**BARTON COMMUNITY COLLEGE**

**COURSE SYLLABUS**

# **GENERAL COURSE INFORMATION**

Course Number: LIFE 1408

Course Title: Anatomy and Physiology

Credit Hours: 5

Prerequisite: None

Division/Discipline: Academics Division / Biology

Course Description: The aim of this course is to provide the student with a working knowledge of the structure and function of the human body. Emphasis is on the study of function in the body and a basic knowledge of gross anatomy. Laboratory work will include a study of the major body systems.

1. **INSTRUCTOR INFORMATION**
2. **COLLEGE POLICIES**

Students and faculty of Barton Community College constitute a special community engaged in the process of education. The College assumes that its students and faculty will demonstrate a code of personal honor that is based upon courtesy, integrity, common sense, and respect for others both within and outside the classroom.

The College reserves the right to suspend a student for conduct that is detrimental to the College's educational endeavors as outlined in the College catalog.

Plagiarism on any academic endeavors at Barton Community College will not be tolerated. Learn the rules of, and avoid instances of, intentional or unintentional plagiarism.

Anyone seeking an accommodation under provisions of the Americans with Disabilities Act should notify Student Support Services via email at [disabilityservices@bartonccc.edu](mailto:disabilityservices@bartonccc.edu)

# **COURSE AS VIEWED IN THE TOTAL CURRICULUM**

The aim of this course is to provide the student with a working knowledge of the structure and function of the human body. Emphasis is on the study of function in the body and a basic knowledge of gross anatomy. Laboratory work will include a study of the major body systems.. Anatomy and Physiology also qualifies as a depth laboratory science course for general education credit in the natural/physical sciences at BCC.

This course transfers well and may be used to help fulfill credit and course requirements for general education at some of the Kansas Regents’ institutions. However, general education requirements vary among institutions, and perhaps even among departments, colleges, or programs within an institution. Also, these requirements may change from time to time and without notification. Therefore, it shall be the student’s responsibility to obtain relevant information from intended transfer institutions during his (her) tenure at Barton Community College to insure that he (she) enrolls in the most appropriate set of courses for the transfer program.

# **ASSESSMENT OF STUDENT LEARNING**

Barton Community College assesses student learning at several levels:  institutional, program, degree and classroom.  The goal of these assessment activities is to improve student learning.  As a student in this course, you will participate in various assessment activities.  Results of these activities will be used to improve the content and delivery of Barton’s instructional program.

## Course Outcomes, Competencies and Supplemental Competencies:

1. Explore the general concepts of physiology process and factors associated with anatomy
   1. Demonstrate an understand the normal structure and function of the human body
   2. Explain the integration of the various organ systems.
   3. Indicate knowledge of technical terms and biological/medical terminology.
   4. Distinguish and generalize the ways in which physical trauma and disease affect

the body.

1. Identify and describe the structure and function
   1. Identify cellular structures and explain their respective functions.
   2. Describe the basic tissues of the body and their location and explain their functions.
   3. Identify and describe the structure and function of the integumentary system.
   4. Identify and describe the structure and function of the skeletal system.
   5. Identify and describe the structure and function of muscular system.
   6. Identity and describe the structure and function nervous system.
   7. Identify and describe the structure and function of the special senses.
   8. Identify and describe the structure and function of the endocrine system.
   9. Identify and describe the structure and function of the cardiovascular system.
   10. Identify and describe the structure and function of the respiratory system.
   11. Identify and describe the structure and function of the urinary system.
   12. Identify and describe the physiology of the homeostatic systems that control fluid/electrolyte and acid/base balance.
   13. Identify and describe the structure and function of the digestive system.
   14. Identify and describe the physiology of the homeostatic systems that control metabolism.
   15. Identify and describe the structure and function of the lymphatic system.
   16. Identify and describe the structure and function of the reproductive system.

# **INSTRUCTOR'S EXPECTATIONS OF STUDENTS IN CLASS**

# **TEXTBOOKS AND OTHER REQUIRED MATERIALS**

# **REFERENCES**

# **METHODS OF INSTRUCTION AND EVALUATION**

1. **ATTENDANCE REQUIREMENTS**

# **COURSE OUTLINE**