ENGR 201 Report Format Guidelines

- Introduction
  - What is the purpose of your experiments? (Summarize)
  - What do you predict will happen?
  - What tools will you use? (hardware/software)
- Experiments
  - Schematics (DO NOT copy paste the lab manual schematics, use LT spice)
  - Equations you started with.
    - Use an equation editor (mathtype)
  - Explain your circuits and their components
  - 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?
  - You cannot make an adequate data analysis if you do not document your experiment thoroughly.
- Results and Analysis
  - Simulations
  - Graphs
  - Raw data (chose 50 data points and put them into a table for your report)
    - Do not give me your excel document
  - Mathematical analysis (your work)
    - Use an equation editor (mathtype)
    - This is where you would add any lab questions
  - Compare simulation with actual results
  - Explain graphs and any anomalies.
- Conclusion
  - Summary of results and analysis
  - Were your predictions correct? Why/Why not?
  - Relation to major
- Extra Credit
  - Add any extra credit

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