BIO 168: Anatomy & Physiology I

Approximate Cost

$498.00 *(in-state tuition w/ fees and eText)*

$1,266.00 *(out-of-state tuition w/ fees and eText)*

Credit Hours

4 credit hours

Course Description

This course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body organization, homeostasis, cytology, histology, and the integumentary, skeletal, muscular, and nervous systems and special senses. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. *This course has been approved for transfer under the CAA/ICAA as a pre-major and/or elective course requirement.*

Prerequisite(s)

Unweighted high school GPA ≥ 2.8, *or* DRE 098, *or* BSP 4002-T2, *or* ENG 002-T2, *or* ENG 025, *or* ENG 110, ***and*** *one of the following:* High School Chemistry with a "C" or better, *or* BIO 094, *or* BIO 110, *or* BIO 111, *or* BIO 163, *or* CHM 090, *or* CHM 130, *or* CHM 151

Required Textbook/Materials

Mastering A&P with Pearson eText (cost included in tuition)

Instructor Contact Information

Christina Burchette
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Lamm (Building 027) 210
(252) 527-6223, ext. 982

Class Registration and Payment Processes

1. Complete and submit an application to Lenoir Community College by **November 16, 2026.**
    - ***Please Note:*** *Applications take up to 2 business days to process.*
2. Select the following when completing the application:
    - **Term:** 2026FA
    - **Major:** Special Credit/Visiting Student
3. If the course you are requesting has a prerequisite, you must submit a transcript with your application showing that you have successfully completed the required prerequisite.
    - An unofficial transcript is acceptable, but it must clearly include your name, the name of the institution, the prerequisite course, and the grade earned.
    - If you are currently enrolled in the required prerequisite course but will not complete it before the holiday term begins, you are not eligible to register for the requested course during the holiday term.
4. Once your application has been processed, contact Dr. Alex Ranieri, Director of Advising and Academic Success at apranieri16@lenoircc.edu. Include the following information in your email:
    - Your full name and student ID
    - Community College course(s) for which you would like to register
5. Payment is due by **November 18, 2026.**
    - Pay online through your MyLCC portal or by calling the Cashier's Office at 252-527-6223, ext. 324.
    - ***Please note:*** *Special Credit/Visiting students are* ***not eligible*** *for financial aid.*

Attendance Requirements

Attendance/participation in Online Learning (OL) courses directly affects students' success in a course. LCC uses the Learning Management System (LMS), Moodle, to deliver OL courses. Students taking Internet courses must submit the Enrollment Quiz in each Internet course in Moodle by the 10% date to establish an initial enrollment date and to be fully enrolled in the course. Students who do not submit the Enrollment Quiz by the 10 % date will be marked as "Never Attend" and dropped from the course. The 10% point of a 5-week course is **Day 2** ***(by 11:59 PM)***. There are **no exceptions** to this policy, and **no refunds** for students who are marked "Never Attend" and dropped from the course. Students should plan to have full access to a device (other than a cell phone) for completing assignments and reliable Internet for the entire

5 weeks of the course. Failure to complete and submit assignments in Moodle every week will result in an automatic Withdrawal from the course, for which there are **no refunds**.

Courses will be available in Moodle by 8:00 AM on the first day of class (November 30, 2026).

Course Grades

- Chapter Exams 30%
- Practicals 20%
- Mastering/Classwork 15%
- Labs/Quizzes 25%
- Final Exam 10%

Course Schedule

BIO 168 HINE (Anatomy and Physiology I) Holiday 2026 Schedule	
This schedule is tentative and subject to change. Updated 9/17/2026	
All assignments are on Mastering unless otherwise stated. Those highlighted are exams and practicals.	Due (11:59pm)
Enrollment Quiz (Moodle)	12/1
Student/Teacher Agreement (Moodle)	
Safety Contract (Moodle)	
Meet Your Classmates (Moodle)	
Proctor U Test (Moodle)	
Research Paper Topic Due (Moodle)	
Introduction to Mastering Anatomy and Physiology	12/2
Interactive Reading 1: The Human Body: An Orientation	
Lab 1 Overview	
That's Interesting! (Moodle)	
Interactive Reading 2: Chemistry Comes Alive	12/3
Quiz Chapter 1-2	
Acids and Bases	
Macromolecules	
Virtual Dissection	
That's Interesting! (Moodle)	
Interactive Reading 3: Cells: The Living Units	12/4
Cells Lab	
Diffusion and Osmosis	
Mitosis	
That's Interesting! (Moodle)	
Interactive Reading 4: Tissue: The Living Fabric	12/7
Lab 4 Organelles	
That's Interesting! (Moodle)	

At Home Tissue Dissection (Moodle)	
Ch 1-4 Test	12/8
Practical 1	
Interactive Reading 5: The Integumentary System	12/9
Lab 5 Cell Transport	
That's Interesting! (Moodle)	
Integumentary At Home Lab (Moodle)	
Interactive Reading 6: Bones and Skeletal Tissues	12/10
Quiz Ch 5 and 6	
That's Interesting! (Moodle)	
Interactive Reading 7: The Skeleton	12/11
Lab 7 Skeletal System	
That's Interesting!	
Bones Video (Moodle)	
PAL Skeleton Quiz	
Interactive Reading 8: Joints	12/14
Lab 8 Joints	
Chapter 7-8 Quiz	
That's Interesting! (Moodle)	
168 Ch 5-8 Test	12/15
Integumentary/Skeletal Practical	12/16
Interactive Reading 9: Muscles and Muscle Tissue	12/17
Skeletal Muscle Contraction	
Lab 9 Muscles	12/18
That's Interesting! (Moodle)	
Interactive Reading 10: The Muscular System	12/21
Lab 10	
PAL Muscle Quiz	
Ch 9-10 Quiz	
Ch 9-10 Quiz Adaptive Follow-Up	
That's Interesting! (Moodle)	
Muscle Video (Moodle)	
Interactive Reading 11: Fundamentals of the Nervous System and Nervous Tissue	12/22
Lab 11	
Project Due	
Implicit Biases in Medicine (Moodle)	
That's Interesting! (Moodle)	
Interactive Reading 12: The Central Nervous System	12/23
Lab 12	
Lab Quiz: PAL CNS	
Ch 11-12 Quiz	
That's Interesting! (Moodle)	
Brain Dissection (Moodle)	
168 Ch 9-12 Exam	12/24
Muscle/Joints Practical	

Interactive Reading 13: The Peripheral Nervous System and Reflex Activity	12/25
That's Interesting! (Moodle)	
Interactive Reading 14: The Autonomic Nervous System	12/28
Labs 13 and 14	
Ch 13-14 Quiz	
That's Interesting! (Moodle)	
Virtual Eye Dissection	
Interactive Reading 15: The Special Senses	12/29
Lab 15	
That's Interesting! (Moodle)	
At Home Senses Lab (Moodle)	
Ch 13-15 Test	
Last Practical (Nervous, Special Senses)	12/30
Final Exam & SLOs	