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

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

(Boldface letters denote *Supplementary Problems* available on the course web page.)

Lesson	Section	Homework
1	1.1 & dfield7	Page 8: #2, 5, 12, 16, (use dfield7)
2	1.2 & 1.3	Page 15: #1(c), 7; Page 24: #2, 6, 7, 11, 18, 20; **A**
3	2.1	Page 39: #1, 3, 13, 16, 21, 24
4	2.2	Page 47: #3, 7, 9, 11, 14, 22, 28
5	2.2 (Homog. eqns)	Page 47: # 32, 36; **B**; **C**
6	2.3	Page 59: #1, 2, 3, 4, 12
7	2.3	Page 62: #16, 20, 21, 22, 23, 29
8	2.4	Page 75: #2, 4, 7, 8, 17, 19, 22(a)(b); **D**
9	2.5	Page 88: #3, 4, 9, 22; **E**
10	2.6	Page 99: #1, 2, 4, 7, 13, 16, 18; **F**
11	2.7	Page 109: #1, 6
12	2.7	**G**; **H**; **I**
13	3.1	Page 144: #1, 4, 6, 10, 16, 19, 22
14	3.2	Page 155: #2,4,8,9,11,13,14,24,25(Review complex numbers)
15	3.3	Page 163: #11, 14, 17, 18, 23
16	3.4	Page 171: #3, 4, 6, 14, 16, 25, 28
17	3.5	Page 183: #1, 3, 4, 6, 13, 14, 19(a), 20(a)
18	3.6	Page 189: #2, 7, 13; **J**
19	3.7	Page 202: #3, 4, 5, 9
20	3.7 & 3.8	Page 203: #17, 28; (**Project #1**)
21	3.8	Page 215: #5, 7, 9
22	4.1 & 4.2	Page 224: #4, 6; Page 232: #11, 13, 22, 29, 31
23	4.3	Page 237: #4, 6, 11, 15, 18; **K**; (**Project #2**)
24	6.1	Page 311: #3, 5(b), 8, 10, 11, 15
25	6.2	Page 320: #2, 4, 8, 10, 11, 14, 21, 26
26	6.3	Page 328: #1, 2, 13,14,16,18,20,21,23
27	6.4	Page 336: #2, 4, 7, 9, 12
28	6.5	Page 343: #1, 2, 5, 14(a)(b); **L**
29	6.6	Page 350: #4, 5, 7, 8, 11, 13, 14
30	7.1 & 7.2	Page 359: #1, 2; **M**; Page 371: #2, 22, 23
31	7.3 & 7.4	Page 384: #16, 17, 20
32	7.5	Page 398: #1, 4, 16; **N**
33	7.6	Page 409: #1, 2, 6, 10; (**Project #3**)
34	7.8	Page 428: #3, 7; **O**
35	7.9	Page 440: #7; **P**

During the last two weeks of the semester, you will be provided an opportunity to evaluate this course and your instructor(s). To this end, Purdue has transitioned to online course evaluations. On Monday of the fifteenth week of classes, you will receive an official email from evaluation administrators with a link to the online evaluation site. You will have two weeks to complete this evaluation. Your participation in this evaluation is an integral part of this course. Your feedback is vital to improving education at Purdue University. I strongly urge you to participate in the evaluation system.