

King Fahd University of Petroleum and Minerals  
 Department of Mathematical Science  
**SYLLABUS**  
 Semester I, 2006-2007 (061)  
 (Dr. A. MIMOUNI.)

**Course #:** Math 550  
**Title:** Linear Algebra  
**Prerequisites:** Math 280& Math 345  
**Textbook:** Linear Algebra: by K. Hoffman-R. Kunze, second edition  
**Objectives:** This is a first-year graduate level course in linear Algebra.

Weeks	Dates	Lectures	Sections
1	Sept 9-14*	Lecture 1	1.1, 2.1, 2.2 (review)
		Lecture 2	2.3
2	Sept 16-20	Lecture 3	2.4
		Lecture 4	3.1
3	Sept 24-27	Lecture 5	3.2, 3.3
		Lecture 6	3.4
4	Sep.30-Oct 04	Lecture 7	3.5
		Lecture 8	3.6, 3.7
5	Oct 07-11	Lecture 9	6.1, 6.2
		Lecture 10	6.3
<b>Thursday, October 12 to Friday October 27, 2006: Id al-fitr vacation</b>			
6	Oct 28-Nov01	Lecture 11	6.4
		Lecture 12	6.5, 6.6
7	Nov 04-08	Lecture 13	6.7
		Lecture 14	6.8
8	Nov 11-15	Lecture 15	7.1, 7.2
		Lecture 16	7.1, 7.2 (continued)
9	Nov 18-22	Lecture 17	7.3
		Lecture 18	7.4, 7.5
10	Nov 25-29	Lecture 19	7.4, 7.5 (continued)
		Lecture 20	8.1, 8.2
11	Dec 02-06	Lecture 21	8.1, 8.2 (continued)
		Lecture 22	8.3
12	Dec 09-13	Lecture 23	8.4
		Lecture 24	8.5
13	Dec 16-20	Lecture 25	9.5 (partly)
		Lecture 26	10.1
<b>Thursday, December 21 to Friday January 05, 2007: Id al-Adha vacation</b>			
14	Jan.06-10	Lecture 27	10.2
		Lecture 28	10.3
15	Jan 13-17	Lecture 29	-
		Lecture 30	-