



EC306 Intermediate Microeconomics (Online)

Instructor Information	Xuejing Zuo Home Institution: School of Economics, Fudan University Email: sharonxzuo@fudan.edu.cn		
Term	June 27, 2022 - July 22, 2022	Credits	4 units
Course Delivery	The class will be delivered in online format. Other than recorded lecture videos, the instructor will arrange 2.5 hours' real-time interactions with students per week (via discussion forum, Zoom meetings, and WeChat). The workload students are expected to complete to properly pass this course is about 12 hours per week.		
Required Texts (with ISBN)	Perloff, Jeffrey M. 2017. <i>Microeconomics: Theory and Applications with Calculus</i> . 4th ed. MA: Pearson Addison Wesley. (ISBN-13: 978-0134167381)		
Prerequisite	Introductory Microeconomics and Calculus I		



Course Overview

This course is designed to use models to analyze Principle of Microeconomics. You will understand how individuals/firms make utility maximization/profit maximization decisions, how market works and fails, and the role of government in improving social welfare and etc. Specifically speaking, we will cover: (1) Consumer Theory: preference, utility maximization (2) producer theory: profit maximization and cost minimization (3) game theory (4) market failures: externalities and public goods

Learning Outcomes

Upon completion of this course, students should be able to

1. Memorize and understand the supply and demand models learnt in class.
2. Understand and use producer theory to explain real life firms' behaviors.
3. Understand Nash equilibrium and Prisoner's dilemma in game theory.
4. Understand the idea of market failures.
5. Understand the limitations of models learnt in class.

Course Structure

This course will include (1) recorded lectures and (2) online discussion through WeChat group. (3) homework (4) midterm exam and final exam. There will be total 18 recorded lectures covering 18 days of the course. Each lecture lasts approximately 70-90 minutes. There will be a minimum 2.5 hours online discussion or office hour each week. In total, there will be four homework. Both midterm and the final exam will be open-book.



Grading Policy

Problem Sets (×4)	20%
Midterm exam	40%
Final exam	40%

Grading Scale is as follows

Number grade	Letter grade	GPA
90-100	A	4.0
85-89	A-	3.7
80-84	B+	3.3
75-79	B	3.0
70-74	B-	2.7
67-69	C+	2.3
65-66	C	2.0
62-64	C-	1.7
60-61	D	1.0
≤59	F (Failure)	0



Class Schedule

Date	Lecture	Reading	Online Teaching Arrangement
Day 1	Introduction and Supply and Demand(I)	Perloff, Chapter 1& 2	Approximately 70 to 90 minutes pre-recorded video lectures, plus, for the week, 150 minutes online interaction via Zoom and Wechat
Day 2	Supply and Demand (II)	Perloff, Chapter 2	Approximately 70 to 90 minutes pre-recorded video lectures
Day 3	Supply and Demand (III)	Perloff, Chapter 2	Approximately 70 to 90 minutes pre-recorded video lectures
Day 4	A Consumer's Constrained Choice	Perloff, Chapter 3	Approximately 70 to 90 minutes pre-recorded video lectures
Day 5	A Consumer's Constrained Choice (II)	Perloff, Chapter 3	Approximately 70 to 90 minutes pre-recorded video lectures
Day 6	Demand	Perloff, Chapter 4	Approximately 70 to 90 minutes pre-recorded video lectures, plus, for the week, 150 minutes online interaction via Zoom and Wechat
Day 7	Demand (II)	Perloff, Chapter 4	Approximately 70 to 90 minutes pre-recorded video lectures
Day 8	Consumer welfare and policy analysis	Perloff, Chapter 5	Approximately 70 to 90 minutes pre-recorded video lectures
Day 9	Firms and Production	Perloff, Chapter 6	Approximately 70 to 90 minutes pre-recorded video lectures
Day 10	Costs	Perloff, Chapter 7	Approximately 70 to 90 minutes pre-recorded video lectures
Day 11	Midterm Exam		
Day 12	Competitive Firms and Markets	Perloff, Chapter 8	Approximately 70 to 90 minutes pre-recorded video lectures, plus, for the week, 150 minutes online interaction via Zoom and Wechat
Day 13	Competitive Firms and Markets (II)	Perloff, Chapter 8	Approximately 70 to 90 minutes pre-recorded video lectures



Day 14	Monopoly	Perloff, Chapter 11	Approximately 70 to 90 minutes pre-recorded video lectures
Day 15	Game Theory	Perloff, Chapter 13	Approximately 70 to 90 minutes pre-recorded video lectures
Day 16	Oligopoly	Perloff, Chapter 14	Approximately 70 to 90 minutes pre-recorded video lectures, plus, for the week, 150 minutes online interaction via Zoom and Wechat
Day 17	Uncertainty	Perloff, Chapter 16	Approximately 70 to 90 minutes pre-recorded video lectures
Day 18	Property rights, Externalities	Perloff, Chapter 17	Approximately 70 to 90 minutes pre-recorded video lectures
Day 19	Asymmetric Information	Perloff, Chapter 18	Approximately 70 to 90 minutes pre-recorded video lectures
Day 20	Final Exam		