



# PENSACOLA STATE COLLEGE

## SYLLABUS

### Human Anatomy and Physiology I

BSC2085-D9172

Summer 2026, Session A

**Instructor:** Dr. Thomas Weaver

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**Department Head:** Dr. Vasanth Ramachandran

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**Last Date of Drop/Add:** May 14, 2026

**Last Date for Student to Withdraw:** July 13, 2026

**Final Exam Date:** TBD

**Class Meeting Time:** Online (asynchronous)

**Class Location:** Canvas

**Prerequisites:** Placement at the college level in reading and writing.

**Corequisites:** BSC 2085L

**Course Description:** 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.

**Credit Hours:** 3 credit hours

**Semesters Offered:** Fall, Spring Summer

**Course Designations:** **College Transfer.** Meets AA General Education Core, Natural Sciences(Biological Sciences) requirement.

**General Education Core Course Standard:** Per Florida Statute 1007.25, "Natural science courses must afford students the ability to critically examine and evaluate the principles of the scientific method, model construction, and use the scientific method to explain natural experiences and phenomena."

**Required Textbooks and Instructional Materials:** Anatomy & Physiology An Integrative Approach (Loose-Leaf Text + Connect Access Code), McKinley, 9781265453466, 4<sup>th</sup> edition, 2022; or Anatomy & Physiology An Integrative Approach (Connect Access Card) Custom, McKinley, 9781266594779, McGraw Hill, 4<sup>th</sup> edition, 2022

The educational materials used in this course, including textbooks and ancillary materials, are intended for educational purposes only. All opinions represent those of the author(s) and not necessarily those of Pensacola State College, or the instructor.

**Course Learning Outcomes:**

1. Demonstrate an understanding of metabolic processes in the human body at the cellular level.
2. Explain concepts concerning the organization of the human body.
3. Understand physiological homeostasis as it relates to health and disease.
4. Describe the basic tissues of the body and their location and explain their functions.
5. Demonstrate an understanding of human genetics and genetically transmitted diseases.
6. Explain the normal structure, function, and major pathological conditions of the integumentary, skeletal, muscular, and nervous systems.
7. Describe the structures that comprise the special sensory organs and explain their normal functioning and major pathologic conditions.

**General Education Student Learning Outcomes:**

1. **Critical Thinking:** The student analyzes, evaluates, and, if necessary, challenges the validity of ideas, principles, or data in order to develop informed opinions, probable predictions, or defensible conclusions.
2. **Scientific and Mathematical Literacy:** The student properly identifies and applies scientific or mathematical principles and methods.
3. **Information Literacy:** The student effectively locates, evaluates, and applies information from a variety of sources.

**Methods of Evaluation:** At minimum, the instructor will cover content which aligns with statewide and institutional learning outcomes for the course. The instructor will measure student performance using the following:

<b>Grade Calculation:</b>		<b>Grading Scale:</b>	
<b>EXAMS:</b>	<b>80%</b>	90-100%	A
Exam 1	100 Points	88-89%	B+
Exam 2	100 Points	80-87%	B
Exam 3	100 Points	78-79%	C+
Exam 4	100 Points	70-77%	C
Final	100 Points	68-69%	D+
		60-67%	D
<b>QUIZZES and HOMEWORK</b>	<b>20% (10% each)</b>	59% and below	F
Quizzes			
Miscellaneous Assignments			
<b>TOTAL:</b>	<b>100%</b>		

**Instructor Requirements:**

**Required Reading:**

*Anatomy and Physiology: An Integrative Approach*

- Chapter 1: The Sciences of Anatomy and Physiology
- Chapter 2: Atoms, Ions, and Molecules
- Chapter 3: Energy, Chemical Reactions, and Cellular Respiration
- Chapter 4: Biology of the Cell
- Chapter 5: Tissue Organization
- Chapter 6: Integumentary System
- Chapter 7: Skeletal System: Bone Structure and Function
- Chapter 8: Skeletal System: Axial and Appendicular Skeleton
- Chapter 9: Skeletal System: Articulations
- Chapter 10: Muscle Tissue
- Chapter 11: Muscular System: Axial and Appendicular Muscles
- Chapter 12: Nervous System: Nervous Tissue
- Chapter 13: Nervous System: Brain and Cranial Nerves
- Chapter 14: Nervous System: Spinal Cord and Spinal Nerves
- Chapter 15: Nervous System: Autonomic Nervous System
- Chapter 16: Nervous System: Senses

**Student Expectations:** Students enrolled in this course can expect the following:

1. Clearly identified course objectives;
2. Productive class meetings;
3. A positive learning environment;
4. Opportunities for appropriate student participation;
5. Effective instruction;
6. Positive and appropriate interactions;
7. Assistance with meeting course objectives during and beyond class hours;
8. Evaluation of student performance and appropriate and timely feedback; and
9. Clear and well-organized instruction.

**Academic Dishonesty Statement:** Pensacola State College is committed to upholding the highest standards of academic conduct. All forms of academic dishonesty, to include plagiarism and cheating, are prohibited. Penalties for academic dishonesty include but are not limited to one or more of the following: the awarding of no credit on the assignment, a reduction in the course grade, or the assignment of a final course grade of F and removal from the course. See the College Catalog for more details: [Academic Integrity](#)

**ADA Statement:** Students with a disability that falls under the Americans with Disability Act Amendments Act of 2008 or Section 504 of the Rehabilitation Act should contact the Student Resource Center for ADA Services to discuss academic accommodations. Appropriate academic accommodations are determined on an individual basis with careful consideration of the course learning outcomes and the documentation of the disability. For more information, students should visit the Student Resource Center for ADA Services on the Pensacola campus in building 6, room 603; call 850-484-1637; email [ADAservices@pensacolastate.edu](mailto:ADAservices@pensacolastate.edu); or complete the online intake form in the ADA Services app within the MyPSC apps dashboard.

**Emergency Statement:** In the case of severe weather or other emergency, the College administration maintains communication with appropriate state and local agencies and makes a determination regarding the cancellation of classes. Notices of cancellation will be made through the College's PSC Alert system and on the College's website.

**Flexibility Statement:** It is the intention of the instructor to accomplish the objectives specified in the course syllabus. However, circumstances may arise which prohibit the fulfilling of this endeavor. Therefore, this syllabus is subject to change. When possible, students will be notified of any change in advance of its occurrence.

**Non-Discrimination Statement:** Pensacola State College does not discriminate against any person on the basis of race, color, national origin, sex, disability, age, ethnicity, religion, marital status, pregnancy, sexual orientation, gender identity or genetic information in its programs, activities, and employment. For inquiries regarding the College's nondiscrimination policies, contact the Executive Director of Equal Opportunity Compliance, 1000 College Blvd., Building 5, Pensacola, Florida 32504, 850.484.1759.

**Security Statement:** Pensacola State College is committed to encouraging all members of the College community to be proactive in personal safety measures. In case of emergency, students should ensure that they are aware of the building exit closest to each of their classrooms, as well as all alternative building exits in case circumstances require using a different route.

**Student Email Accounts:** Pensacola State College provides an institutional email account to all students enrolled in courses for credit. PirateMail is the official method of communication, and students must use PirateMail when communicating with the College. In cases where companion software is used for a particular class, email may be exchanged between instructor and student using the companion software