EECS 453
Analog Communications

Fall 1995

LECTURES: MWF 2:30 - 3:30 , 1301 EECS.

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OFFICE HOURS: Wed. 9-10, Friday 9-10, and by appointment.

PREREQUISITES: EECS 316 or Equivalent

TEXT: *Modern Communication Systems*, Leon W. Couch, Prentice-Hall, 1995.

Catalog Description

Mathematical analysis of the signals and signal processing used in analog communication systems; spectral analysis, signal transmission; amplitude, phase, frequency, and pulse modulation; modulation and demodulation techniques; frequency and time multiplexing; analysis of signal-to-noise ratio; application to radio and television.

Course Requirements

Your course grade will be computed from the results of two midterm exams (25% each), a final exam (30%), and periodic homework assignments (20%). All exams will be open book and open notes.

Midterms: Both midterm exams will be administered during class period in the classroom. The first midterm exam will be on Monday Oct. 16 and the second midterm exam will be on Monday Nov. 20. No makeup exams will be given.

Final: The final exam will take place Monday Dec. 11, 1:30-3:30 PM in the classroom. No makeup final will be given.

Homework: Homework will be assigned on Wednesdays and will be due the following Wednesday at the end of class. Assignments will also be posted on my homepage on the world wide web. Students may consult with one another on assignments but must turn in their own work. No late homework will be accepted.