

Text: **Elementary Linear Algebra** by B. Kolman and D. Hill, 9<sup>th</sup> Edition, Prentice Hall, 2007.

Lab Manual: **Linear Algebra labs with Matlab** by D. Hill and D. Zitarelli, 3<sup>rd</sup> Edition, Prentice Hall, 2004. \* The required M-files are available from the course web page.

Lesson	Section	Assignment	Matlab Assignment*
1	1.1	p8: 1,2,4,5,15,22	
2	1.2	p19: 4,9	1.1: 1-4
3	1.3	p30: 11,15,18,19,28	
4	1.4, 1.5	p40: 3,12,15,22; p52: 15,24	3.1: 1, 2
5	2.1	p94: 1,3,11(b)	
6	2.2	p113: 6,7,8,12,14,24,26	4.2: 2, 4.3: 1,2
7	2.3	p124: 7,8,9,17(a),18(a),19	
8	3.1	p145: 3,5,	
9	3.2	p154: 2,3,5,14,15,17,23,25	8.1: 5
10	3.3	p164: 4(a)(b),6	
11	3.4,3.5	p169: 2,4; p172: 1,3	
12	4.1,	p187: 2,5,7,12,14,16,17	
13	4.2	p196: 2,8,9,10,12	
14	4.3	p205: 2,4,6,10	
15	4.3	p205: 17,19,28,33(a) (b)	6.1: 2,4
16	review		
17	Exam I		
18	4.4	p215: 3(a)(b), 4(a)(b),5,6,12	
19	4.5	p226: 4,11,12,16	6.2: 1, 6.3: 1
20	4.6	p242: 2,3,8,11	
21	4.6	p242: 14,15,16,17,19(a) (b)	6.4: 1
22	4.7	p251: 2,5,7,12	
23	4.9	p282: 1,3,6,7,9	6.4: 2
24	4.9	p282: 12(b),14(b),16(b),22(b),34,35,36	
25	5.1	p297: 2,6,8,10,18,25,26	
26	5.3	p317: 8,29,34	9.1: 1 9.2: 2
27	5.4	p329: 1,3,10,11,14	10.3: 1,2
28	5.5	p348: 1,3,12(a),14(a),16,20	10.2: 1,4
29	5.6	p356: 3,11,12	
30	review		
31	Exam II		
32	6.1	p372: 1,2,11,13,14,19	
33	7.1	p450: 5,7,17	13.2: 1,5
34	7.2	p461: 6,8,10,11	
35	7.2	p461: 13,15,19	
36	B.1	pA-11: 2(a)(b)(d),7,9	1.2: 1,4,5,6
37	B.2	pA-20: 1(b),4(b),5(b),11(a)(c)	
38	7.3	p475: 1,2,8,10	
39	7.3	p475: 14,19,20	
40	8.4	p524: 1,2,5,6,7,10	
41	8.4	Course Web Page # 1,2,5,6	
42	8.4	Course Web Page # 3,4,7,8	