



SOUTH FLORIDA STATE COLLEGE
Division of Arts and Sciences
COURSE SYLLABUS

Spring Term 2023

BSC 1085C-1 and BSC 1085L-2 (Lab) – Human Anatomy and Physiology I – (4 credits)

Welcome to Anatomy and Physiology I – Whether you are considering a career in science, health care or just want to learn more about body structures, you will come away from this class with an understanding of how the human body and its organ systems work. Please read over the syllabus and contact me with any questions you may have. Let’s all work together to make it a great semester!

Catalog Description: This course is a study of the structure and function of the human body and includes basic chemistry, cell physiology, tissues, and the following systems: integumentary, skeletal, muscular, and nervous.

Course Specific Outcomes: Upon successful completion of this course, students will be able to:

1. Recognize the basic physiological principles of each major organ system
2. Explain the core principles and terminology involved in anatomy and physiology, including:
 - Demonstrate effective use of anatomical terminology
 - Principles of homeostasis
 - The chemical, cellular, and tissue levels of organization.
3. Identify and describe the basic anatomical structures and physiology associated with the following organ systems:
 - Integumentary system
 - Skeletal system
 - Muscular system
 - Nervous system
4. Develop study skills and habits necessary for pre-professional students interested in health-related fields

Prerequisites: None

Required Course Materials:

Text: Bettes, et al. *Anatomy and Physiology*. Houston, TX. OpenStax, 2017. ISBN: 978-1-938168-13-0
Printed Lab Manual and Lecture Notes – Available at the bookstore or print from “Content” in D2L

Instructional Methods: Classes will involve lectures, group activities, and laboratory application and practice of skills and theory. There may also be additional homework or online requirements throughout the course of the semester. Brightspace will be used to post relevant course content and for the submission of specific announced assignment(s) and other coursework throughout the semester. As the semester progresses, please keep in mind that any additional material(s) provided for students are not meant to substitute for reading the text book material; they are merely a supplement to the course content. In order to enhance the ability to integrate the material and achieve a successful course outcome, active participation is expected from each student.

Course Requirements: Assessments (Exams/Quizzes/Assignments):

Exams: Five (5) lecture exams, 3 lab exams, and a final exam (Exam 6) will be given. The last lecture exam CANNOT be dropped. Each lecture exam will cover 2-3 chapters. Each lab exam will cover 3-4 labs. The lowest exam score will be dropped. The first exam missed due to absence will count as the lowest exam. It is the responsibility of the student to contact the instructor regarding makeup exams. Any student caught cheating will receive a 0 for that exam.

Homework/Laboratory Assignments: Online or laboratory exercise assignments covering lecture and/or lab material will be administered throughout the course in Brightspace as Quizzes/Homework.

Laboratory: Concepts and principles of Anatomy and Physiology will be demonstrated in the laboratory. It may include experimentation, laboratory assignments, dissection, work with anatomy models, and online homework assignments to illustrate concepts. Students may be required to do laboratory exercises and/or prepare lab reports depending upon the nature of the lab. This will be assigned for each lab. Everyone is responsible for cleaning his or her lab bench after lab.

Grading

Grading Evaluation/Criteria

Grading percentages for different assignments or exams may vary somewhat for each faculty teaching the course.

Grade Categories	Description of the Requirements	Weight toward final grade
Laboratory and online work (online chapter homework)	Assigned laboratory activities and online chapter homework/quizzes.	25%
Exams	5 lecture exams + 3 lab exams. Lowest exam score will be dropped.	65%
Final Exam (Exam 6)		10%

Grading Scale:

- 89.5-100% A
- 79.5-89.4% B
- 69.5-79.4% C
- 59.5-69.4% D
- 0-59.4% F