

**Common Course Outline**  
**ALHL 109**  
**Learning Tools for Anatomy & Physiology**  
**1 Credit(s)**

**Community College of Baltimore County**

**Description**

**ALHL 109 – Learning Tools for Anatomy & Physiology** provides students pursuing health care related fields with various tools and study techniques for learning all body systems. Students learn strategies in comprehension and memorization of the structures and functions of each body system. This course includes hands-on in-class activities, labs, and other recitation support for students pursuing allied health career pathways.

**1 Credit(s):** *2 laboratory hours per week*

**Prerequisites:** ACLT 052 or ACLT 053, or (ESOL 052 and ESOL 054) and MATH 082

**Overall Course Objectives**

Upon completion of this course, students will be able to:

1. identify the major human body systems and their organs;
2. summarize the meaning of homeostasis and define the roles that all body systems play in maintaining it;
3. integrate knowledge of all functioning systems of the body in order to relate how the body functions as a whole;
4. express how the anatomy and physiology of the human body is similar in all racial and cultural groups;
5. determine the impact that physiological and anatomical changes will have on the human body; and
6. create useful study methods and reference materials for supporting foundational knowledge of anatomy and physiology as applied to their intended allied health discipline.

**Major Topics**

- I. Introduction to Anatomy & Physiology Concepts
  - A. Tissues and Organs
  - B. System Organization
- II. Integumentary and Skeletal Systems
- III. Muscular System
- IV. Nervous System

- A. Central Nervous System
- B. Peripheral Nervous System
- C. Special Senses
- V. Endocrine System
- VI. Circulatory System
- VII. Lymphatic System
- VIII. Respiratory System
- IX. Digestive and Urinary Systems
- X. Reproductive Systems
- XI. Applications of Anatomy & Physiology in Allied Health Professions

### **Course Requirements**

Grading procedures will be determined by the individual faculty member but will include the following:

### **Grading/exams**

- A minimum of 9 knowledge drills/quizzes
- A minimum of 4 homework assignments or other formative assessments
- Final research project/presentation

Written Assignments: Students are required to use appropriate academic resources.

### **Other Course Information**

This course is primarily for students preparing to apply for programs within the School of Health Professions (SHP). Check with the individual SHP program to determine if this course is a required course or optional. Students may be advised to take the course for additional academic support in this content area. This course may be offered in a 12-week session during the Fall and/or Spring semesters and/or in a 10-week session during the Summer session; see registration schedule.

Date Revised: 09/20/2018