ENGR 201 Report Format Guidelines

• Introduction
  o What is the purpose of your experiments? (Summarize)
  o What do you predict will happen?
  o What tools will you use? (hardware/software)

• Experiments
  o Schematics (DO NOT copy paste the lab manual schematics, use LT spice)
  o Equations you started with.
    ▪ Use an equation editor (mathtype)
  o Explain your circuits and their components
  o Explain the experiments (explain all your variables in detail)
    ▪ What did you do?
    ▪ For how Long?
    ▪ What did you do different at this time interval?
  o You cannot make an adequate data analysis if you do not document your experiment thoroughly.

• Results and Analysis
  o Simulations
  o Graphs
  o Raw data (chose 50 data points and put them into a table for your report)
    ▪ Do not give me your excel document
  o Mathematical analysis (your work)
    ▪ Use an equation editor (mathtype)
    ▪ This is where you would add any lab questions
  o Compare simulation with actual results
  o Explain graphs and any anomalies.

• Conclusion
  o Summary of results and analysis
  o Were your predictions correct? Why/Why not?
  o Relation to major

• Extra Credit
  o Add any extra credit

*Notes: Label all Schematics, Tables, Graphs, etc (ex. figure 1: schematic of thermistor circuit used in experiment 1 )