California State University, Northridge - Spring 2007
College of Engineering & Computer Science
Department of Electrical & Computer Engineering

ECE 350 – Linear Systems (I)
Number of Units: 3
Class Meeting: JD 3520
T 5:30pm – 6:45pm; R 5:30pm – 6:45pm
Professor: Dr. Xiyi Hang
Office Phone: (818) 677-7003
ECE Phone: (818) 677-2190
ECE Fax: (818) 677-7062
Email: xhang@csun.edu
Office: JD 3321
Grader: Sherwin Chan (sherwin.chan.53@csun.edu)
Office Hours:
Monday 3:30pm – 4:30pm
Wednesday 3:30pm – 4:30pm
Webpage: http://www.ecs.csun.edu/~xhang/ECE350_spring07.htm

COURSE DESCRIPTION

A systematic development of linear system response models in both the time and frequency domains. The course concentrates on continuous system models. Techniques developed include impulse response, convolution, Laplace transform, Fourier series, and Fourier transform.

TEXTBOOK


SOFTWARE

MATLAB

PREREQUISITE

ECE 240

GRADING POLICY

Homework & Project 15% + / - Grading is used in this course
Quizzes 25%
Midterm 30%
Final 30%

HOMEWORK, QUIZ, AND EXAM POLICIES

1) Homework is graded by the grader.

2) CLOSE BOOK, CLOSE NOTES for quizzes, midterm, and final.

3) An A4-size cheating sheet is allowed for midterm and final.

4) The questions in the quizzes are similar to questions in homework, book and class notes.
5) Zero tolerance for PLAGIARISM.

*****no late homework is accepted, neither quiz nor exam can be made up******

MATERIALS COVERED IN THE CLASS

- Introduction to signals and systems
- Time domain analysis
- Laplace transform
- Fourier series
- Fourier transform
- Sampling theory