Lectures Covered: Lessons 14, 15, 18 and 19

Show all relevant steps. Don’t just write down the answers.

Late HWs will not be accepted. Lecture Students: turn in your HW in class. Recitation students: turn in your HW at the ECE Office Front Desk. HWs turned-in anywhere else will not be accepted.

Show your work on these pages, attach additional pages if necessary.

- Be sure to organize the pages in order and staple them all together, otherwise you will lose one point

- Fill out the following section. You will lose an additional point if you fail to provide these details

Your Last Name_____________________________ Your First Name_____________________________

1. Lecture Student __________ or Recitation Student__________ (check one)
2. If Recitation then fill out the following
   Name of recitation instruction_________________________ Date/time of recitation______________

Problems start from next page. 5 problems will be graded, each graded problem is worth 2 points.
The problem numbers are from your text book (both the 6th and 7th edition will work)

1) Problem 9.4 a, b (do not use any not gate)
The problem numbers are from your text book (both the 6th and 7th edition will work)

2) Problem 11.7
The problem numbers are from your text book (both the 6th and 7th edition will work)

3) Problem 11.8a
The problem numbers are from your text book (both the 6th and 7th edition will work)

4) Problem 11.9
The problem numbers are from your textbook (both the 6th and 7th edition will work)

5) Problem 11.19a
The problem numbers are from your text book (both the 6th and 7th edition will work)

6) Problem 11.21
The problem numbers are from your text book (both the 6th and 7th edition will work)

7) Problem 11.24