Welcome to the Fundamentals of Mathematics for Engineers Lab

ENGR 2194
MATLAB Supplemental Instruction #1
New Lab Equipment

- Inductors
- Capacitors
- Function Generator
- Oscilloscope
- Data Acquisition System
Oscilloscope
MATLAB

- Functions (e.g., “sqrt”)
- Plotting
  - Multiple graphs
    - Commands (e.g., “hold on”)
  - Line specifiers
  - Legend
- Commands (e.g., “input”)

MATLAB

- Examples
- Assignment
Preview of Next Lab

- Sinusoids in Engineering: Measurement and Analysis of Harmonic Signals
  - Waveforms
  - Electrical Signals