

# King Fahd University of Petroleum & Minerals

Department of Electrical Engineering

Tentative Schedule

EE 207: Signals & Systems

Second Semester 061

## Textbook

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

## Instructor

Dr. Zaki Alakhddhar , Office: 14-275, Tel: 860 2360, e-mail: [zakiha@kfupm.edu.sa](mailto:zakiha@kfupm.edu.sa)

**Office Hours: SMW 12:10 PM-1:00PM (or by appointment)**

## Course Content

Wks	Content	Text	HW
1	Introduction to continuous time signals and systems	1.1-1.4	set 1
2-3	System analysis in the time domain Matlab example	2.1-2.8	set 2
4-6	Fourier series & applications Matlab example	3.1-3.8	set 3
7-9	Fourier transform & applications	4.1-4.9, 4.11	set 4
10-12	Laplace transform and applications	5.1-5.4, 6.1,6.4	set 5
13-15	Analysis of discrete time signals and systems	8.1-8.5	

## Grading Policy:

Quizzes (5):	10%	Quizzes may be based on the material of the homework.
Homework (5) <sup>1</sup> :	5%	
Exam 1:	15%	November 5, 2006 (6:00PM to 8:00PM Room 6-125)
Exam 2:	25%	January 8, 2007 (6:00PM to 8:00PM Room 24-120)
Projects (2) <sup>2</sup> :	10%	
Final Exam:	35%	Comprehensive

## Homework

<sup>1</sup> There will be 5 homework assignments and 2 projects distributed throughout the semesters.

<sup>2</sup> The 2 projects will require programming using the MATLAB software.

## **Important Points to Remember**

1. Home-work: The homework assignments are to be solved completely by the students. Homework solutions will be posted on WebCt.
2. Attendance: According to the university regulations, any student that exceeds 20% of the scheduled class meeting without an official excuse will receive a grade of DN in the course.
3. Official excuses: All official excuses must be submitted to the instructor no later than one week of the date of the official excuse. The instructor may not accept a late excuse.