

Kuwait University	Course 125 Phys. Lab. I
Physics Department	Reference A

Prepare lab work:

- **Read** the experiment sheet.
- **Solve** the assignment.
- **Deliver** your lab assignment in the beginning of the next lab session.

Lab report:

The lab report should indicate your experimental work,

- how you improved your experimental skills,
- how you used observations to prove your theoretical studies of physics.

Guidelines to write a lab report:

- **Title page**
The first page should contain only the title, your name, the name of your laboratory partner, the date, the section number of the laboratory, and the instructor's name.
- **Introduction**
The objectives of the experiment.
- **Equipment list**
- **Theory**
Explain what you are doing in each part of your experiment and where the formulas ("equations") come from.
- **Data**
Write your data and its experimental error, use the proper units. Data should be recorded in tables.

- **Data analysis**

- **Calculations**

- Use given formulas to calculate values needed, take care of the errors and units.

- **Graphs**

- Plot graphs on graph paper, label axes with variables and units.

- **Results and conclusions**

- Write a summary of your results and conclusions. List any suggestions you might have on alternate methods that might improve the accuracy of the experiment.