**ChE 320 Homework 11:**

**Due Wednesday, Apr 5, 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 PROBLEMS ARE REQUIRED AND TO BE SUBMITTED FOR GRADING IN HARDCOPY FORM.*

**NOTE: Minitab/JMP/Excel may be used for all problems.**

**Problem 1:** Montgomery, Runger and Hubele, Problem 6-20 (p. of the 5th Edition of the text).

**Problem 2:** Montgomery, Runger and Hubele, Problem 6-30 (p. of the 5th Edition of the text).

**Problem 3:** Montgomery, Runger and Hubele, Problem 6-32 (p. of the 5th Edition of the text).

**Problem 4:** Montgomery, Runger and Hubele, Problem 6-33 (p. of the 5th Edition of the text).

**Problem 5:** Montgomery, Runger and Hubele, Problem 6-35 (p. of the 5th Edition of the text).

**Problem 6:** Montgomery, Runger and Hubele, Problem 6-46 (p. of the 5th Edition of the text).