

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

SYLLABUS
Semester I, 2017-2018 (171)
(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	Sep 17-21	Lecture 1	1.1, 2.1, 2.2 (review)
		Lecture 2	2.3
2	Sep 24-28	Lecture 3	2.4
		Lecture 4	3.1
3	Oct 01-05	Lecture 5	3.2, 3.3
		Lecture 6	3.4
4	Oct 07-12	Lecture 7	3.5
		Lecture 8	3.6, 3.7
5	Oct 15-19	Lecture 9	6.1, 6.2
		Lecture 10	6.3
6	Oct 22-26	Lecture 11	6.4
		Lecture 12	6.5, 6.6
7	Oct 29-Nov 02	Lecture 13	6.7
		Lecture 14	6.8
8	Nov 05-09	Lecture 15	7.1, 7.2
		Lecture 16	7.1, 7.2 (continued)
9	Nov 12-16	Lecture 17	7.3
		Lecture 18	7.4, 7.5
10	Nov 19-23	Lecture 19	7.4, 7.5 (continued)
		Lecture 20	8.1, 8.2
11	Nov 26-30	Lecture 21	8.1, 8.2 (continued)
		Lecture 22	8.3
12	Dec 03-07	Lecture 23	8.4
		Lecture 24	8.5
13	Dec 10-14	Lecture 25	9.5 (partly)
		Lecture 26	10.1
14	Dec 17-21	Lecture 27	10.2
		Lecture 28	10.3
15	Dec 24-28	Lecture 29	Review
		Lecture 30	Review

Exams Policy

Exam 1: 90 points. Written Type. Material: 1.1 up to 3.7. Date: October 19.

Exam 2: 90 points. Written Type. Material: 6.1 up to 6.8. Date: November 09.

Exam 3: 90 points. Written Type. Material: 7.1 up to 8.2. Date: December 07.

Final Exam 1: 130 points: Written Type. Material: Comprehensive. Date: January 07, 2018.