

Northern Essex Community College

Anatomy and Physiology I

SCHEDULE - Fall 2024 - Bio 121 L2A

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 three exams:

- Myology
- Neurology
- Central Nervous System

→ **Exam Administration** - exams administered on **BLACKBOARD** will open at 7 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.

September 4 **(Wed)** → Start Module - Organization of the Human Body
* In class – Homeostasis, Organization of the Human Body

September 10 **(Tues)** Exam #1 - Organization of the Human Body **(Blackboard)**

September 11 **(Wed)** → Start Module - Body Chemistry of Life, Part A
* In class – Buffer Systems

September 17 **(Tues)** Exam #2a – Chemistry of Life, Part #1 **(Blackboard)**

September 18 **(Wed)** → Continue Module - Body Chemistry of Life, Part B
* In class – Emulsification

September 20 **(FRI)** Exam #2b – Chemistry of Life, Part #2 **(Blackboard)**
→ Start Module – Cytology

September 24 **(Tues)** Exam #3 - Cytology **(Blackboard)**

September 25 **(Wed)** → Start Module – Histology

- October 1 (**Tues**) Exam #4 - Histology (**Blackboard**)
 → Start Module - The Integumentary System
- October 2 (**Wed**) * *In class* – How to use a Microscope
 * *In class* – Histological Examination of Tissues in Lab
- October 8 (**Tues**) Exam #5 – The Integumentary System (**Blackboard**)
 → Start Module – Osseous Tissue
- October 9 (**Wed**) * *In class* – Histological Examination of Tissues in Lab
- October 17 (**Thurs**) Exam #8 – Osseous Tissue (**Blackboard**)
- October 16 (**Wed**) * *In class* – Histological Examination of Tissues in Lab
- October 23 (**Wed**) * *In class* – Continue Histological Examination of Tissues
- October 30 (**Wed**) Lab Practical #1 – The Histology Practical **In Class**
 → Start Module – Axial Skeletal System
 * *In class* - Axial Skeletal System
 → Start Module – Articulations
- November 5 (**Tues**) Exam #7 – Articulations (**Blackboard**)
- November 6 (**Wed**) → Continue Module - Axial Skeletal System
 → Start Module - Appendicular Skeletal System
- November 13 (**Wed**) → Continue Module - Appendicular Skeletal System
 * *In class* - continue mastery of the Skeletal System
- November 20 (**Wed**) → Start Module - Glycolysis & Cellular Respiration
 * *In class* – metabolic pathways discussion
- November 27 (**Wed**) Exam #9 – Glycolysis and Cellular Respiration (**Blackboard**)

**** *There are no classes after 5 pm, therefore, there is no in-class meeting.***

→ Start Module – Myology

December 3 **(Tues)** Exam #10 – Myology **(Blackboard)**
→ Start Module - Nervous Tissue

The exams below cannot be dropped. Please approach your remaining studies with this in mind

December 4 **(Wed)** Lab Practical #2 – The Bone Practical **(In Class)**
* In Class – Brain Dissection
(Bring Goggles and Gloves to Class)

December 9 **(Mon)** Exam #10 – Nervous Tissue **(Blackboard)**
→ Start Module – Central Nervous System
(Spinal Cord, Brain, & Autonomic Nerv. Sys.)

December 17 **(Tues)** Exam #11 – Spinal Cord, Brain, and Autonomic Nervous System
(Blackboard)