Lab Report Guidelines

[5%] Introduction: In one or two lines, explain both what you will perform in the lab, and why you will do it.

[85%] Lab Body: Perform and report all measurements, calculations, and discussion asked for in the lab handout. Points will be divided evenly among the different parts of the lab:

- Labeled Circuit Diagrams: Provide a circuit diagram with labeled voltages, currents, and component values for any circuit which is measured.
- Data:
  - Single Point: Single measurements should be reported as such
  - Multiple Points: Multiple measurements should be reported as a table or graph as appropriate
  - Waveforms: Measured waveforms should be reported by inserting a screen capture or plot of the waveforms taken from the oscilloscope (if you do not know how to do this, ask a TA)
  - All data should be labeled and have correct units!
- Calculations: Any calculation should show the relevant formula used and should have appropriate units.
- Comparison to Data Sheet: Any time you are asked to compare a value to one from a datasheet, clip out the section of the datasheet used and show it, so that we know you understand how to read the datasheet.
- Discussions: Any time you are asked to explain some difference or effect, please give a brief and plausible explanation for it. We want to see that you have put some thought into it.

[5%] Conclusion: In one or two lines, explain what was the most important thing that you learned from the lab.

[5%] Style: Overall clean, well organized presentation. Correct spelling and grammar. Easy to read tables and graphs. Not too much text on any given slide.