

King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics

SYLLABUS

Semester I, 2014-2015 (141)
(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	GHW
1	Aug 31-Sep 04	Lecture 1	1.1, 2.1, 2.2 (review)	
		Lecture 2	2.3	3-10-12
2	Sept 07-11	Lecture 3	2.4	3-7
		Lecture 4	3.1	2-10-11
3	Sept 14-18	Lecture 5	3.2, 3.3	3-9 # 7
		Lecture 6	3.4	7-12
4	Sep 21-25	Lecture 7	3.5	12-13-17
		Lecture 8	3.6, 3.7	1-3#6-8
5	Oct 12-16	Lecture 9	6.1, 6.2	4-8-15
		Lecture 10	6.3	7-11
6	Oct 19-23	Lecture 11	6.4	9-13
		Lecture 12	6.5, 6.6	1-5#8-11
7	Oct 26-30	Lecture 13	6.7	4-9
		Lecture 14	6.8	1-2-15
8	Nov 02-06	Lecture 15	7.1, 7.2	2-7-8
		Lecture 16	7.1, 7.2 (continued)	7-9
9	Nov 09-13	Lecture 17	7.3	3-5
		Lecture 18	7.4, 7.5	2-4
10	Nov 16-20	Lecture 19	7.4, 7.5 (continued)	
		Lecture 20	8.1, 8.2	13-14
11	Nov 23-27	Lecture 21	8.1, 8.2 (continued)	15-16
		Lecture 22	8.3	10-12
12	Nov 30- Dec 04	Lecture 23	8.4	6-12
		Lecture 24	8.5	8-14
13	Dec 07-11	Lecture 25	9.5 (partly)	6-9
		Lecture 26	10.1	2-4
14	Dec 14-18	Lecture 27	10.2	2-17
		Lecture 28	10.3	5-9
15	Dec 21-28	Lecture 29	Review	
		Lecture 30	Review	