

# STAT 2220: Engineering Statistics

## Assignment #5

**Due at the beginning of the class on Friday, November 23, 2007**

*Assignments must be stapled, with Name and Student Number on all pages. Use letter size (11"×8.5") papers and write your solutions on one side only. Show all your work. Graphs and plots can be done either by hand or by any statistical software. No late assignments are accepted.*

**All questions are from the textbook 4<sup>th</sup> edition.**

1. Page 224, Exercise 5-4
2. Page 236, Exercise 5-24
3. Page 242, Exercise 5-38
4. Page 306, Exercise 6-2 (a),(b), (c), (d), (g) and (i)

For part (i), you are only required to construct 95% CIs on the intercept and slope.

5. page 307, Exercise 6-8