**6010 V4B**

**Introduction to Probability and Statistics**

**Learning Module 1**

**The Normal Distribution**

1. **READING & ASSIGNMENTS -Bluman**

**Read: *Bluman* 10th edition, Chapter 6 The Normal Distribution**

1. **STUDY and REVIEW prep for Midterm**

***Elementary Statistics*** *10th Edition* – Bluman: The following problem sets will help you master the material from your readings. Do your best to work through at least 1/3 of the problems on your own. If you need assistance, post your questions to the Statistics Q&A discussion Forum on your class web site. After completing the ***Skill building*** problems each week, you will be ready to take the midterm and eventually final exam on Statistics

M: **Set 1 *Bluman*** Exercise 6-1 4, 7, 35, 41, 47a,b,c

T: **Set 2 *Bluman*** Exercise 6-2 1, 3, 17, 24, 42

W: **Set 3 *Bluman*** Exercise 6-3 8, 12, 20, 24, 25,

Th: **Set 4 *Bluman*** Exercise 6-4 1, 3, 12, 20, 22

1. **READING & ASSIGNMENTS – Kabacoff**

***Kabacoff:*** Review Again Chapter 1-4 in Kabacoff. Create an R script with Chapter for Chapters 3-4 listing provided by Kabacoff if you have not done so. Annotate further the script you began in your previous course. Save the Script in your personal R-script library for future reference. Be prepared to send the R script to the instructor if requested the do so. You may find it beneficial to demonstrate to your instructor the diligence with which you have applied yourself to learning R.

1. **Discussion Questions.** Be sure to post 1 primary and 2 response posts each week to receive maximum credit.
2. **Quizzes:** Be sure to take the weekly quizzes found under Quizzes and exams in the nav bar.
3. **R-Project-M1** Complete the Module 1 R project specification found on in Learning Modules/ Module 1 Class web site. It is **DUE on THURSDAY OF WEEK 2.**

Submit the R script with the name **LastName-ALY6010 M1-Project1**

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