

Physiology Lab Instructions

In this course, you will be performing experiments and recording and analyzing your data. These activities are designed to improve your skills in laboratory techniques, data analysis, statistical analysis, use of the scientific method, critical analysis of scientific articles, writing, and presenting.

To do before lab: You are required to read the lab manual and complete the entire pre-lab assignment prior to the start of lab. The pre-lab assignment can be found under the “Pre-lab” heading for each lab. The pre-labs are worth 5-10 points and must be turned in by the start of lab. You are welcome to ask me questions online about the pre-lab as you work on it (but keep in mind that at the last minute I may be unavailable). Definitions must be in your own words.

To bring to lab: You must bring your printed lab, textbook, lined and graph paper, ruler, calculator, and colored pens or pencils to each lab session.

Lab assignments: Your lab assignments will be written on 8.5 x 11” lined paper. Use quad paper and a ruler for all graphs and tables. All labs must be written in pen, and presented in the order instructed. You do not need to restate the question. You may bullet point your answers instead of using complete sentences, unless you are writing in paragraph format. You must always include a data section. Typed labs are not acceptable.

General lab instructions: Every lab has unique instructions for the lab assignment, which can be found under the “General Instructions” heading. Make sure you follow these instructions, and write up your lab in order. Make sure you include data from each section of the lab. The labs will be performed in groups, but your written work must be individual and unique. Any shared or copied entries will receive a zero grade. Lab assignments are due by 9:30 PM of each lab session.

Reviewing your lab: At the end of each lab period, after your lab work is complete and handed in, you may view the answer key. The answers are my property; do not copy or photograph them, and do not share them with other students. Copying the answers, adjusting your lab assignment, or sharing answers with other students will be considered a violation of the Student Honor Code, and will be handled accordingly.

Grading: Your labs will be graded regularly during the semester. Any work that is not affixed to your lab will not be graded.