Homework Assignments given on

January 12
1. Skim over 1.1–1.3 and start on 1.4.
2. Problems to work on:
   p. 8: 1, 3, 5, 7, 17, 23, 26, 27, 32, 33
   p. 17: 1, 3, 6, 7, 9, 11, 17, 18, 23
   p. 27: 1, 11–15
   p. 43: 1–3

January 14 (for next Wednesday)
1. Study 1.4 and 1.5.
2. Problems to work:
   p. 43: 5, 8, 13, 19, 23, 24, 33, 49, 65
   p. 56: 1, 3, 5, 7
3. Short Quiz on what we have done in class and in 1.1–1.4.

January 21
1. Study 1.5, “Dilution Problems” on our class Web site, and start on 1.6.
2. Problems to work:
   homework problems on “Dilution Problems”
   p. 56: 11, 12, 15, 19, 33

January 26
1. Continue studying 1.6, and “Dilution Problems.”
2. Problems to work:
   p. 74: 1, 3, 7, 9, 15, 17–19, 21, 23
3. Short Quiz No. 2 on what we have done in class, in 1.5, and in pp. 60–the middle of p. 64.
4. Short Quiz/Hand-in No. 3, which is now on our class Web site, is due in one week from today.

January 28
1. Study 2.1.
2. Problems to work:
   p. 74: 33, 35, 37, 43, 47
   p. 87: 1, 3, 9, 21
3. Short Quiz/Hand-in No. 3 is due in at the beginning of class.
February 2
1. Study pp. 92–95.
2. Problems to work:
   p. 74: 39–41
   p. 87: 5, 6
   p. 98: 1, 3, 5, 9
3. Short Quiz on solving Bernoulli DE’s, exact DE’s, and a problem like exercises 1–6 on p. 87.

February 4
1. Study pp. 100–102.
2. Problems to work:
   p. 98: 2, 4, 9
   p. 108: 7(a), 9
3. Begin reviewing for Test No. 1, which will be on next Wednesday, February 11 and will cover what we have done in class and in 1.1–1.6, 2.1, pp. 92–95, and pp. 100–102.
4. Problem Session next Tuesday at 4:30 p.m. in LeConte 405.

February 9
1. Review for this Wednesday’s Test No. 1, which will cover what we have done in class and in 1.1–1.6, 2.1, pp. 92–95, and pp. 100–102.
2. Problem Session tomorrow at 4:30 p.m. in LeConte 405.

February 11
1. Study 3.1.
2. Problems to work:
   p. 9: 13, 15, 16
   p. 158: 1, 3, 5

February 16
1. Study class notes and begin studying 3.2.
2. Problems to work:
   p. 159: 9, 11–13, 20, 21, 23, 29, 33, 35, 37, 39
3. Short Quiz on what we do in class today, and problems like the homework problems assigned on p. 9 and the ones assigned on pp. 158–159 among 1–13 and 33–38.

February 18
1. Study 3.2.
2. Problems to work:
   p. 159: 30, 36, 40, 43, 45, 47
   p. 170: 1, 3, 5, 13, 15
February 23
1. Study pp. 173–175 and begin studying “Information on Complex Numbers” on our class Web site
2. Problems to work:
   p. 170: 7, 9, 17, 18, 21, 23, 27–29
   p. 183: 1, 3, 5, 7, 9, 23
3. Short Quiz on what we have done in class and in 3.1 and 3.2.

February 25
1. Study the rest of 3.3, pp. 198–206, and “Information on Complex Numbers.”
2. Problems to work:
   the exercises given in “Information on Complex Numbers”
   p. 183: 11, 13, 15, 17, 19, 27, 29, 31, 33

March 2
1. Study 3.5 and today’s handout on solving nonhomogeneous linear differential equations.
2. Problems to work:
3. Short Quiz on problems like the exercises in “Information on Complex Numbers” and the exercises assigned on p. 183.

March 4
1. Review for Test No. 2, which will be on Wednesday, March 18 and will cover what we have done in class and in 3.1–3.3, 3.5, Monday’s handout on solving nonhomogeneous linear differential equations (see also our class Web site for a copy), and “Information on Complex Numbers.”
2. Problems to work:
   p. 210: 37, 39, 49, 51, 53
3. Problem Session on Tuesday, March 17 at 4:30 p.m. in LeConte 405.

March 16
1. Review for this Wednesday’s Test No. 2, which will cover what we have done in class and in 3.1–3.3, 3.5, the handout on solving nonhomogeneous linear differential equations (see also our class Web site for a copy), and “Information on Complex Numbers.”
2. Problem Session tomorrow at 4:30 p.m. in LeConte 405.

March 18
2. On p. 450, work on 1, 7, 8.
March 23
1. Study class notes and continue studying 7.1.
2. Problems to work from:
   - p. 450: 13, 15, 16
   - today’s handout: 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 27, 29, 35, 39, 41, 43, 55
3. Short Quiz No. 8 on what we do in class today, plus exercises like the homework problems above, excluding 35–55.
4. Short Quiz/Hand-in No. 9, now on our class Web site, is due in on Monday, March 30.

March 25
1. Continue studying 7.1.
2. Problems to work from:
   - Monday’s handout: 53, 55, 57, 61
   - p. 450: 17–19, 21, 22
3. Short Quiz/Hand-in No. 9 is due in at the beginning of class on Monday.

March 30
1. Study class notes, today’s handout “Variation of Parameters” (also on our class Web site), and continue studying 7.1.
2. Problems to work from:
   - p. 451: 23, 26–32
   - the exercises on today’s handout

April 1
1. Study pp. 452–460.
2. Problems to work on p. 462: 1–5, 17, 19, 23
3. Short Quiz/Hand-in No. 12, now on our class Web site, is due in on Monday, April 13.

April 6
1. Study class notes and pp. 464–468,
2. Problems to work from:
   - p. 463: 7, 9, 21
   - p. 472: 11, 13, 15, 17, 19, 27, 29, 31
3. Short Quiz No. 11 on exercises similar to those done in class and on pp. 462–463.
4. Short Quiz/Hand-in No. 12, now on our class Web site, is due in next Monday, April 13.

continued on the next page
April 8
2. Problems to work from:
   p. 463: 11, 13
   p. 481: 1, 3, 7, 8, 15–17
   p. 491: 1, 3, 11, 13
3. Short Quiz/Hand-in No. 12 is due in at the beginning of class on Monday.

April 13
1. Review for Test No. 3, which will be on Monday, April 20 and will cover what we have done in class, in quizzes 8–12, the handout on the Method of Variation of Parameters, 7.1, pp. 175–176, pp. 452–460, pp. 464–468, pp. 474–477, and pp. 482–484.
2. Problems to work:
   p. 472: 28, 30, 32, 39
   p. 492: 31, 33, 35
3. Problem Session this Sunday at 4:30 p.m. in LeConte 405.

April 15
1. Review for Monday’s Test No. 3, which will cover what we have done in class, in quizzes 8–12, the handout on the Method of Variation of Parameters, 7.1, pp. 175–176, pp. 452–460, pp. 464–468, pp. 474–477, and pp. 482–484.
2. Problem Session this Sunday at 4:30 p.m. in LeConte 405.

April 20
2. Problems to work from:
   p. 266: 1, 2, 3
3. Our Final Exam is on Friday, May 1 at 4:00 p.m.
4. Problem Session at 4:00 p.m. on Thursday, April 30 in LeConte 405.

April 22
1. Begin reviewing for the Final Exam, which is on Friday, May 1 at 4:00 p.m.
2. Problems to work from:
   p. 266: 5–8
3. Problem Session at 4:00 p.m. on Thursday, April 30 in LeConte 405.

April 27
1. Review for the Final Exam, which is on Friday, May 1 at 4:00 p.m.
2. Problem Session at 4:00 p.m. on Thursday, April 30 in LeConte 405.