

Laboratory Information

Lab Procedures

Lab meets each week. You are expected to prepare for lab each week by reading through the lab in advance of your lab session. You should also print off a copy of the lab worksheets (and lab if desired) before you go to your lab session.

Students work in the laboratory in teams of 2 or 3 on the same apparatus. The team members cooperate in designing procedures and taking data. Each student must make a record of all data as the experiment is conducted. In those rare experiments where the analysis and report cannot be completed by the end of the lab period, the data must be signed and dated by the lab instructor before the student leaves the laboratory. In such labs, each student will be expected to carry out basic analysis before leaving lab to ensure all necessary data was recorded.

Labs will generally be due one or two days after your lab session. Your TA will give you specific instructions for due dates and where to turn in your lab.

Please leave your lab table clean and equipment neatly organized at the conclusion of each lab period for the next group. Food is not permitted in the lab rooms.

Absences

In the event you cannot be present for a lab, you must contact your lab instructor in advance for permission to be absent and provide a valid reason why you cannot attend lab as scheduled. In cases of emergency where advance notice is not possible, you must contact the lab instructor as soon as practical to be excused from the lab during the assigned week and document the cause of your absence. With the permission of the lab instructors involved, you may make up the lab the same week in a different lab section on a space available basis. If a make-up week is scheduled during the semester, a student may make up no more than two excused absences; unexcused absences may not be made up without the course instructor's permission.

You are only able to make up 2 labs for credit during the semester. Additional make ups will need to be completed but you will not receive credit. Note: If you do not complete all of the labs you have not fulfilled the requirements for the class and will receive a failing grade for physics 1001 or physics 1002.

Lab Grading

Labs will be graded out of 10 points. To receive credit for completing a lab, you must attend lab, actively participate in the experiment, and submit the lab report with the requested analysis. The faculty member in charge of the lecture can tell you how the lab grade influences your overall course grade.

Lab reports should be done in pen (not with a pencil). When grading your lab work, your lab instructor will be looking for the following features:

1. Correct units on all quantities.
2. Correct amount of significant figures for all of your results.
3. Calculations clearly presented with relevant diagrams and all work shown.
4. Answers to questions posed in the lab instructions.
5. Correctly labeled graphs with units, titles, and scales.
6. Answers to any homework questions.

Late lab reports may be turned in up to one week after the due date and will be considered for grading with a penalty of 25% off.