ECE 2660 Fall 2015

## LAB xx Name of this Lab

## Date Lab is Performed

Team member John Doe – Lab Responsibilities

Team member Mary Smith - Lab Responsibilities

Team member Bubba Joe - Lab Responsibilities.

### Laboratory Purpose

This section should contain a brief 1 paragraph description of the purpose of the lab. Additionally you should explain the observations you will be making and how they relate to the underlying theory. If the intent of the laboratory is to test a hypothesis, you should state that here.

### Experimental Equipment Employed

This section should contain a list of the equipment that you employed to perform the experiment. A bulleted list is fine.

### Experimental Procedures

This should be a detailed explanation of the procedures you employed to arrive at your results section. It should explain each step and why you performed those steps in the way that you did. It should include pictures and schematics.

### Results

This section should contain graphs and tabulated data that you obtained in the experiment. It should be clear, concise, and carefully explain what setup was used to get each result. Interesting features of your graphs should be clearly annotated on the graph itself.

### Conclusions and Explanations

In this section you should draw conclusions about the meaning of the results that you obtained. For example, if your observations in the lab led to different results than those you might expect from a calculated value, then you should explain the discrepancies and evaluate their impact on the overall design process for someone that might wish to employ the techniques studied in this experiment. You might also include a description of what you would do differently if you were to repeat this experiment, i.e. the lessons you learned. This is the most important section of the lab report!