

Text: *Elementary Differential Equations and Boundary Value Problems*, by Boyce and DiPrima, 10th edition, Wiley

All homework assignments are handwritten and will be collected daily. No late homework are accepted. Homework must be submitted in person at the end of the class period. If you arrive late or leave early by more than 10 minutes, or if you show up just to turn in your homework, your instructor has the right to refuse the homework.

Lesson	Assignment
1	5.1: 3,5,7,15,21,25
2	5.2: 4ab, 6ab, 8a, 15a
3	5.3: 4,6,11,13 (first three non zero terms of 2 linearly independent solutions)
4	5.4: 1,3,5,8,14b,20
5	5.5: 5c,5d,6,8b,8c
6	5.6: 1a,1b,13a,15a,15c
7	6.1: 1b,4b,5a,10,12
8	6.2: 1,8,11,12,25,26
9	6.3: 13,14,17,22,23,30,31,35
10	6.4: 1a,2a,6a,9a
11	6.5: 1a,4a,6a,8a
12	6.6: 8,10,13,14,17
13	7.1: 2,7b,12ab,22b; 7.2: 1cd,2c,10,14
14	7.3: 2,3,4,7ab,13,16,24
15	7.5: 9,11,15,17,20,22
16	7.6: 1,3a,7,10,14ab,20ab
17	7.7: 2a,2b,12
18	7.8: 1a,2c,7a,16b
19	7.9: 5,7,9
20	8.1: 1a; 8.2: 1a
21	10.1: 1,4,7,11,16
22	10.2: 1,2,9,14b,16b,18
23	10.3: 1a,1b,5a,6
24	10.4: 6,8,16a,16b,17ab
25	10.5: 1,2,4,6,7,9,19a
26	10.6: 1,2,10a,11a,13a
27	10.7: 2a,3a,5a
28	10.8: 1b,8b

Midterm Exam 1 July 1 (5.1–5.6, 6.1–6.4)

Midterm Exam 2 July 22 (6.5, 6.6, 7.1–7.3, 7.5–7.9, 8.1, 8.2, 10.1,10.2)

Final Exam is during Final Exam Week August 6–August 8