Text: *Elementary Differential Equations and Boundary Value Problems*, by Boyce and DiPrima, 7th Edition, Wiley (interactive CD is recommended but not required).

Course Web Page: www.math.purdue.edu/MA266

Lesson	Section	Homework
1	1.1 & **dfield6**	P.8: #1,2,11,22 (use **dfield6**)
2	1.2 & 1.3	P.14: #1(a), 6
		P.22: #1,2,7,11,18,20: **A***
3	2.1	P.38: #1,2,13,16,21,23
4	2.2	P.45: #1,7,9,11,14,22,28(a)(b)
5	2.2 (homog eqns)	P.45: #32,36;**B**;**C**
6	2.3	P.57: #1,2,3,4,14
7	2.3	P.60: #18,19,21,22,24,29
8	2.4	P.72: #1,3,7,8,17,18,22(a)(b); **D**; **E**
9	2.5	P.84: #3,4,9,22; **F**
10	2.6	P.95: #1,2,3,7,13,15,18; **G**
11	2.7	P.103: #1,6; **H**; **I**
12	2.7	**J;K;L**
13	3.1	P.136: #1,4,6,10,16,19,22
14	3.2	P.145: #2,4,8,9,11,13,14,23,24(Review complex numbers)
15	3.4	P.158: #11,14,17,18,23
16	3.5	P.166: #3,4,6,14,16,25,28
17	3.6	P.178: #1,2,3,4,13,14,19(a),20(a)
18	3.7	P.183: #2,7,13: **M**
19	3.8	P.197: #3,4,5,9
20	3.8 & 3.9	P.198: #17,28; **(Project #1 due)**
21	3.9	P.205: #5,7,9
22	4.1 & 4.2	P.212: #4,6; **(Project #2 due)**
		P.220: #11,13,22,29,31
23	4.3	P.224: #4,6,11,15,18; **N**; **O**
24	6.1	P.298: #3,5(a), 8,9,11,15
25	6.2	P.307: #2,4,8,10,11,14,21,26
26	6.3	P.314: #1,2,7,8,10,12,14,15,17
27	6.4	P.321: #1,4,7,9,12; **P**
28	6.5	P.328: #1,2,3,14(a)(b); **Q**
29	6.6	P.335: #4,5,7,8,11,12,13
30	7.1 & 7.2	P.344: #1,2; **R**
		P.355: #2,22,23
31	7.3 & 7.4	P.367: #15,16,19
32	7.5	P.381: #1,2,16: **S**
33	7.6	P.390: #1,2,6,10; **(Project #3 due)**
34	7.8	P.407: #3,8
35	7.9	P.417: #7; **T** (omit part b)

*Boldface letters denote <u>Supplementary Problems</u> available on the course web page.