At the end of this class, you should have completed your capstone research project, written a paper explaining the purpose, methods, and results of your research, and prepared a poster about your research. The paper and poster are due by 8AM on December 11.

Your paper should include

- Title page with your information and an abstract;
- Section(s) describing an introduction and theory: relevance, history, ideas, equations;
- Section(s) describing what you did in the experiment: equipment, process, raw data;
- Section(s) describing your analysis of the measurements you’ve made: manipulations, calculations, fits, error analysis, comparisons; and
- Appropriate tables of data and graphs.

The contents of the poster should contain the same sort of things, but it should be simplified and condensed for a more general audience, highlighting the most important ideas and results.

You will work with the instructor to complete your project and iteratively improve your paper and poster.

Final grades will be determined by

1/3—the thoroughness of the completed work.
1/3—the quality of the written paper, evaluated for content, usage, style, and success in communicating the results of the research to a specialized audience.
1/3—the quality of the poster, evaluated for its content, usage, style, and success in communicating the results of the research to a more general audience.