

## **MSE 362 - Engineering Statistical Applications - Campbell**

### **✓ Reading and Study Guide #3 - Montgomery & Runger, 3rd Edition**

#### **Chapter 7 - Point Estimation of Parameters**

Read and study:      7-1, Introduction, pp 221-222  
                              7-4, Sampling Distributions, pp 238-239  
                              7-5, Sampling Distributions of Means, pp 239-243

#### **Chapter 8 - Statistical Intervals for a Single Sample**

Read and study:      8-1, Introduction, pp 248-249  
                              8-2, Confidence Interval on Mean, Variance Known, pp 249-256  
                              8-3, Confidence Interval on Mean, Variance Unknown, pp 257-260

#### **Chapter 9 - Tests of Hypotheses for a Single Sample**

Read and study:      9-1, Hypothesis Testing, pp 278-288  
                              9-2, Tests on Mean, Variance Known, pp 289-299  
                              9-3, Tests on Mean, Variance Unknown, pp 300-305

### **✓ Problem Assignment for Problems Quiz #3**

<b>Sec</b>	<b>Page</b>	<b>Problem</b>
7-5	243	7-42
7-5	244	7-51
8-2	256	8-4, parts (a) and (d)
8-2	256	8-8
8-3	260	8-20, part (a)
8-3	260	8-22
9-2	299	9-23, part (a)
9-3	305	9-30, parts (a) and (b)