

Hagerstown Community College
MASTER SYLLABUS

Bio 204 (previously Bio 104) Human Anatomy and Physiology

BIO-204 Human Anatomy and Physiology II

This is a continuation of BIO 203. The course includes cardiovascular, lymphatic, respiratory, digestive, renal, immune, and reproductive systems, fluid and electrolyte balance, and metabolism. Laboratory fee required. 45 hours of lecture and 45 hours of lab. Prerequisite: BIO 203. Semesters offered: Fall, Spring, Summer. 4 Credits

INSTRUCTORS

T. Bidle, B. Murpy, M. Jozik, Vennece Fowkles, R. Beecroft, G. Mason

TEXTBOOK

Human Anatomy and Physiology, McKinley, O'Loughlin, and Bidle ISBN: 9780077927042

Human Anatomy and Physiology Lab Manual: Terri Bidle (available on Moodle)

Anatomy and Physiology Coloring Book (optional)

A Photographic Atlas for Anatomy and Physiology (Herbert, et. al) (optional)

STUDENT LEARNING OUTCOMES

1. Exhibit the ability to use core content in the Anatomy and Physiology curriculum (as evidence by a passing score on the comprehensive final exam common for all sections).
2. Apply physiological and anatomical principles of homeostasis to the disease state.
3. Demonstrate transfer of information from diagrams, models and non-human models to the human organisms.
4. General Education: 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	Hours/Item Outside of Class	Total Hours/Semester Outside of Class
<i>Lecture</i>	37.5 hours		
Quizzes		2 hours/lecture	60 hours/semester
Units Exams		12.5 hours/exam	50 hours/semester
Cumulative exam		7.5 hours/exam	7.5 hours/semester
<i>Laboratory</i>	41.25 hours		
Unit laboratory assessment		2.5 hour/lab	30 hours/semester
Laboratory Final		10 hours/lab exam	10 hours/lab exam
Total	78.75 hours		157.5 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.