

**Book: Elementary Differential Equations and Boundary Value Problems 9th Edition** by W.E. Boyce and R.C. DiPrima (8th Edition, sections, pages and problems that have been changed are given in brackets).

The following topics will be covered. Additional topics may be covered if there becomes time available (the new edition has rearranged some material.)

Topic	Section	Assignment
1	1.1, 1.2	p7 1,3,5,7,26,29 p15 1a,2a,3a,3c,7,13,15,19
2	1.3, 2.1	p24 1-9 p39 part (c) for 1-3,5,6,9,11,12; 13-19 odd
3	2.2	p47 1-15 odd, 30, 31-37 odd
4	2.3	p59 1-4, 7-9, 16-18, 20-22
5	2.4	p75 1-11 odd, 27-30
6	2.6	p99 1-13 odd
7	2.7, 2.8	p109[108] 1,2
8	Problems	p132[131] 1,3,11,17,20,22[21],31[32], 36-48 even, 49,50
9	3.1	p144[142] 1-9 odd, 10-12, 21
10	3.2	p151 1,3,5, 7-9, 13-15, 22[21], 24[23], 25[24]
11	3.3[3.4]	p163[164] 1-13 odd, 17,19,21, 35[39], 37[41]
12	3.4[3.5]	p171[172] 1-11 odd, 23,25,27
13	3.5[3.6]	p183[184] 1-10, 13-17
14	3.6[3.7]	p189[190] 1-13 odd
15	3.7[3.8]	p202[203] 1,2,5,6,8,9,12,13
16	3.8[3.9]	p215[214] 1,3,5, 6-9
17	4.1	p224[222] 1,2,7,9,11,13
18	4.2	p231[230] 1-4, 7,9,11,14,15,17,18,29,31
19	4.3	p237[235] 1-6 and 9-15 odd
20	5.1	p249 1-15 odd, 19-21
21	5.2	p259 1,2,5,7,9
22	6.1	p311[312] 1,3,5a,6,15,21,23
23	6.2	p320[322] 1-16, 24
24	7.1	p359[360] 1,2, 8-12
25	7.2	p371[372] 1-4,6a,7a,8,10,12,20,21,22,23
26	7.3	p383 1, 3-5&7-9[3-8], 13[12],14[13],16[15],17[16],19[18],22[21]
27	7.4	p389 4,6
28	7.5	p398 1,3,5,7,10,12 (no drawings)
29	7.6	p409[410] 1,2,3,5,7 (no drawings)
30	7.8	p428 1,2,3,5,7,8 (no drawings)
31	10.1	p583[575] 1-4,11,12,14-16
32	10.2	p592[585] 1-10, 14-17, 19,20
33	10.3	p600[592] 1-5, 9,10
34	10.4	p608[600] 1-9, 11,13,15-19, 21-24, 26
35	10.5	p618[610] 1-11