

Optional Text: *Elementary Differential Equations and Boundary Value Problems*, by Boyce and DiPrima, 9th or 10th edition, Wiley

You may find an electronic copy of the 9th edition of the optional textbook at:

<https://archive.org/details/BoyceElementaryDifferentialEquations>

Homework problems are from the optional textbook (both editions have the same exercises). Assignments are handwritten and will be collected daily. No late homework are accepted. Homework must be submitted in person at the end of the next 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: 1,3,5,8,14,20
5	5.5: 5abc,6,8abc
6	5.6: 1,13
7	6.1: 1,4,5a,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,22ab; 7.2: 1cd,2c,10,14
14	7.3: 2,3,4,7,13,16,24
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,16
19	7.9: 5,7,9
20	8.1: 1a; 8.2: 1a
21	10.1: 1,4,7,11,16
22	10.2: 1,2,9,14,16,18
23	10.3: 1a,1b,5a,6
24	10.4: 6,8,16,17
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 June 27 (5.1-5.6, 6.1, 6.2, 6.3)

Midterm Exam 2 July 18 (6.4-6.6, 7.1-7.3, 7.5-7.9, 8.1, 8.2, 10.1)

Final Exam is during Final Exam Week August 2–August 4