Week 1 (Aug 24ᵗʰ – Aug 30ᵗʰ)

Welcome to Math 140 with Teachout! Watch the introduction videos and read the syllabus and introduction letter for more detail. Watch the lecture videos and take notes. Then work on the following assignments during the whole week. Do not wait until the last minute. If you feel you need more detail or more examples than are given in the video lectures, you can read the section in the textbook.

This week you will be submitting six assignments to your Canvas Math 140 account section #51249 under the "assignments" menu. Take note of the due dates. The assignments should be submitted to your Canvas account under "Assignments" menu. If you cannot access your Canvas account, the assignments can be submitted to matt.teachout@gmail.com. The problems can be copy and pasted into Canvas or you can attach a pdf or a picture of your written work. Make sure your first name, last name, and "math 140" are on all assignments.

- Watch both parts of the "Welcome to Intro Stats" video. Video Links: Part 1, Part 2, Board Picture
- Watch both parts of the "Introduction to Math 140" video. Video Links: Part 1, Part 2
- Read the attached syllabus. It is also available on Canvas. Email Mr. Teachout at matt.teachout@gmail.com if you have any questions.
- **Discussion#1 Introduction: Go to Canvas and complete the Discussion#1 introduction assignment.** You will be introducing yourself to the rest of the class. Your name, major, what you did this summer, and why you think learning how to analyze data might be important. After submitting the assignment, you can view responses from other students in the class. Respond to at least two other students. **Discussion#1 initial post should be completed by midnight on August 25ᵗʰ. This is how I take roll for the class. If you do not complete the discussion#1 initial post by August 25ᵗʰ you may be dropped from the class. Replies to at least two other of your classmates should be completed by midnight on Aug 30ᵗʰ.**
- Watch the "Two Types of Data" video and take notes.
  Links: Video Link, Board Picture
- **Do Section 1A Problems#1-3 and submit answers to your Math 140 Canvas Section#51249 under the "assignments" menu by Aug 30ᵗʰ before midnight.** Textbook Links: Section 1A, Problems 1A
- Watch all three parts of the "Collecting Data" video and take notes.
  (The notes will not be collected.) Video links: Part 1, Part 2, Part 3, Board Picture 1, Board Picture 2
- **Do Section 1B Problems#1-15 and submit answers to your Math 140 Canvas Section#51249 under the "assignments" menu by Aug 30ᵗʰ before midnight.** Textbook Links: Section 1B, Problems 1B
- **Discussion#2 "Random": Go to canvas and complete the Discussion#2 assignment. There is a lot of confusion in statistic about the word random. You will be reviewing three different definitions for the word random and explaining why there is confusion. After submitting the assignment, you can view responses from other students in the class. Respond to at least two other students. Discussion#2 initial post should be completed by midnight on August 28ᵗʰ. Replies to at least two other of your classmates should be completed by midnight on Aug 30ᵗʰ.**

What if I need help understanding a concept?

- *My website www.matt-teachout.org is a great resource. There are links to the textbook, lecture videos, problem solution videos and extra notes. Just click on the "statistics" tab and pick the chapter you are on.*
- *Re-watching the lecture videos provided is very helpful if you are struggling with overall concepts. Take more notes on the lecture videos.*
- *Read the section in the textbook. There are links to the textbook sections below and on my website. The textbook has a lot more detailed explanations and lots of examples.*
- *Feel free to email me at matt.teachout@gmail.com with questions. I am happy to answer questions.*

What if I need help with problems in the textbook?

- *You can check your odd answers on the answer key. Textbook Link: Ch 1 Answers to Odd Problems*
- *Feel free to email me at matt.teachout@gmail.com with questions. You can also email me to request a video solution to any problems you are really struggling with.*