ECE 3155 Technical Report

**Spring 2025**

This semester, your Technical Report will be a description of what happened during some of the measurements you made in the first Experiment on AC Circuits and Bode Plots. Specifically, you are to write a report in clear and concise English, presenting and describing the results you obtained in Step 6 of Part B of that experiment. In addition, you should explain what your results mean.

Your Technical Report must be a Microsoft Word document, submitted through Canvas. The due date will be **March 6, 2025**. Late reports will have significant penalties.

Your report must include your measurements presented both in the form of a table or tables, and in the form of a plot or plots. You are required to provide your actual measurements in a table or tables somewhere in your report. Your report must be more than just these tables and plots. Explain what the reader should learn from the tables and plots, and how to interpret them. Explain what the meaning of the results is. There is no minimum or maximum length for your report. It should be clear and concise. If two reports contain the same information and one is longer than the other, the shorter one is better. If two reports are the same length and one is clearer than the other, the clearer one is better.

As with all measurements, you should show the appropriate number of significant figures in all of your tables. As with all plots, you should show clear axis labels, scales, and units on your plots.

Your data must be the measurements that you made in the laboratory. Your data can be the same as your lab partner’s, if you have a lab partner, but your data should not be the same as anyone else’s data. Your calculations should be your own calculations. Your plots must be your own plots, and cannot be shared, even with your lab partner. When you explain what your results mean, your explanation should be your own analysis of these results.

If you use anyone else’s words, you should quote them, providing a reference that would allow the reader to know where you got those words. In other words, do not plagiarize. Aside from presenting the writing of others as your writing, you are welcome to use other technical and nontechnical assistance. For example, you may use a dictionary, a thesaurus, Grammarly, Microsoft Word’s Spelling & Grammar assistance, or other programs. You may ask for help from the Writing Center (see <https://uh.edu/writing-center/> ).

Make sure that your report is clear.