

**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](http://www.math.purdue.edu/MA266)

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

\* Boldface letters denote Supplementary Problems available on the course web page