**ChE 320 Homework 9:**

**Due Wednesday, Mar 22, 2017 by 11:30 am at EE129**

**Instructions:** Please complete the following problems on separate, numbered pages. Use the homework cover page available in Blackboard. Start each problem on a new page and *write only on one side of a piece of paper.* ***Only one side of a piece of paper will be graded.*** Circle or box your answer. Do not forget to show all work and state all assumptions that you make.

**These two ANOVA problems are to be completed using manual calculations.**

*THESE PROBLEMS ARE REQUIRED AND TO BE SUBMITTED FOR GRADING IN HARDCOPY FORM.*

**Problem 1:** Montgomery, Runger and Hubele, Problem 5-78 (p. 289 of the 5th Edition of the text).

**Problem 2:** Montgomery, Runger and Hubele, Problem 5-80 (p. 290 of the 5th Edition of the text).

*THESE PROBLEMS ARE RECOMMENDED FOR PRACTICE AND* ***SHOULD NOT BE SUBMITTED***

Problem **5-77** from Chapter 5 of the text.

Problem **5-84** from Chapter 5 of the text.