Why use Excel?

- Excel is a powerful spreadsheet program that can be used for:
  - Creating graphical displays of data
  - Performing sophisticated data analysis
  - Problem solving
Today’s Learning Objectives

- After today’s class, students will be able to:
  - Create a new spreadsheet
  - Add, subtract, multiply, and divide in a spreadsheet
  - Enter and format column titles
  - Add or delete columns, rows, and spreadsheets
  - Keep column titles in sight as you scroll down a spreadsheet
  - Print a spreadsheet and navigate printing options
  - Understand good graphing practices
Good Graphing Practices – Formatting a Plot: One Data Set

- Title
- Axis Labels
  - Units!
- Even increments
Good Graphing Practices – Formatting a Plot: Multiple Data Set

- Data markers different from each other
- Legend

*Motor Speed During Test*

![Graph showing motor speed over time for Motor 1 and Motor 2.](image)
Preview of Next Class

- Excel – Data Analysis!
What’s Next?

- Open the in-class activity from the EEIC website and we will go through it together.
- Then, start working on homework.