Student: _____
Section: _____
Lab #:   _____

____/5 **Abstract** – (3) Brief overview of experiment, (2) stating results and conclusions

___/10 **Introduction –** (4) for including purpose of lab, (3) including conclusions of lab, (3) connecting lab to class material

___/15 **Calculations** – (8) for all equations, circuits, and pre-lab calculations, (7) if all of the previous items labeled and computer generated

___/15 **Data** – (8) for including all necessary data and giving correct units , (7) if all previous items are labeled and computer generated

   Note: the first 8 points are for including all the data necessary and giving correct labels. Data with no clear origin will receive fewer points and the section layout makes sense. The next 7 points will be given if the charts and data have been given logical labels, e.g. figure 1, figure 2…. , and only if the charts and graphs are generated on the computer.

___/15 **Results** (5) including all necessary graphs, (10) presentation

   Note: the first 5 points will be given to a report that includes all necessary result figures. To receive full credit on this section it will be necessary to have figures that have the following: computer generated, properly labeled axis, figures are labeled, if there is some explanation as to what each figure represents.

___/30 **Discussion and Analysis**- all questions in lab must be answered, results and data must be compared to calculated values and theory from class.

   Note: There is no break down of points here because some labs will have more analysis or more questions that need answering. Each lab will have a slightly different break down. Just remember that you must answer all questions posed in lab and all results and data should be compared to theoretical values from class or the lab write up.

___/5 **Observations**-

   This is a place for them to note anything outside the scope of the lab. Mostly everyone should get zero or a couple points unless they make a novel observation.

___/5 **Conclusion**

                      Total   /100