

CUHK (SZ)
Course Outline

1. Course Identity

A. Course as listed in CUHK (SZ)

The information in this block should be exactly as approved by the Senate. In case there are any differences, please explain below the table.

Course code	ECO2011
Course title (English)	Basic Microeconomics
Course title (Chinese)	基本個體經濟學
Units	3
Description (English)	This course covers the basic concepts of microeconomics. Major topics include: consumer preference and decision making, demand theory and applications, theory of the firm, perfect competition in partial equilibrium, monopoly, oligopoly, basic game theory, general competitive equilibrium, welfare economics, and market failure.
Description (Chinese)	本科講授個體經濟概念，主題包括：消費者偏好及決策、需求理論及應用、企業理論、局部均衡中之完全競爭、壟斷、寡頭壟斷、基本博奕論、一般競爭性均衡、福利經濟學及市場失靈。

B. Corresponding course in CUHK

Please give details of the *closest* corresponding course in CUHK (as approved by Senate and listed in course list). If the course in SZ maps to more than one course in CUHK, please make multiple copies of the block below.

Course code	ECON2011
Course title (English)	Basic Microeconomics
Course title (Chinese)	基本個體經濟學
Units	3
Description (English)	This course covers basic concepts in microeconomic theory. Major topics include: consumer preference and decision-making, demand theory and applications, theory of the firm, perfect competition in partial equilibrium, monopoly, oligopoly, basic game theory, general competitive equilibrium, welfare economics and market failure.
Description (Chinese)	本科講授個體經濟概念，主題包括：消費者偏好及決策、需求理論及應用、企業理論、局部均衡中之完全競爭、壟斷、寡頭壟斷、基本博奕論、一般競爭性均衡、福利經濟學及市場失靈。

2. Prerequisites / co-requisites

Please state prerequisites and co-requisites, in terms of courses in CUHK (SZ)* or any other requirements (e.g., having taken certain subjects in high school).

(* Because course codes may not yet be stable, please provide both course code and course title.)

A. Prerequisites

No prerequisite.

B. Co-requisites

No co-requisite.

3. Learning Outcomes

Upon completing this course, students will be able to:

1. Understand and explain basic economics concepts such as incentive, trade-off, comparative advantage and marginal costs.
2. Understand and apply the concepts of equilibrium and efficiency.
3. Use demand and supply to study markets and the effects of changing market conditions on market equilibrium.
4. Understand the definition of elasticity, calculate price elasticities and apply the concepts to explain behavior.
5. Understand and use indifference curves and the budget line to study consumer choices and the effects of changing market parameters.
6. Understand and use the isoquant and isocost lines to study the cost minimization of firm productions.
7. Determine firms' output in a competitive market in the short run and in the long run.
8. Understand and analyze deadweight loss and government interventions.
9. Understand the monopoly problem and how monopoly maximizes profit.

4. Course syllabus

0. Introduction

Principles of Economics

Comparative advantage

1. The Demand-Supply Model and its Applications

Demand and Supply

Equilibrium

Comparative Statics

Elasticity

2. Efficiency, Welfare and Market Failure

Consumer and Producer Surplus

Government Intervention

Externality

Public Goods and Common Resources

3. Supply Analysis
 Opportunity Cost
 Production and Cost Functions
 Profit-Maximization and Competitive Firms
 Monopoly

4. Additional Topics
 Indifference Curves and Consumer Choices
 Price Discrimination (Optional)

5. Assessment method

Component/ method	% weight
Assignments and Quizzes	25%
Mid-term Exam	25%
Final Exam	50%

The Mid-term Exam and the Final Exam will be closed-book and closed-note. No cheat sheet, mobile phones, computers, internet accessing or dictionaries will be allowed in the exams.

Grade Descriptor: SME Undergraduate Programme Courses

Grade	Overall course
A	Outstanding performance on all learning outcomes.
A-	Generally outstanding performance on all (or almost all) learning outcomes.
B+, B, B-	Substantial performance on all learning outcomes, OR high performance on some learning outcomes which compensates for less satisfactory performance on others, resulting in overall substantial performance.
C+, C, C-	Satisfactory performance on the majority of learning outcomes, possibly with a few weaknesses.
D+, D	Barely satisfactory performance on a number of learning outcomes
F	Unsatisfactory performance on a number of learning outcomes, OR failure to meet specified assessment requirements.

6. Feedback for evaluation

Formal Course and Teaching Evaluation
 Informal feedback to instructor and/or teaching assistant
 Departmental retreat and programme review

7. Reading

A. Required

1. Mankiw, Gregory N., 2017, *Principles of Economics*, 8th Edition, South Western Cengage Learning.

B. Recommended

2. Pindyck, S. Robert and Daniel Rubinfeld, *Microeconomics*, 9th Edition, Pearson: Prentice Hall, 2018

8. Course components

Activity	Hours /week
Lecture	3 hours /week
Tutorial	1 hour / week

9. Indicative teaching plan

Week	Content/ topic/ activity	Reading (Mankiw)	Reading (Pindyck)
1	Introduction	Ch. 01-02	Ch. 01
2	Comparative Advantage	Ch. 03	
3	Demand and Supply	Ch. 04	Ch. 02
4	Market Mechanism	Ch. 04	Ch. 02
5	Elasticity	Ch. 05	Ch. 02
6	Consumer and Producer Surplus	Ch. 07	Ch. 02
	Government Intervention	Ch. 06, 08-09	Ch. 09
7	Public Goods and Common Resources	Ch. 11	Ch. 18
8	Externality	Ch. 10	Ch. 18
9	Indifference Curves and Budget Lines	Ch. 21	Ch. 03
10	Consumer Choices	Ch. 21	Ch. 03
11	Production and Cost Minimization	Ch. 13	Ch. 06-07
12	Competitive Markets	Ch. 14	Ch. 08
13	Monopoly	Ch. 15	Ch. 10
14	Price Discrimination (Optional)	Ch. 15	Ch. 11

10. Implementation plan (2015–16)

11. Approval

12. Any other information

13. Version date

Version number	001
As of (date)	

Please save file as XXXXxxxx v-nnn yymmdd

XXXXxxxx = course code, e.g., MATH1212

nn = version number, e.g., 001 for version 1

yymmdd = date of this version, e.g., 131210