

Northern Essex Community College

Anatomy and Physiology I

SCHEDULE - Spring 2025 - Bio 121 B3A

Lecture: Presented in Hybrid in-class/online

Lab: Presented in Hybrid in class/online

Below is a tentative but probable schedule of topics and dates. The schedule may be modified due to unforeseen circumstances.

NOTE: the lowest exam grade may be dropped with the exception of the last three exams:

- Bone Practical
- Neurology
- Central Nervous System

→ **Exam Administration** - exams administered on **BLACKBOARD** will open at 8 am and must be completed by 11:59 pm. Please plan accordingly.

→ **Unexpected College Closures or Interruptions** - Should there be an unforeseen college closure on a day when an exam is scheduled to be administered in class, The exam will be automatically administered on BLACKBOARD.

January 22 (**Wed**) → Start Module - Organization of the Human Body

January 23 (**Thurs**) ❄ *In class* – Homeostasis, Org. of the Human Body

January 29 (**Wed**) Exam - Organization of the Human Body (**Blackboard**)
→ Start Module - Chemistry of Life

January 30 (**Thurs**) ❄ *In class* – Buffer Systems and Emulsification

February 5 (**Wed**) Exam – Chemistry of Life, Part #1 (**Blackboard**)

February 6 (**Thurs**) → Continue the Chemistry of Life
❄ *In class* – How to use a Microscope
❄ *In class* – Topic(s) in Chemistry

February 7 (**Fri**) Exam – Chemistry of Life, Part #2 (**Blackboard**)
→ Start Module – Cytology

February 12 (Wed)	Exam - Cytology (Blackboard) → Start Module – Histology * <i>In class</i> – Histological Examination of Tissues in Lab
February 13 (Thurs)	→ Continue Histology
February 20 (Thurs)	→ Continue Histology * <i>In class</i> – Histological Examination of Tissues in Lab
February 21 (Fri)	Exam - Histology (Blackboard) → Start Module - The Integumentary System
February 26 (Wed)	Exam – The Integumentary System (Blackboard)
February 27 (Thurs)	→ Continue Histology * <i>In class</i> – Histological Examination of Tissues in Lab
March 6 (Thurs)	→ Start Module - Axial Skeletal System * <i>In class</i> - continue mastery of the Skeletal System
March 8 (Sat)	Lab Practical #1 – The Histology Practical (Blackboard)
March 13 (Thurs)	→ Start Module - Appendicular Skeletal System
March 17-22	Spring Break Begins * <i>In class</i> - continue mastery of the Skeletal System in preparation for the Bone Laboratory Practical
March 18 (Tues)	→ Start Module – Articulations
March 21 (Fri)	Exam – Articulations (Blackboard) * Continue mastery of the Skeletal System in preparation for the Bone Laboratory Practical

March 27 (**Thurs**) → Start Module - Glycolysis & Cellular Respiration
 ❄️ *In class* – metabolic pathways discussion

April 3 (**Thurs**) ❁ *In class* – Continue Glycolysis & Cellular Respiration
 ➡ Start Module – Myology

April 10 (**Thurs**)

- * Review for bone Lab Practical, continued
- * Muscle energetics

April 17 (Thurs) Lab Practical #2 – The Bone Practical (**In Class**)
 ❁ Continue Nervous Tissue

April 27 (Sat) Exam – Nervous Tissue (Blackboard)

May 10 **(FRIDAY)** Exam – Spinal Cord, Brain, and Autonomic Nervous System
(Blackboard)