PENSACOLA STATE COLLEGE

SYLLABUS
Human Anatomy and Physiology I
BSC2085-P1040
Summer 2026, Session A

Instructor: Dr. Tyler Scheeler
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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: Monday, Wednesday| 9:45 AM – 11:20 AM
Class Location: Pensacola Campus, Building 17, Room 1707

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, 4th edition, 2022; or Anatomy & Physiology An Integrative Approach (Connect Access Card) Custom, McKinley, 9781266594779, McGraw Hill, 4th 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:

Grading Scale:	
90% - 100%	A
87% - 89%	B+
80% - 86%	B
77% - 79%	C+
70% - 76%	C
67% - 69%	D+
60% - 66%	D
0% - 59%	F

Grading Calculation	
Unit exams – 4 Final cumulative exam – 1*	80 %
All non-exam items (quizzes, homework, miscellaneous)**	20 %
Total	100%

*****The lowest exam score will be replaced by the final exam score (if higher). This does NOT include exams that earn a zero due to violations of the academic policy. Any exam penalized for academic policy violations will not be dropped or replaced. In those cases, the zero will remain in the final grade calculation.

**Lowest 2 scores will be dropped.

Evaluations of student progress towards achieving the stated learning outcomes and performance objectives is the responsibility of the instructor, within the policies of the college and the department. Detailed explanations are included in the course supplementals developed by the instructor for each section being taught.

Quiz Policy: May or may not be administered during the course, at the discretion of the instructor.

Homework Policy: There will be one Smart Book homework assignment per chapter. Homework assignments are not proctored. Smart Book assignments will require the purchase of a McGraw Hill connect access code (if you purchased a new textbook with an access code that will work too). Grades for Smart Book assignments are based on completion.

Exam Policy: There are four unit exams and one cumulative final exam. All exams are taken in person and in class. Each unit exam is 50 questions and administered over the course of one class period (75 minutes). The cumulative final exam is administered per the PSC final exam schedule over a two-hour time frame. The final exam score (if higher) will replace your lowest unit exam score.

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; 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