



# NORTHWEST FLORIDA STATE COLLEGE

## Course Syllabus

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**Course Name: Anatomy & Physiology I**

**Course Number: BSC1085C**

**Section: 10111**

**Credit Hours: 4**

**Instructor Name: Dr. Patrick McArthur**

**Instructor Office Location: 350/212 Niceville Campus**

**Instructor Email: mcarthup@nwfsc.edu**

### Course Curriculum

This course is the first part of a two-semester sequence in which students examine human anatomy and physiology through a systems approach based on the interaction between form and function, from the microscopic components of cells and tissues to the organismal level. Emphasis is placed on histology and the integumentary, skeletal, muscular, and nervous systems.

### Goals

The student will develop a comprehensive understanding of the structure and functions of the human body from the cellular level through the organ system level for the integumentary, muscular, skeletal, and nervous systems.

### Objectives

*Student Learning Outcomes:*

- *Students will identify cell structures and describe their functions.*
- *Students will distinguish tissues by structure, location in the body, and contrast their normal physiology.*
- *Students will demonstrate an understanding of anatomical structure, organization of the body, cavities, planes, and directional terms.*
- *Students will identify and describe structures of integumentary, skeletal, muscular, and nervous systems.*
- *Students will interpret the functions of the integumentary, skeletal, muscular, and nervous systems.*
- *Students will explain how the components of the human body maintain homeostasis.*
- *Students will analyze and interpret physiological data*

### Student Expectations of the Course

Clear instructor expectations of course.

- Knowledgeable instructor.
- Instructor availability outside of class.
- Be challenged.
- Be proficient in course content.

## **How Student Performance Will be Measured**

Class participation may include discussions and groupwork.

- Assignments may include practices and exercises, homework and/or lab assignments.
- Assessments (formative/summative) may include projects, presentations, reports, essays, quizzes, tests, and/or exams.