

ECON2113 Microeconomics

2022-23 Fall, Department of Economics, HKUST

TIME AND LOCATION

Lecture Time: Tue/Thur 12:00-13:20 (L07) 13:30-14:50 (L08)

Lecture Location: Room 2302, Lift 17-18

Tutorial Time: Wen 09:30-10:20 (T07) 18:00-18:50 (T08)

Tutorial Location: Room 1104, Acad Concourse (T07), Room 1007, LSK (T08)

CONTACT INFORMATION

Instructor: Rui Tang (ruitang@ust.hk)

Office Hour: Thursday 17:00-18:00, LSK6082, or schedule on Zoom

TA: TBA

COURSE DESCRIPTION

Microeconomics studies markets based on decisions made by individual actors in an economy such as consumers, business firms and government, facing scarcity of resources. In this course, students will learn key concepts in microeconomics and basic tools to understand an allocation mechanism of markets.

COURSE MATERIALS

Textbook: “Microeconomics, edition: 14/E.” by Michael Parkin, published by Pearson International. Any additional materials will be included in lecture notes or posted separately on Canvas.

ASSESSMENT SCHEME

Problem sets: There are 5 problem sets posted every two weeks. Work in groups with 3 or 4 people; each group only needs to submit one copy. Students should form their own groups no later than Sep. 15. Answers are submitted through Canvas; late submission will be discounted. Each problem set will account for 4%.

Midterm: 30%, 18 Oct

Final: 50%, TBA

INTENDED LEARNING OUTCOMES (ILO)

Upon completion of this course, you will be able to:

- I. Understand and apply theories on markets: including the market price determination, the efficiency and fairness of market system, the conditions under which markets can perform well, and how the market will change in responding to changing environment. (PILO #4.1, 4.2, 4.3)
- II. Understand the framework to address the role of government and able to apply it: when and in which direction the government should intervene the markets, also how to evaluate the impact of relevant government’s policies on markets.(PILO #4.1,4.2,4.3)
- III. Understand consumers’ optimal decision making and apply it. (PILO #4.1,4.2, 4.3)
- IV. Understand firms’ optimal decision making under different market structure and apply it. (PILO #1.1, 1.2, 4.1,4.2,4.3)
- V. You may apply economic analysis to the real-life problems. (PILO #9)

COURSE FORMAT/TEACHING APPROACH

- I. Lectures: Learn key concepts and models and their applications (ILOs: 1,2,3,4,5)
- II. Tutorials: Review basic math, discuss answers to homework questions and additional economic issues (ILOs: 1,2,3,4,5)

ACADEMIC HONESTY AND INTEGRITY

Honesty and Integrity is central value in HKUST. Please be aware of the importance and maintain high standard of honesty in the problem sets and examinations in this course. Please familiarize yourself to the university rules and the HKUST academic honor code.¹ The code will be strictly enforced, and any violation cases will be reported to the university.

TENTATIVE COURSE SCHEDULE

Data	Session	Topics
Part I: <u>Introduction</u>		
1 Sep (Thur)	1	Chapter 1: What is Economics?
6 Sep (Tue)	2	Chapter 2: The Economic Problem
Part II: <u>How Markets Work</u>		
8 Sep (Thur)	3	Chapter 3: Demand and Supply (1)
13 Sep (Tue)	4	Chapter 3: Demand and Supply (2)
15 Sep (Thur)	5	Chapter 4: Elasticity (1)
20 Sep (Tue)	6	Chapter 4: Elasticity (2)
22 Sep (Thur)	7	Chapter 5: Efficiency and Equity
27 Sep (Tue)	8	Chapter 6: Government Actions in Markets
29 Sep (Thur)	9	Chapter 7: Global Markets in Action
Part III: <u>Households' Choices</u>		
6 Oct (Thur)	10	Chapter 8: Utility and Demand
11 Oct (Tue)	11	Chapter 9: Possibilities, Preferences, and Choices
13 Oct (Thur)		Midterm Review
18 Oct (Tue)		Midterm Exam
Part IV: <u>Firms and Markets</u>		
20 Oct (Thur)	12	Chapter 11: Output and Costs (1)
25 Oct (Tue)	13	Chapter 11: Output and Costs (2)
27 Oct (Thur)	14	Chapter 12: Perfect Competition (1)
1 Nov (Tue)	15	Chapter 12: Perfect Competition (2)
3 Nov (Thur)	16	Chapter 13: Monopoly
8 Nov (Tue)	17	Chapter 14: Monopolistic Competition
10 Nov (Thur)	18	Chapter 15: Oligopoly
15 Nov (Tue)	19	Chapter 16: Public Choices, Public Goods, and Healthcare
17 Nov (Thur)	20	Chapter 17: Externalities
22 Nov (Tue)	21	Chapter 20: Uncertainty and Information (1)
24 Nov (Thur)	22	Chapter 20: Uncertainty and Information (2)
29 Nov (Tue)		Final Review

¹<https://registry.hkust.edu.hk/resource-library/academic-honor-code-and-academic-integrity>