

Introduction to EE201/EE202 Supplemental Material

- NOT a repeat of the lectures or the textbook

Objectives

- Review Background math needed to “survive”
- Build “intuitive” understanding about circuits’ elements and their interaction
 - Analysis
 - Design

*We need to learn to look at circuits from a **DESIGN ORIENTED** perspective*
- Get proficient with CAD tools most circuits’ designers use
 - SPICE
 - MATLAB

*Tools are useful for verifying your work and to automate “tedious” repetitive tasks, **BUT DO NOT REPLACE THINKING !!!***
- Emphasize the link between the fundamental EE disciplines
 - EM, Circuit Theory, Signals and Systems