



Shanghai Jiao Tong University

EC107 Microeconomics

Term: May 29 – June 23, 2017

Instructor:

Home Institution:

Email:

Class Hours: Monday through Friday, 120 minutes each day

Discussion session: 2.5 hours each week

Total Contact Hours: 66 contact hours (45 minutes each, 3000 minutes in total)

Credit: 4 units

Course Description

This course provides an introduction to microeconomics. Neoclassical models of economic behavior, market structures, and market failures. Topics include: supply and demand analysis; consumer choice theory; firm behavior; market structures (perfect competition, monopoly, duopoly/oligopoly, and monopolistic competition) and positive and negative externalities.

Seeing the world through the eyes of an economist requires you to be familiar with specialized terms and instruments of the discipline. This introduction will confront you with the basic tools that economists use to analyze developments and constellations in the domestic and international economy. In addition to this, basic economic concepts of the discipline, their definitions and the relationship between them will be introduced in the course. Those are often concepts that we hear about in everyday life, read about in newspapers or that we may even use ourselves – frequently without thinking about their exact meaning. The course will enable you to handle those terms and methods in a proper and precise way and to help you understand economic phenomena.

Course Goals

A student who satisfactorily completes this course should

1. Master the concept of marginal analysis, including that of supply and demand analysis
2. Understand the differences and similarities of the various market structures
3. Develop an understanding of the motivations that underlie consumer and firm behaviors in a market economy framework
4. Understand the positive role played by government in a market-based economy



Required Text

Case, Karl, Ray Fair and Sharon Oster (2011) Principles of Microeconomics, 10th edition: Pearson Publishing. Print ISBN-10: 0131388851; Print ISBN-13: 978-0131388857; ASIN: B008UFXDME.

Electronic versions of the textbook are available via the Amazon.com Kindle store, Google books, etc.

Grading Policy

Letter grades of A, A-, B+, B, B-, C+, C, D, and F will be awarded. Most colleges and universities do not award transfer credit for grades of D or F.

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

In this course, grading will be based on the following

- ✧ 20% Homework (4 assignments, 5% each)
- ✧ 20% Quizzes (4 quizzes, 5% each)
- ✧ 25% Midterm exam
- ✧ 25% Final exam
- ✧ 10% Classroom engagement (attendance, attention, participation)

Course Policy

Additionally, Students are expected to

- ✧ Attend all classes and be responsible for all material covered in class and otherwise assigned.
- ✧ Complete the day's required reading and assignments before class.



- ✧ Review the previous day's notes before class; make notes about questions you have about the previous class or the day's reading.
- ✧ Refrain from texting, phoning or engaging in computer activities unrelated to class during class (不要用手机).
- ✧ Participate in class discussions and complete required written work on time.

Academic Honesty

Students are expected to maintain high standards of academic honesty. Specifically, unless otherwise directed by the professor, students may not consult other students, books, notes, electronic devices or any other source, on examinations. Failure to abide by this may result in a zero on the examination, or even failure in the course.

Course Schedule

WEEK ONE (May 29 – June 2):

Mon: Introductions	Read: Ch. 1 and Ch. 2
The Scope and Method of Economics	
The Economic Problem: Scarcity and Choice	
Tues: Demand, Supply, and Market Equilibrium (pt. 1)	Read: Ch. 3
Wed: Demand, Supply, and Market Equilibrium (pt. 2)	Read: Ch. 3
Thur: Quiz 1 – Chapters 1-3	
Demand and Supply Applications (pt. 1)	Read: Ch. 4
Fri: Demand and Supply Applications (pt. 2)	Read: Ch. 4 and 5
Elasticity (pt. 1)	

WEEK TWO (June 5 – June 9):

Mon: Elasticity (pt. 2)	Read: Ch. 5 Homework 1 due
Tues: Household Behavior and Consumer Choice	Read: Ch. 6
Wed: Quiz 2 – Chapters 4-6	
The Production Process: The Behavior of Firms	Read: Ch. 7
Thur: Profit-maximizing Firms	Read: Ch. 7 Homework 2 due
Fri: Midterm Exam – Chapters 1-7	

WEEK THREE (June 12 – June 16):

Mon: Short-run Costs and Output Decisions	Read: Ch. 8
Tues: Long-run Costs and Output Decisions	Read: Ch. 9
Wed: Input Demand: Labor, Land, and Capital Market (pt. 1)	Read: Ch. 10 Homework 3 due
Thurs: Quiz 3 – Chapters 7-10	



Input Demand: Labor, Land, and Capital Market (pt. 2) Read: Ch. 11
Fri: Perfect Competition Read: Ch. 12

WEEK FOUR (June 19 – June 23):

Mon: Monopoly Read: Ch. 13
Tues: Imperfect Competition: Duopoly, Oligopoly
and Monopolistic Competition Read: Ch. 14 and 15
Homework 4 due
Wed: Quiz 4 – Chapters 11-15
Externalities, Public Goods, and Social Choice Read: Ch. 16
Thur: International Trade, Comparative Advantage,
and Protectionism Read: Ch. 20
Fri: Final Exam – Chapters 1-16 and 20