MA 30300 **Assignment Sheet** **Summer 2009**

Text: *Elementary Differential Equations and Boundary Value Problems, by Boyce and DiPrima, 9th Edition, Wiley*

References for MATLAB: A recommended reference is Ordinary Differential Equations using MATLAB, by Polking, 3rd edition. To find free references start at www.wikipedia.org or use your search engine.

Lesson	Assignment	Due
1	5.1: 3,5,7,13,17,21,22,23	6/16
2	5.2: 1,2,6,8,9	6/17
3	5.3: 1,4,6,10	6/18
4	5.4: 2,4,5,8	6/19
5	5.5: 2,3,10,13, Matlab 1	6/22
6	5.6: 1,3,4,13	6/23
7	5.7: 3,5,7,13	6/24
8	6.1: 5b,7,11,Matlab 2	6/26
9	6.2: 1,3,7,14,21,25	6/29
10	6.3: 2,4,11,13,14,25	6/30
11	6.4: 1,2,5,Matlab 3	7/6
12	6.5: 2,4,6,8	7/7
13	6.6: 8,13	7/8
14	7.3: 1,2,3,7,13,14,15,17,19,20,22,Matlab 4	7/9
15	7.5: 1,5,13,24	7/10
16	7.6: 3,6,9,18	7/13
17	7.7: 2	7/14
18	7.8: 2,5,7	7.15
19	7.9: 1,7,Matlab 5	7/16
20	8.1: 1a; 8.2: 1a	7/17
21	8.3: 1a	7/22
22	10.1: 1,4,14,16	7/24
23	10.2: 9,14,18,Matlab 6	7/27
24	10.3: 1,2,4,6	7/28
25	10.4: 10,11,15,18	7/29
26	10.5: 1,4,7,9,19,Matlab 7	7/30
27	10.6: 1,2,9abc,14	7/31
28	10.7: 1ab,5ab	8/3
29	10.8: 1a,1b,5,Matlab 8	8/4

Midterm Exam 1 July 1 (5.1–6.3)
Midterm Exam 2 July 21 (6.4–8.3)
Final Exam during Final Exam Week Aug 5–7