Quote of the Week: Brian Eno: Art students by definition are people who are looking at how a medium works, and thinking about what you can do with a medium. They're different from folk musicians, who in general are accepting of a tradition. That kind of slightly-outside-looking-in approach that art students brought to music meant that they were completely able to accept a lot of new possibilities, whereas music students were not interested in them at all. It’s very conspicuous that there were a lot of art students involved in pop music in the ’60s and ’70s, and very few music students.

Tasks for this week:

Frequency response of multi-stage active circuits.

Define the topics and format of the midterm exam.

Status update on PSU FR4IC project

Review study of material in Textbook chapters 1, 3, 4 and 8.

Check Concept Inventory--Course Outcomes:

Fluency with diode, BJT and MOS structures and models.
Design using real devices.
If you can’t fix it, feature it: design using device non-linearity.
Fluency with the basic analog building blocks: bias, feedback, v to i, output.
Single-ended to differential circuits and techniques
Familiarity with the use of a circuit simulator to support analog IC design
Introduction to Analog Integrated Electronics Projects
Ownership of a basic project in personal analog design portfolio.

Homework exercise

Refine your three page (one side) study guide. Turn in a copy on Monday November 11. The copy you turn in on Monday will be returned to you to use during the in-class exam on Wednesday November 4.

In-Class Midterm exam Wednesday November 13