Abbreviated Syllabus - Physics 138

Class time
Recitation - 3:35-4:25
Lab - 4:35-6:25
Office Hour: Wednesday, Thursday 3:30-4:30p

Dues Dates
Homework - The beginning of each recitation section
Lab - Monday morning by the end of lecture

Homework Policy
Each homework assignment will be due at the beginning of recitation. It will be returned (graded) the following week. You then may turn in corrections to the homework for full points (like last semester) at any point during the semester. I would recommend sooner rather than later as homework will be more regular this week. Each homework assignment will be normalized to 100 points.

Lab Policy
Each report will be turned in no later than Monday morning after Class with Dr. Levin. I grade labs on Monday! Every report will be typed, and completed individually. Every lab will follow the same format as prescribed in the Lab Format document and will be out of 100 points. The lowest lab grade will be dropped at the end of the semester. No make-up labs except under particular conditions.
Lab Format

Topic/Title

Intro:
    Give a brief introduction to the topic. ~1 paragraph.

Procedure:
    Give a brief overview of the procedure. Include important pieces of equipment used!

Data:
    Present all tables and plots generated from the data. These will be proscribed in the lab manual or explicitly by me. Be sure to read the manual thoroughly!
    Be sure to include units, label all axes, give each article of data a name (Plot 1, Table 2, etc) and a short description. Pay attention to sig figs! (I don't like a number with 12 digits...)

Analysis:
    For each table/plot in the data section, include two things:
    - How does each table/plot exemplify/describe/show/prove the TOPIC of the lab?
    - Make approximately three relevant observations

Error:
    Perform error analysis on the Major Equation of the lab and evaluate it once. Comment on the magnitude of the error. Also provide some sources of error and describe their effect on the measurements (did it make the result larger, smaller, etc) Be specific. "Human error" is NOT an acceptable source of error, but "hands shaking while suspending the ruler" is.

Conclusion:
    Sum it all up. What does the data show about the TOPIC. Also include a practical application of the TOPIC of the lab.