STAT 140: Introduction to Statistics - Syllabus Addendum

Important Note

I realize that everything feels uncertain these days, and course performance and grades may not feel like a priority right now. You didn't sign up for virtual instruction, and we are all going to do our best in these strange times. This addendum (and course plan) is meant to give you some structure for the remaining four weeks of the semester. If you feel that it is negatively impacting your learning, please reach out to me so we can come up with a plan together.

I will make every effort to stick to this plan, but it is subject to change depending on our progress for the remaining weeks of the semester. I will continue to update the course website, but this is a summary of what you can expect for the rest of the course.

Grading Scale Changes

- Grades I already have for you
  - Exam 1: 20%
  - Quizzes: 8%
  - Homework: 10%
- Upcoming grades
  - Online participation/labs: 10%
  - Remaining homework: 5%
  - Remaining quizzes: 2%
  - Exam 2: 15%
  - Final project: 30%

Course Updates

- Remaining material:
  - Sections 5.1-5.3, 6.1 (Sampling distributions, Central Limit Theorem, Hypothesis Testing, Confidence Intervals)
  - Sections 8.4, 9.1-9.2 (Multiple Regression)
- Online participation:
  - Access all lectures/materials posted to Moodle.
  - Engage in statistics discussions through Slack or Piazza, at least once per week.
  - Schedule 1 meeting with the instructor/attend office hours and 2 meetings with TAs (meetings do not have to be individual) for the remaining part of the semester.
- Labs:

  - There will be 2-3 more short R labs this semester. These will be turned in to Moodle for completion.

- Homework:
  - There will be 2-3 more homework assignments, to be turned in to Moodle.
- Quizzes:
  - There will be short quizzes administered in Moodle for each section. Plan to complete these after reading/watchin the short posted lectures.
- Exam 2:
  - Exam 2 will be open book, open notes, and open internet. I will give you a week to complete the exam. **It will be available from Friday, April 10 - Friday, April 17, and it will be turned in on Moodle.**
  - It will cover: Discrete random variables/binomial distribution (Sec 3.4, 4.3); continuous random variables/normal distribution (Sec 3.5, 4.1); sampling distributions, Central Limit Theorem, hypothesis testing and confidence intervals (Sec 5.1-5.3, 6.1).
- Final project:
  - Project will be individual, but other than that will remain unchanged. Details and deadlines will be posted on the class website. Expect to work on this in the last week of the semester and during the final exam period. It will be due on **Tuesday, May 5 at 12 noon (US Eastern Daylight Time)** and will be submitted on Moodle.