King Fahd University of Petroleum and Minerals
Department of Electrical Engineering

EE 207: Signals and Systems,   Second Semester 2005-2006

Office Hours: SM 14:00-15:00.

Course Content

Wks	Content	Text
1	Introduction to continuous time signals and systems	1.1-1.4
2-3	System analysis in the time domain	2.1-2.8
4-6	Fourier series & applications	3.1-3.8, 3.10
7-9	Fourier transform & applications	4.1-4.9, 4.11
10-12	Laplace transform and applications	5.1-5.4, 6.1,6.4
13-15	Analysis of discrete time signals and systems	8.1-8.5

Grading Policy:

        Quizzes (4):   10% (February 25, March 11, April 5, May 20)
        Homework (5):   5%
        Exam 1:   15% (March 22, in class)
        Exam 2:   10% (Apri 15, in class)
        Exam 3:   15% (May 6, in class)
        Projects (2):   10%
        Final Exam: 35%

Homework

There will be 5 homework assignments and 2 projects distributed throughout the semesters.

The 2 projects will require programing using the MATLAB software.
Two tutorial sessions on MATLAB have been scheduled:
        February 26, April 16, 2006.
The tutorials will be held in room 14-108 during the time 6:00-7:30 PM.

Textbook
Ziemer, RE, Tranter, WH, and Fannin, DR, (1998) "*Signals and Systems: Continuous and Discrete*", Prentice Hall.

Instructor
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