

PROBABILITY AND STATISTICAL INFERENCE: 2013 FALL

ECON 3640-001 T.H. 9:10 am - 10:30 am

SOPHIE WU

Office hours by appointment

COURSE DESCRIPTION AND OBJECTIVES

This course will help you gain a deeper understanding of statistics and its application in the business world. I will start from the beginning of this subject to establish the fundamental concept before we move to an advanced level. That implies that if this is your first opportunity in the study of statistics, you will be fine as long as you allow yourself to fully participate in this class. I will cover several main topics from chapter 1 to chapter 8 in the textbook and other external sources which will include probability, combination and permutations, estimation, confidence intervals and hypothesis testing.

Eventually, students are expected to utilize Excel to extract useful information from their collected datasets at work.

TEXTBOOK

The Practice of Statistics of Business and Economics, third edition, by Moore, McCabe, Alwan, Craig, Duckworth
published by W.H. Freeman
ISBN 978-1429242530

GRADES AND REQUIREMENTS

Four Assignments: 30% (each 7.5%)
Midterm 1: 20%
Midterm 2: 20%
Final: 30%

The exam dates are scheduled on:

Midterm 1: October 10th, 2013, Thursday, 9:10 am- 10:30 am
Midterm 2: November 7th, 2013, Thursday, 9:10 am- 10: 30 am
Final: December 17th, 2013, Tuesday, 9:10am- 11:10 am

GRADE SCALE

A: >80	A-: 77-79	B+: 73-76	B: 68-72	B-: 60-67
C+: 57-59	C: 53-56	C-: 50-52	E: <50	

Please remember to submit your assignments on time. Late submissions will not be accepted. Grades will not be curved or rounded.

OTHER THINGS YOU WILL NEED TO KNOW

- 1) It is recommended that students work on assignments together. However, assignments are to be handed in individually.
- 2) Please refer to the university's student code on this link.
<http://regulations.utah.edu/academics/6-400.php>