

**BIOL 2402 Human Anatomy and Physiology II Laboratory**  
**SRSU Spring 2015**

**Required Lab Manual:** Allen & Harper. *Laboratory Manual for Anatomy & Physiology*, 4<sup>th</sup> or 5<sup>th</sup> ed.  
**Teaching Assistant:** Billy Jones, WSB 214 , Tel. 837-8715 Email: [bjon3711@sulross.edu](mailto:bjon3711@sulross.edu)  
**Office hours:** TBA

**Lab Classroom:** Rm 109, Warnock Science Building  
**Time:** Section 001 Tuesday 3:30-5:20 pm, Section 002 Tuesday 7:00-8:50 pm

**Course Description:**

The purpose of this course is to introduce students to the importance of the human body and its various organ systems. This is designed as the second semester of a two semester course, and will cover internal organ systems, such as cardiovascular, digestive, endocrine, lymphatic, respiratory, reproductive, and urinary. This laboratory will focus on hands-on learning, combining laboratory and microscopic techniques with classical dissection.

**Grading:**

A total of **200 points** possible will count for ~26% of your overall grade for the course. Your grade will be determined by you performance on the following:

**3 lab practicals (150 total points)**

**5 Quizzes (50 total points)**

**Suggestions:**

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 in the lab.
- 3) Leaving and returning to class repeatedly is disruptive, as is showing up after half the period is over.
- 4) Please turn cell phones and pagers to silent while in class. They are disruptive to the entire class.

*Students with disabilities will be provided reasonable accommodations. If you would like to request such accommodations because of physical, mental, or learning disability, please contact the ADA Coordinator for Program Accessibility at 837-8203, FH 112.*

## Tentative Laboratory Outline

<b>Date</b>	<b>Lab topic</b>	<b>Exercise(s) in Lab Manual</b>
Jan 20	<i>No Lab</i>	
Jan 27	Anatomical Orientation Review; Heart Structure & Function	27
Feb 03	Blood Vessel Structure & Function	29 & 30
Feb 10	Cardiac Cycle: Heart Sounds & Vessels	28
Feb 17	Cardiac Cycle: Mechanical & Electrical Activity	28
<b>Feb 24</b>	<b>Lab Practical I</b>	
Mar 03	Lymphatic System Structure	31
Mar 10	Respiratory System Structure	32
Mar 17	<i>Spring Break – No Class</i>	
Mar 24	Urinary System	36 & 37
<b>Mar 31</b>	<b>Lab Practical II</b>	
Apr 07	Digestive System Structure	34 & 35
Apr 14	Endocrine System	25
Apr 21	Reproductive	38 & 39
April 28	Clean up, Catch up, and Review	
<b>May 05</b>	<b>Lab Practical III</b>	

**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.