



蘇州大學
Soochow University

ECO 337 Advanced Microeconomics

Fall 2023

Course Credits: 4

Contact Hours: 56 hours

Instructor: TBA

Email: TBA

COURSE OBJECTIVES

The Advanced Microeconomics course is designed to provide an in-depth exploration of advanced topics in microeconomics theory. Building upon the fundamental concepts introduced in introductory microeconomics, this course delves into more complex theories and models to enhance students' understanding of how individuals, firms, and markets operate in a competitive environment. Through rigorous analysis and problem-solving, students will develop a comprehensive toolkit of economic theory and be able to apply it to real-world scenarios. The course will also incorporate mathematical techniques and empirical methods to deepen the understanding of economic behavior.

Upon Completion of this Course, students will be able to:

1. Understand and analyze advanced microeconomics concepts, models, and theories;
2. Apply microeconomics principles to analyze and predict individual and firm behavior in various market structures;
3. Utilize mathematical and graphical tools to model and solve complex microeconomics problems;
4. Evaluate the efficiency and equity implications of different market structures and policy interventions.

PREREQUISITES

ECO 331 Intermediate Microeconomics II



GRADING

Grades will be determined by accumulating points, with 100 points being the maximum, as follows:

ITEM	POINTS
Quizzes	20 Points
Assignments	20 Points
Midterm Exam	25 Points
Final Exam	35 Points
Total	100 Points

Late submissions will be graded at the end of the course. Grades will be assigned according to the following rule:

$$A \geq 90 > B \geq 80 > C \geq 70 > D \geq 60 > F.$$

We reserve the right to make adjustments to the overall grading policy.

COURSE MATERIALS

Required Texts:

Geoffrey A. Jehle, Philip J. Reny, *Advanced Microeconomic Theory*, 3rd Edition, Prentice Hall, 2011.

Recommended (Optional) Texts or Other Materials:

None

COURSE TOPICS

MODULE	TASKS
Module 1	<p>Topics: Topic 1: Introduction to Consumer Theory Topic 2: Preferences and Utility Topic 3: Indirect Utility and Expenditure Topic 4: Properties of Consumer Demand</p> <p>Assessments: Assignment #1</p>



Module 2	Topics: Topic 5: Integrability Topic 6: Uncertainty Topic 7: Theory of the Firm Topic 8: Duality in Production Assessments: Quiz #1
Module 3	Topics: Topic 9: Partial Equilibrium Topic 10: Perfect Competition Topic 11: Imperfect Competition Topic 12: Equilibrium and Welfare Assessments: Midterm Exam
Module 4	Topics: Topic 13: Equilibrium in Exchange Topic 14: Equilibrium in Competitive Market Systems Topic 15: Equilibrium in Production Topic 16: Core and Equilibria Assessments: Assignment #2
Module 5	Topics: Topic 17: Social Choice and Arrow's Theorem Topic 18: Measurability, Comparability, and Some Possibilities Topic 19: Social Choice and the Gibbard-Satterthwaite Theorem Topic 20: Game Theory Assessments: Quiz #2
Module 6	Topics: Topic 21: Information and Market Performance Topic 22: The Four Standard Auctions Topic 23: The Independent Private Values Model Topic 24: The Revenue Equivalence Theorem Assessments: Final Exam

ATTENDANCE

1) Class attendance is required. Missing classes without permission will lead to decrease in overall grade.



Missing less than two classes: no penalty.

Missing more than two classes: 7% will be taken off from the overall grade.

If the instructor reports a student's frequent missing of class to the Soochow University Academic Administration Office, the student might get a written warning and might be prohibited from attending final exam.

2) Participants in this course are expected to arrive in class promptly and adequately prepared. The primary objective of this course is to critically engage with the readings and the subject matter. Therefore, course participants are expected to have completed the reading prior to class and prepare thoughtful reflections/commentaries to share with fellow colleagues.

LEARNING REQUIREMENTS

- 1) Late assignments are not acceptable and are subjected to grade deductions.
- 2) Assignments submitted in the wrong format will be counted as not submitted.
- 3) Failure to submit or fulfill any required course component results in failure of the class.
- 4) Make-up for midterm and final exams only with valid excuses, as defined by the University.
- 5) In order to earn a Certificate of Completion, participants must thoughtfully complete all assignments by stated deadlines and earn an average quiz score of 50% or greater.

TECHNOLOGY POLICY

The use of electronic devices in class is distracting, both for the user and for the rest of the class. Only non-programmable calculators can be used in the tests and exam. Any attempts to use cell phones and other electronic communication devices will be seemed as cheating. Laptops are discouraged, unless you use them for activities DIRECTLY related to the course (eg., note taking, reading course documents).

ACADEMIC INTEGRITY POLICY

Soochow University highly values the academic integrity and aims to promote the academic fairness, honesty and responsibility. Any academic dishonesty behaviors



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and any attempts to cheats and plagiarism will be reported to the university administration office. A written warning and the relevant penalties will be imposed. The record might be shown on the official university transcript.

DISABILITY ACCOMMODATION

Soochow University is committed to maintaining a barrier-free environment so that students with disabilities can fully access programs, courses, services, and activities at Soochow University. Students with disabilities who require accommodations for access to and/or participation in this course are welcome.

Note:

Please contact the University Administrative Office immediately if you have a learning disability, a medical issue, or any other type of problem that prevents professors from seeing you have learned the course material.