

King Fahd University of Petroleum & Minerals  
 Department of Mathematics and Statistics  
 Fall 2016 (Term 161)

**SYLLABUS**

Course : **Math 550**  
 Title : **Linear Algebra**  
 Textbook : Linear Algebra, by K. Hoffman – R. Kunze, 2<sup>nd</sup> edition.  
 Objective : This is a first-year graduate level course in Linear Algebra.

	Sections
Lecture 1	1.1, 2.1, 2.2 (review)
Lecture 2	2.3
Lecture 3	2.4 – <b>HW1</b>
Lecture 4	3.1
Lecture 5	3.2, 3.3
Lecture 6	3.4
Lecture 7	3.5
Lecture 8	3.6, 3.7 – <b>HW2</b>
Lecture 9	6.1, 6.2
Lecture 10	6.3
Lecture 11	6.4
Lecture 12	6.5, 6.6
Lecture 13	6.7
Lecture 14	6.8 – <b>HW3 / Midterm Exam</b>
Lecture 15	7.1-7.2
Lecture 16	7.1-7.2 (continued)
Lecture 17	7.3
Lecture 18	7.4-7.5
Lecture 19	7.4-7.5 (continued) – <b>HW4</b>
Lecture 20	8.1-8.2
Lecture 21	8.1-8.2 (continued)
Lecture 22	8.3
Lecture 23	8.4
Lecture 24	8.5 – <b>HW5</b>
Lecture 25	9.5 (partly)
Lecture 26	10.1
Lecture 27	10.2
Lecture 28	10.3 – <b>HW6</b>
Lecture 29	<i>Catch up</i>
Lecture 30	<i>Catch up</i>

**Grading Policy:**

Homework	2.2 – 10.3	20%	-
Midterm Exam	2.3 – 6.8	30%	Tuesday, <b>November 22</b> , 2016 at <b>7:00 p.m.</b> Room 59/1010
Final Exam	7.1 – 10.3	50%	Tuesday, <b>January 17</b> , 2017 at <b>7:00 p.m.</b> Room 59/1010

Assignments	Sections	Note
HW 1	2.2-2.4	HW should be submitted on <b>Sunday.</b>
HW 2	3.1-3.7	
HW 3	6.1-6.8	
HW 4	7.1-7.5	
HW 5	8.1-8.5	
HW 6	10.1-10.3	