M300 Linear Algebra
Homework: Weeks 1-5
August 31, 2004

Do all of the homework below, but turn in only the problems marked with (*)

DATE	Homework
8/31 Tue	Sect 1.1 1, 3, 4, 6, 8, 9*, 11, 12, 17, 18*, 19, 20*, 21, 23, 24*, 25, 27, 28*, 29
9/2 Wed	Sect 1.2 1, 2, 3, 4, 6*,7,10*,12*,15, 16*, 17, 18*, 20*, 21, 22*, 24*, 28*, 30*
9/3 Fri	Introduction to Matlab (HW to be passed out in class)
9/7 Tue	Sect 1.3 1,2,4,6,8*,12*,14*,15,17,19,22*,24*,25,26
9/9 Thur	Sect 1.4 1-13 odd, 14*,16*,18*,20*,22*,23*,31*, 32* (Use Matlab: 37, 40*, 42*)
	Homework 1 (Section 1.1, 1.2 and Matlab) Due
9/10 Fri	Sect 1.5 1,2,6,8*,9,12,14*,18*,20*,25,26,28*,29,31,35
9/14 Tue	(Sect 1.6 2,6,8,10,14*,16*,18*,22*,24*,31-35,38*,40*)
9/16 Thu	Sect 1.7 3,7,9,10*,12*,14*,15,17,22*,23-26,27*,30*,31*, 34*, 36*, 38*
	Homework 2 (Section 1.3-1.5) Due
9/17 Fri	Sect 1.8 2,4,5,8*,9,14,16,18,26*,28*,32*,34*,35
9/21 Tue	Sect 1.9 2*, 4*, 10*, 15, 24*, 32*
9/23 Thu	Sect 2.1 1,2,6*,7,10,16*,17,19,20*,22*,23*,24*,25,26*,28*
	Homework 3 (Section 1.6-1.8) Due
9/24 Fri	Sect 2.2 1,4,5,7,10*,13*,14*,16*,18*,25,26,27,28*,30,32
9/28 Tue	Sect 2.3 2-8 even, 12*,14,15*,18*,20,23,24*,25,27,28*,30*
	In Matlab: 41* To compute the condition number of A, use `cond(A)`
9/30 Thur	(Sect 2.4 1, 4, 12, 15, 17, 22)
	No Homework Due.
10/1 Fri	REVIEW
10/5 Tue	No Class, Evening Exam

Sections in parenthesis may be skipped if necessary to stay on the general schedule.