

# PHYL 141L : Human Anatomy and Physiology I Lab

**Credits:** 1

**Class Hours:** 3 lab

**Prerequisites:** "C" or higher in ENG 100. "C" or higher in both CHEM 151 and CHEM 151L or CHEM 161 and CHEM 161L.

**Corequisite Courses:**

PHYL 141

**Comments:** Computer/internet access required.

**Description:** This course is intended to complement the material presented in the PHYL 141 lectures by giving hands-on experience with anatomical models, organ and whole-animal dissections, physiological and biochemical experiments, and microscopic slides dealing with the following systems: integumentary, skeletal, muscular, and nervous.

**Semester Offered:** Fall, Spring

**Designation:**

Diversification: Lab (Science) – DY

**Course Student Learning Outcomes (CSLOs):**

1. Follow CD instructions to perform experiments, collect data, and interpret the data.
2. Follow instructions to perform experiments, collect data and analyze data.
3. Work effectively individually and in groups to problem solve.
4. Identify tissue types and/or structures from prepared slides and demonstrate proper use of the microscope.
5. Explain/discuss the physiology of the data collected in the experiments.
6. Describe and identify the planes, cavities, and gross anatomy of the human body using the correct terminology.
7. Identify specific anatomical parts of the systems covered using the correct terminology.