MA 266   **ASSIGNMENT SHEET**   **Fall 2004**

Text:_Elementary Differential Equations and Boundary Value Problems_, by Boyce and DiPrima, 8TH 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: #1,2,11,16 (use **dfield6**)
2	1.2 & 1.3	P.15: #1(a), 7
		P.24: #1,2,7,11,18,20: **A***
3	2.1	P.39: #1,2,13,16,21,24
4	2.2	P.47: #1,7,9,11,14,22,28(a)(b)
5	2.2 (homog eqns)	P.47: #32,36;**B**;**C**
6	2.3	P.59: #1,2,3,4,12
7	2.3	P.62: #16,20,21,22,23,29
8	2.4	P.75: #1,3,7,8,17,18,22(a)(b); **D; E**
9	2.5	P.88: #3,4,9,22; **F**
10	2.6	P.99: #1,2,3,7,13,15,18; **G**
11	2.7	P.107: #1,6; **H; I**
12	2.7	**J;K;L**
13	3.1	P.142: #1,4,6,10,16,19,22
14	3.2	P.151: #2,4,8,9,11,13,14,23,24(Review complex numbers)
15	3.4	P.164: #11,14,17,18,23
16	3.5	P.172: #3,4,6,14,16,25,28
17	3.6	P.184: #1,2,3,4,13,14,19(a),20(a)
18	3.7	P.190: #2,7,13: **M**
19	3.8	P.203: #3,4,5,9
20	3.8 & 3.9	P.204: #17,28; (**Project #1 due**)
21	3.9	P.214: #5,7,9
22	4.1 & 4.2	P.222 #4,6; (**Project #2 due**)
		P.230: #11,13,22,29,31
23	4.3	P.235: #4,6,11,15,18; **N; O**
24	6.1	P.312: #3,5(a), 8,9,11,15
25	6.2	P.322: #2,4,8,10,11,14,21,26
26	6.3	P.329: #1,2,7,8,10,12,14,15,17
27	6.4	P.337: #1,4,7,9,12; **P**
28	6.5	P.344: #1,2,3,14(a)(b); **Q**
29	6.6	P.351: #4,5,7,8,11,13,14
30	7.1 & 7.2	P.360: #1,2; **R**
		P.372: #2,22,23
31	7.3 & 7.4	P.384: #15,16,19
32	7.5	P.398: #1,2,16: **S**
33	7.6	P.410: #1,2,6,10; (**Project #3 due**)
34	7.8	P.428!; #3,8
35	7.9	P.439: #7; **T** (omit part b)

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