Homework should be turned in at 7:59am in class or by 7:45am in the stat 67 box (DBH 2nd floor).

1. Read Chapters 2.2.4-2.2.7
   Although your book teaches about Bayes rule using tree diagrams, I also suggest understanding it from the prospective of a table or venn diagram as well. In any case, I believe drawing a picture or making a table will enhance your understanding. Whether you like a tree, a table or a venn diagram is up to you.

2. Write answers for the following questions (in section 2.6). Show work.: 2.22, 2.24

3. Read Chapter 1.1-1.5 (pages 1-19) OR watch videos 1.1-1.5 on the openintro.org website. If reading, pay special attention to the following items. If you are watching the videos, go to the pages afterwards and make sure you understand the following items:
   (a) Page 3, The "statistical question": Do the data show a "real" difference between the groups?
   (b) Page 3, the "Be Careful"
   (c) Page 7, Exercise 1.5
   (d) Page 12, the "Caution" box
   (e) Page 13, the "TIP" box
   (f) Page 16 Examples 1.12 and 1.13
   (g) page 17, 1.5.1 Principles of Experimental Design

4. For the following problems- think carefully about how you would answer, then check your answers in the back of the book. You do not need to turn these in:
   (a) 1.17, 1.19, 1.21

5. For the following problems- neatly write solutions to be turned in on Monday:
   (a) 1.6, 1.10, 1.14, 1.16, 1.22