**ChE 320 Homework 6:**

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

**Problem 1:** Montgomery, Runger and Hubele, Problem 4-28 (p. 184 of the 5th Edition of the text).

**Problem 2:** Montgomery, Runger and Hubele, Problem 4-36 (p. 185 of the 5th Edition of the text).

**Problem 3:** Montgomery, Runger and Hubele, Problem 4-40 (p. 186 of the 5th Edition of the text).

**Problem 4:** Montgomery, Runger and Hubele, Problem 4-46 (p. 186 of the 5th Edition of the text).

**Problem 5:** Montgomery, Runger and Hubele, Problem 4-48 (p. 197 of the 5th Edition of the text).

**Problem 6:** Montgomery, Runger and Hubele, Problem 4-50 (p. 197 of the 5th Edition of the text).

**Problem 6:** Montgomery, Runger and Hubele, Problem 4-56 (p. 198 of the 5th Edition of the text).

**Problem 6:** Montgomery, Runger and Hubele, Problem 4-64 (p. 199 of the 5th Edition of the text).

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

Problem **4-32** from Chapter 4 of the text.

Problem **4-34** from Chapter 4 of the text.

Problem **4-63** from Chapter 4 of the text.