

ECON 7010: MICROECONOMIC THEORY I

Fall 2025

Instructor: Yangwei Song (yangwei.song@colorado.edu)

Lecture: TTH 3:30 PM - 4:45 PM

Room: ECON 5

Office Hours: T 11:00 - 12:00 (ECON 14A)

Final: Thursday, Dec. 11, 4:30–7 p.m.

TA:

Course Description:

This course introduces basic concepts and techniques of microeconomic analysis. We start with the behavior of individual agents and then move to a theory of aggregate economic outcomes. We will cover traditional theories such as consumer and producer theories, monotone comparative statics, choice under uncertainty, and market equilibrium.

Textbook:

- Microeconomic Theory by Mas-Colell, Whinston, and Green.

Grading Policy:

There will be one midterm and one final. The midterm counts 40% and the final 60% of your grade.

Minimum grade B-.

Course Content:

1. Preference and Choice (MWG Ch. 1)

We study the theory of individual decision making by considering it in a completely abstract setting.

2. Consumer Choice (MWG Ch. 2)

We focus on consumer choice and study consumer demand in the context of a market economy.

3. Classical Demand Theory (MWG Ch. 3)

We study the classical, preference-based approach to consumer demand.

4. Aggregate Demand (MWG Ch. 4)

We briefly investigate how the theory in the previous three chapters can be applied to aggregate demand.

Midterm (Oct 7)

5. Producer Theory and Monotone Comparative Statics (MWG Ch. 5 and Milgrom and Shannon 1994)

We move to the supply side of the economy and study the process by which the goods and services are produced. We will also cover the basic concepts and results for Monotone Comparative Statics.

6. Choice Under Uncertainty (MWG Ch. 6)

Before we only consider choices that result in certain outcomes. We now develop models of choice behavior under risk and uncertainty, including expected utility model and ambiguity aversion model.

7. Competitive Markets (MWG Ch. 10)

We study an entire economy in which consumers and firms interact through markets. We study the notions of Pareto efficiency and competitive equilibrium.

8. General Equilibrium Theory (MWG Ch. 15)

We use simple examples to illustrate general equilibrium models.

Final Dec. 11

Syllabus Statements

Honor Code

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the [Honor Code](#). Violations of the Honor Code may include but are not limited to: plagiarism (including use of paper writing services or technology [such as essay bots]), cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, submitting the same or similar work in more than one course without permission from all course instructors involved, and aiding academic dishonesty. Understanding the course's syllabus is a vital part of adhering to the Honor Code.

All incidents of academic misconduct will be reported to Student Conduct & Conflict Resolution: StudentConduct@colorado.edu. Students found responsible for violating the Honor Code will be assigned resolution outcomes from Student Conduct & Conflict Resolution and will be subject to academic sanctions from the faculty member. Visit [Honor Code](#) for more information on the academic integrity policy.

Accommodation for Disabilities, Temporary Medical Conditions, and Medical Isolation

If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the [Disability Services website](#). Contact Disability Services at 303-492-8671 or DSinfo@colorado.edu for further assistance. If you have a temporary medical condition, see [Temporary Medical Conditions](#) on the Disability Services website.

If you have a temporary illness, injury or required medical isolation for which you require adjustment, please send me an email as soon as possible to inform me of your situation and discuss any necessary accommodations..

Accommodation for Religious Obligations

Campus policy requires faculty to provide reasonable accommodations for students who, because of religious obligations, have conflicts with scheduled exams, assignments, or required attendance. Please communicate the need for a religious accommodation in a timely manner. In this class, please notify me via email as soon as you are aware of a conflict so we can make appropriate arrangements. See the [campus policy regarding religious observances](#) for full details.

Preferred Student Names and Pronouns

CU Boulder recognizes that students' legal information does not always align with how they identify. If you wish to have your preferred name (rather than your legal name) and/or your preferred pronouns appear on your instructors' class rosters and in Canvas, visit the [Registrar's website](#) for instructions on how to change your personal information in university systems.

Classroom Behavior

Students and faculty are responsible for maintaining an appropriate learning environment in all instructional settings, whether in person, remote, or online. Failure to adhere to such behavioral standards

may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, marital status, political affiliation, or political philosophy.

Additional classroom behavior information

- [Student Classroom and Course-Related Behavior Policy.](#)
- [Student Code of Conduct.](#)
- [Office of Institutional Equity and Compliance.](#)
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Sexual Misconduct, Discrimination, Harassment and/or Related Retaliation

CU Boulder is committed to fostering an inclusive and welcoming learning, working, and living environment. University policy prohibits [protected-class](#) discrimination and harassment, sexual misconduct (harassment, exploitation, and assault), intimate partner abuse (dating or domestic violence), stalking, and related retaliation by or against members of our community on- and off-campus. The Office of Institutional Equity and Compliance (OIEC) addresses these concerns, and individuals who have been subjected to misconduct can contact OIEC at 303-492-2127 or email OIEC@colorado.edu. Information about university policies, [reporting options](#), and [OIEC support resources](#) including confidential services can be found on the [OIEC website](#).

Please know that faculty and graduate instructors are required to inform OIEC when they are made aware of incidents related to these concerns regardless of when or where something occurred. This is to ensure the person impacted receives outreach from OIEC about resolution options and support resources. To learn more about reporting and support a variety of concerns, visit the [Don't Ignore It page](#).