

BIOL 2404 Anatomy and Physiology Lab Syllabus Fall 2019

Lab Instructor: Stephen Shipp
Office: WSB 217
Phone: 325-721-5497
Office Hours: W 3:00-5:00
TR 3:00-5:00

Email: sshi5282@sulross.edu
Lab Room: WSB 109
Lab Times: **Section 1** – T 1:00-2:50 pm
Section 2 – W 7:00-8:50 pm

Lab Manuel: None required, but students are responsible for taking notes.

Course Description: The purpose of this course is to introduce students to the importance of the human body and its various organ systems. This lab course will cover basic internal life processes, as well as emphasizing the skeletal, muscular, nervous, and endocrine systems. We will focus on hands-on learning, combining laboratory and microscopic techniques with classical dissection.

Grading:

There are a total of **180 points** possible, which will count for 25% of your overall grade for the course. Your grade will be determined by your performance on:

2 lab practicals (100 total points)
Lab Practical 1 (Labs 1 through 4) 40 points
Lab Practical 2 (Labs 5 through 12) (60 points)
8 Quizzes (80 total points)

Each quiz will cover material presented in the previous lab(s). Quizzes will focus on the identification of structures and understanding of conceptual material.

Suggestion:

As per SRSU policy, students shall be dropped from the class with an F if they miss 20% (3 labs) over the course of the semester. If you are unable to attend lecture, please notify me by either e-mail, phone, or in person so that you will not be unnecessarily dropped from the course. Also, this course will involve dissection in the latter half of the term. As such, please dress accordingly and avoid unnecessary problems (dangling hair, contact lens, formal wear, etc.).

Lecture courtesy: The general rules of classroom etiquette are below.

- 1) Please do not talk to others in class while the instructor is lecturing. If you have a question, ask the instructor.
- 2) No food or drink during lab (Water is okay, except during dissection; it could get messy.)
- 3) If you are going to attend class, please do so. Leaving and returning to class repeatedly is disruptive, as well as showing up after half the period is over or leaving before lab is over.
- 4) Please put away and turn cell phones to silent while in class. They are a disruption and distract others. If caught excessively on phone without valid excuse you will be asked to leave.

TENTATIVE LABORATORY OUTLINE

Date	Lecture topic	Exercises
Aug 27/28	No Lab	
Sept 03/04	Lab 1- Anatomical Language, Microscopes, Tissues	
Sept 10/11	Lab 2 – Cell Anatomy & Structure	
Sept 17/18	Lab 3- Bone Overview & the Axial Skeleton	
Sept 24/25	Lab 4- Appendicular Skeleton	
Oct 01/02	Lab Practical #1	
Oct 08/09	Lab 5- Muscles	Cat Dissection
Oct 15/16	Lab 6- Heart Structure & Functions	Cat Dissection
Oct 22/23	Lab 7- Blood Vessel Structure & Functions	Cat Dissection
Oct 29/30	Lab 8- The Brain	Cat Dissection
Nov 05/06	Lab 9- General Senses (Olfaction/Taste)	Cat Dissection
Nov 12/13	Lab 10- Respiratory System	Cat Dissection
Nov 19/20	Lab 11- Digestive System	Cat Dissection
Nov 26/27	Lab 12- Review Organ Systems	
Dec 03/04	Lab Practical #2	

Note – This outline is subject to change for reasons of course interest, time constraint, or instructor whim. The exams will be administered on the dates given, unless material relevant for a given exam has not been covered. Under such cases, an exam may be moved a class period or two to aid in the clarity and understanding of the material.

ADA (Americans with Disabilities Act) Sul Ross State University is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is the student's responsibility to initiate a request for accessibility services. Students seeking accessibility services must contact Mary Schwartze-Grisham, M. Ed., LPC., in Counseling and Accessibility Services, Ferguson Hall, Room 112. The mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas. Telephone: 432-837-8691. E-mail: mschwartz@sulross.edu