

## Lab Report Format

1. **PURPOSE:** Write what is the main purpose of the experiment.
2. **INTRODUCTION or THEORY:** Introduction of the “system”—what does “the system” look like and how does it behave. What is the importance of the experiment? What are relevant Physical Principles (how they will be implemented)? You can include drawings or schematics of the experiments. Important definitions and concepts should be included here.
3. **PROCEDURE:** How are we going to proceed? Write down all the steps in order you performed. Techniques (Diagrams).
4. **RESULTS and DISCUSSION:** The data, Tables and Graphs, Calculations if any with explanation, the results and their analysis. Do the results make sense? Brief explanation. Possible errors in data and how they can be eliminated.
5. **SUMMARY or CONCLUSION:** An overview – Put together your main results avoiding repetition.

### **Important Note for online lab reports**

Every week you will be assigned to submit your lab report on D2L. You must convert your lab reports into pdf format and submit on D2L. **Only pdf format will be accepted.**

If you miss or expect to miss a lab for any reason, you must contact your lab instructor as soon as possible to make it up.

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