

Final Project Poster

Physical Science and Technology

As a summary of your final project, you and your partner will each create an 11" x 17" poster that describes your work. Here are the steps to follow to get started:

1. You and your partner will be working individually to create the poster. However, you are welcome to discuss with each other (in other words, we expect your posters to be similar, but not identical).
2. Complete the data table and answer the analysis questions BEFORE you add information to your poster.
3. Make your poster in PowerPoint – use “Page Setup” to create a new slide that is 11" x 17" with a landscape (horizontal) orientation.
4. Use a subtle, non-distracting background that easily allows you to add clear text, figures, and pictures.
5. All of you should include pictures of your devices. You can take your own pictures if you have a suitable device, or you can ask one of the instructors to help you take pictures.

Your poster should include the following sections in a clear, easy to follow layout:

- A. **Title** with your names below it.
- B. **Project Description** – what was your project, and what was it supposed to do?
- C. **Operation** – how did your project work? What were your adjustments, and how did you switch between them? Where was the force sensor attached?
- D. **Data** – include your data table from Excel (paste it as a picture).
- E. **Graph** – include a graph showing the average amount of work and the average amount of power for each adjustment.
- F. **Analysis** – include (in paragraph form) your responses to the analysis questions on the spreadsheet.

For extra credit, include an exported version of your SolidWorks drawing as an inset to your poster.