SUGGESTED PROBLEMS FOR CHAPTERS 10, 11, 13 and 18

The second midterm exam will cover all of the material in the course so far. Emphasis will be placed on Chapters 7, 8, 9, 10 (except for the material on control charts), 11 (first two sections on the multiplication rule only), and 13. We omitted Chapter 12.

Suggested homework in Chapters 10, 11, 12, and 13 was to do the odd-numbered problems (in the sections covered). Here are some more specific suggestions.

It is more important to really understand the basic issues through a few examples and problems than it is to run through many problems without understanding the key ideas.

CHAPTER 10
Make sure you understand Example 10.5 on page 257.
Then do problems 10.7 and 10.9.
Make sure you understand Example 10.7 on page 260.
Then do problem 10.11
Review the example on swimmers from lecture.
Omit the material on control charts.

CHAPTER 11
Make sure you understand Examples 11.2 and 11.3.
Then do problems 11.1, 11.3, 11.5.
Also review problems from class that use the multiplication rule.
Omit material other than the first two sections on the multiplication rule.

CHAPTER 12
Omit.

CHAPTER 13
Follow through the examples carefully. Then work problems 13.1, 13.3, 13.5, 13.7, 13.9, 13.11.
Recall that problem 13.14 was done in class using Minitab.
Review this problem and compare the answers with those obtained in Minitab.

CHAPTER 18
This will be the next chapter we will cover after Ch 13.
The ideas are very similar to those in Chapter 13.
18.1, 18.3, 18.5, 18.7, 8.13, 8.17.
For now stop before the significance tests on page 483.