Welcome to Econometrics A!

Winter 2024

All Information in the Syllabus is Tentative

Normally, I would stick to the syllabus.

If I must change something, I will make sure

o   to inform you as early as possible and

o   to explain as best as I can the rationale behind the change.

Basic Information

Professor: Yinlin Dai

Office: Atkinson Hall 6406

Office Hours: Tuesdays 9:30 AM – 11:00 AM (Over Zoom)

Email: yid031@UCSD.edu

Class Information: Mon/Wed/Fri 2-2:50 pm (Section A)
                                                3-3:50 pm (Section B)

Instructor

- Name: Yinlin Dai

- From: Chengdu, China

- Undergraduate: Southwestern University 16', Georgetown, TX

- PhD: Clemson University, Clemson 22', SC

- Hobby: Badminton, Frisbee, Hiking, F45, Coffee Shops

Instructional Team

Maria Ferro (TA)	mdferro@ucsd.edu
Sabareesh Ramachandran (TA)	saramach@ucsd.edu
Huiying Chen (UIA)	huc019@ucsd.edu
Andrew Zhao (UIA)	yiz158@ucsd.edu

o TA/UIA's Office hours are OVER ZOOM!

o If you have any questions（content or logistics; **NO** technical issues) related to this class:
   o Office Hours!
   o Outside Office Hours:
      ➤ Post on Piazza.
         ➤ Students will get extra credits for helping answer questions on Piazza (to their homework grades).

MATERIALS FOR THE CLASS

No textbook to buy!

We will use a free online textbook created by Berkeley Statistics Professor Phillip Stark: https://www.stat.berkeley.edu/~stark/SticiGui/Text/preface.htm

UCSD Economics Professor Graham Elliott has a set of online notes for this course (Not Required): https://econweb.ucsd.edu/~gelliott/Chapter1

Essentials of Statistics for Business & Economics, Cengage, 9th

LECTURES

- Lecture attendance is strongly encouraged.

  - All lectures will be recorded and posted to Canvas.
    - I can't promise the quality of the recording!
    - I like to write on the board.

  - Student questions/participation during lectures are strongly encouraged.

  - All lectures for each chapter will be posted on Canvas beforehand in PDF format.
    - ONLY **solutions** to practice problems will be omitted.

  - I will also include practice problems for students to solve in class (or do group activities). Student responses are strongly encouraged. It is okay to get a wrong answer.
    - Help you digest some concepts.
    - Practice problems in the lecture slides are great materials to study for the exams.

DISCUSSION SECTIONS

The current discussion sections are on M/W, 6-6:50pm, CSB 002

Note:
- The TA will mainly go over homework/practice questions.

- Discussions will be recorded as well.

- No discussion sections during Week 1.

- Attendance is strongly encouraged but not required.

GRADES

7%:   Problem Sets   On Canvas

25%:   Midterm #1   2/5 in class

25%:   Midterm #2   3/4 in class

43%:   Final exam   3/16 **3:00pm to 5:59pm**

- The final exam is cumulative since the later material builds on the earlier material. However, more emphasis will be placed on the later material.

- If you **arrive late to an in-person exam**, I will allow you to take the exam in the time that remains as long as no one has turned in his/ her exam and left the room. Once a classmate has turned in his/her exam, you will earn a zero on the test if you arrive late.

How Course Grades Are Determined

If you have a score above or equal to a 90% for the course you have earned an A.

If you have a score less that is greater than or equal to 80% but less than 90% you have earned no lower than a B.

If you have a score less that is greater than or equal to 70% but less than 80% you have earned no lower than a C.

If you have a score less that is greater than or equal to 60% but less than 70% you have earned no lower than a D.

I usually do not bump up your grade. If you get 89.1%, you might get a B.
➢ If you worry this might happen, please study harder throughout the semester.

Problem Sets

- The homework consists of questions that I post **on Canvas.**
    - Each chapter corresponds to one problem set.

- Most of the homework will be Canvas "quizzes" that are multiple choice and numerical answers. You will have **FIVE** attempts on this part of the homework.
    - Use these questions to practice for the exams.
    - Your highest grade will be recorded.
    - Redo all questions each time!

- If you submit your assignment after the due time, it will be marked as late submission and you will get zero for it. Please **DO NOT** redo any problem sets at any time after the deadlines, or these completed assignments will be counted as late submissions.

- The **two** lowest assignment scores will be dropped before computing your homework grade to cover circumstances such as "I forgot," "my computer died," "I felt sick," etc.

ACCOMMODATION

o Make-up exams are highly discouraged!!!

o The only valid excuses for missing exams are:
1. severe illness.
2. death in the immediate family (or severe illness).
3. school-sponsored event.

o If you miss an assignment for one of these reasons, you must adhere to the following conditions:
1. provide me with a valid and verifiable written excuse AT LEAST 5 HOURS AHEAD;
2. permission must be granted to miss the assignment PRIOR to the deadline;
3. makeup assignments will be taken during the last week of classes.

o Other excuses are invalid and will warrant a zero on that particular assignment.
➤ Going to doctor's appointments is not a valid excuse for missing any assignments. There are no exceptions to these policies.

ACADEMIC INTEGRITY

Academic dishonesty will not be tolerated.   All suspected cases of academic dishonesty will be reported to the Academic Integrity Coordinator. Students found guilty of academic dishonesty will earn a failing grade for the course in addition to the penalties imposed by the Academic Integrity Review Board.

The following are just a few examples of academic dishonesty:

- Using unauthorized materials during an exam.
- Copying another student's answers for a homework or during an exam.
- Having someone else take your exam for you or give you the answers.
- Lying about having taken an exam or completed an assignment.

For more information, go to: http://academicintegrity.ucsd.edu/excel-integrity/define-cheating/index.html

STUDY TIPS:

1. Attend class and discussion sessions.

2. Ask questions.

3. Be active on Piazza.

4. Work on <u>homework assignments</u> and **<u>practice problems</u>**.

5. Take advantage of office hours!

Road Maps

Descriptive Statistics
Introduction to Probability Theory

Exam 1

Discrete Probability Distributions
Continuous Probability Distributions
Sampling and Sampling Distributions

Exam 2

Interval Estimation
Hypothesis Testing

Final Exam

Questions about Syllabus?