2530.