EE 380
Intermediate Project Lab

Howe/Randall   Spring 2016

Project Documentation

Your report should appear professional, follow the rules of technical writing (clear, concise, complete), exhibit proper grammar, and include references as appropriate. You should have the follow sections:

1) Problem Description

       This section describes the problem you are trying to solve. Do not just restate the assignment, use your own words and thoughts.

2) Design

       This is section details how you designed your project. What considerations were made? What methods were used? Don't forget to show the completed design in a professional manner.

3) Theoretical Results

       Based on your design, how do you expect your project to behave? This is where you describe your hypothesis.

4) Simulation Results (when applicable)

       Discuss your LTspice circuit and results in this section. Note differences between the simulation and theory and discuss why they are present. If you make changes to your design based on the simulation, note that here.

5) Experimental Design

       How will you test your project? Provide sufficient detail of your experiment so that it could be recreated by a peer.

6) Measurement Results

       Share and analyze your data in this section. Use graphs, tables, and photos as necessary.

7) Conclusion

       This section should contain no new data. It is a wrap up of the entire document and thoughts on the project as a whole. Show a photo of your final project. Include a table or graph comparing your theoretical, simulated, and measured results when appropriate. Discuss if your project met the specifications and how well your hypothesis held up.

Notes:

For team projects, the bottom of each section should list which team members contributed significantly to that section. It should not be the case that every team member is listed in every section. The point is for each team member to contribute equally to the project as a whole.

Never include a graph, table, flow chart, etc. without describing it in the text. Graphs and images should be numbered and described below the image. Example: "Figure 1 Description". Tables should be numbered and described above the image: "Table 1 Description".