**ChE 320 Homework 12:**

**Due Wednesday, Apr 12, 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.*

**Software can be used for all parts of this homework.**

**Problem 1:** Montgomery, Runger and Hubele, Problem 7-2 (p. 386 of the 5th Edition of the text).

**Problem 2:** Montgomery, Runger and Hubele, Problem 7-10 (p. 388 of the 5th Edition of the text).

**Problem 3:** Montgomery, Runger and Hubele, Problem 7-11 (p. 388 of the 5th Edition of the text).