

**EE 200**

# **Design Tools**

## **Lecture 1**

# Lecture 1 Topics

- Penn State Safety program
  - Dave DeCapria, EE Safety Officer
- Course Organization, Syllabus
- EE 200 Entrance Survey
- Learning Factory
- E-Portfolio
- LabVIEW

# Foundation for EE 200

- EE 210 – Circuits and Devices
  - Electrical circuit analysis, electronic devices, amplifiers, time-domain transient analysis, and phasor analysis
- CMPEN 270 – Logic Design: Theory and Practice
  - Combinational and sequential devices and circuits
  - Hardware Descriptive Language (HDL)
- CMPSC 201C – C++ Programming
  - Algorithm implementation; emphasis on numerical methods