Tasks for this week:

Introduction to three terminal active devices, small signal model and basic circuits.

Intro to PSU FR4IC project.

Study Chapter 1, pages 25-33

Read through Chapter 3 pages 117 to 127

Study Chapter 8 pages 338-345

Homework exercise--LTSpice

Compare 2N3904 Bipolar, J310 JFET, and 2N7000 MOSFET single stage small-signal low-frequency amplifiers using LTSpice. Compare results with material in textbook and small signal models.

Quote of the Week: Wes Hayward “What I wouldn’t give for just one bipolar transistor--just one...”

Next Monday--Question-Answer period in class on single stage amplifier analysis and simulation.

In-Class Midterm exam Wednesday November 13