

ECO 394C Mathematics for Economists

Summer 2021

Instructor: Jim Wiseman

Office: BRB 2.120

Email: james.s.wiseman@gmail.com

Office hours: MTW 3:15-4:30 **and by appointment**, in my office and on Zoom - details on Canvas.

Teaching assistants: Zijing He, zijinghe@utexas.edu, and Hande Celebi, handenurcelebi@utexas.edu. See Canvas for office hours details.

Class schedule:

Lecture: MTW 11:00-12:45, Th 11:00-12:00, in room WEL 2.224.

TA recitation section: F 11:00-12:00, in room WEL 2.224.

The class is hybrid. For students unable to attend in person, classes will be recorded and posted on Canvas. There is a student homework/lecture discussion board on Canvas.

Textbook: Essential Mathematics for Economic Analysis, 5th ed., by Sydsaeter, Hammond, Strom, and Carvajal. (You do NOT need to purchase access to MyMathLab Global.)

Optional supplemental texts: Fundamental Methods of Mathematical Economics by Chiang and Wainwright, Mathematics for Economists by Simon and Blume, Schaum's Outline of Introduction to Mathematical Economics by Dowling.

Plan: We'll cover most of chapters 11-16. There's a more detailed list of topics below.

Exams: There will be one midterm exam and one final. The midterm will be Friday, July 30. Students will have the option of taking it in person or online using Gradescope through Canvas. Details TBA. The final exam is Saturday, August 14, with a similar format. Details TBA.

Homework: I will assign homework, on Canvas, for every section we cover. You do not need to turn it in, but you are responsible for the material. I encourage you to do as many of the unassigned problems as you have time for.

Grading: 1/3 midterm exam, 2/3 final exam

Daily schedule:

Date	Topics
Mon 7/12	Ch. 11 (read 11.1, 11.3, 11.4, 15.7, & 15.8, ideally before class)
Tues 7/13	Ch. 11
Wed 7/14	Ch. 11, Ch.12
Thurs 7/15	Ch.12
Mon 7/19	Ch. 12
Tues 7/20	Ch. 13
Wed 7/21	Ch. 13
Thurs 7/22	Ch. 13
Mon 7/26	Ch. 14
Tues 7/27	Ch. 14
Wed 7/28	Ch. 14
Thurs 7/29	Review
Fri 7/30	Midterm exam, 11:00-12:45
Mon 8/2	Ch. 14
Tues 8/3	Ch. 14
Wed 8/4	Ch. 15
Thurs 8/5	Ch. 15
Mon 8/9	Ch. 15, Ch. 16
Tues 8/10	Ch. 16
Wed 8/11	Ch. 16
Thurs 8/12	Ch. 16
Sat 8/14	Final exam

University policies:

Honor code: "The core values of the University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the University is expected to uphold these values through integrity,

honesty, trust, fairness, and respect towards peers and community.”

Any student with a documented disability (physical or cognitive) who requires academic accommodations should contact the Services for Students with Disabilities area of the Office of the Dean of Students at 471-6259 (voice) or 471-4641 (TTY for users who are deaf or hard of hearing) as soon as possible to request an official letter outlining authorized accommodations.

Students who violate University rules on scholastic honesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal from the University. Since dishonesty harms the individual, fellow students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.

Occupants of buildings on The University of Texas at Austin campus are required to evacuate buildings when a fire alarm is activated. Alarm activation or announcement requires exiting and assembling outside. Familiarize yourself with all exit doors of each classroom and building you may occupy. Remember that the nearest exit door may not be the one you used when entering the building. In the event of an evacuation, follow the instruction of faculty or class instructors. Do not re-enter a building unless given instructions by the following: Austin Fire Department, The University of Texas at Austin Police Department, or Fire Prevention Services office.

Students requiring assistance in evacuation shall inform their instructor in writing during the first week of class.

Behavior Concerns Advice Line (BCA)L: 232-5050