A single report is required from each student group. Your report should include the following:

- Abstract (250 words or less)
- Introduction (1+ pages)
- Experimental apparatus and procedures including a sketch of the experimental apparatus, with all relevant dimensions, and the coordinate system. A discussion of uncertainty should be included (2+ pages)
- Results and discussion (2+ pages)
- Summary and conclusions (0.5+ pages)
- Recommendations for future research (0.5+ pages)
- A reference section (as needed)

You do not need to report all of your results – only the results necessary to support your major conclusions. Consider this to be similar to a paper you would submit to a journal. Too much information can confuse your points (and journals will not let you include 100 figures!).

Your presentations can be by a single member or multiple members in the group (e.g., somebody handles the set-up, another the results, and perhaps another the introduction and/or conclusion).

Please give your presentation using PowerPoint or other computer projection system based format.

Please have one member of your group arrive with the presentation on CD or memory stick 10 minutes before the start of class so we can upload the five presentations for the session before the session begins to speed up transitions. We will work from a single computer.

For the presentations you will have 10 – 12 minutes which is not much! You should have only 1-2 slides for introduction, 1-2 for experimental setup which should include at least a comment about the uncertainty in your primary measurements (alternatively, this can occur when the data is presented), and then the bulk of your presentation should be your results. You should finish with a conclusions slide.

20% of your project grade will be based on the quality of your presentation.