

Microeconomics II

Spring 2023

Instructor: Crystal Wong (黃賀寶)

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Office Hour: By appointment

Teaching Assistants:

[Before Mid-term](#)

Teaching Assistants:

TBA

Prerequisite:

Principles of Economics(I) 經濟學原理一

Calculus is required in this course.

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Principles of Economics (I) 經濟學原理一

Method of Instruction:

Lecture/Discussion

Course Website and Communication:

The course website is available through eLearn 數位學習平台 (<https://elearn.nthu.edu.tw>). I will post the course materials including the updated syllabus, lecture notes and problem sets on the eLearn platform. So please make sure you know how to access your account on the eLearn system and visit the course website.

Covid-19 Measure: *Important! Please follow!! 😊*

We might use Microsoft Team to conduct online classes, and in order for you to be able to rewatch the lecture video, you have to use an NTHU account and be a formal team member of my course. So if you have not already done so, please apply an account from NTHU using your student ID.

To register, please visit “Campus Lisensed Software Service”, and then click office365 register. (校園授權軟體下載系統-> Office365 帳號申請)

Course Website: courses materials are available on our course website in the eLearn system (eLearn 數位學習平台).

Course Description:

This is the second part of a two-semester course.

Economics is the study of human behavior. To understand how people can cooperate in social orders, and why they often cannot, we need to have a framework for understanding human action and its consequences.

Economics provides one such framework. Microeconomics has been applied to issues ranging from those expected in economics, such as what determines the price of consumer goods, to such things as how people vote, how much education they acquire, and how many children they have.

This course offers an introduction to the theory and methods of microeconomics. In the first semester, we will cover topics include the simple demand and supply framework, consumer choice and demand under constrained maximization; price and output determination of the firm, and the perfect competition model.

Mission of the College:

Our mission is to cultivate business leaders and managerial talent who serve our economy and industries with integrity.

Learning Objective:

Our graduates will understand basic economic theories.

Learning Goal:

Our students will understand the basic knowledge of behaviors of individual economic agents, such as consumers and firms.

Required Text:

Microeconomics with Calculus, Jeffrey M. Perloff (3th Global Edition) (ISBN-13: 978-0-273-78998-7)

Other useful references:

Varian, H. R. (2014). Intermediate microeconomics with calculus: a modern approach. WW Norton & Company.

Mas-Colell, A., Whinston, M. D., & Green, J. R. (1995). Microeconomic theory (Vol. 1). New York: Oxford University Press. (MWG)

The Applied Theory of Price, D. McCloskey (can be downloaded freely at:

<http://www.deirdremccloskey.com/docs/price.pdf>)

Tentative Schedule- Subject to Changes:

Topic	Chapter
Firms and Production	6
Costs	7
Competitive Firms and Markets	8
Market Equilibrium (a Mathematical approach)	2 & additional notes
Competitive Firms and Markets	8
Monopoly and Monopsony	11
Pricing and Advertising	12
Game Theory	13, MWG and additional notes
Oligopoly and Monopolistic Competition	14 & additional notes
Property Rights, Externalities, Rivalry and Exclusion	17

Exam:

The exams test the students' understanding of the models covered in class and their applications. They are *non-cumulative*.

The following are the dates for the exams:

Mid-term Exam:

TBA

Final Exam:

TBA

Grading:

The graded material in class will consist of 2 exams, and assignments roughly for each chapter covered.

Percentage	100
Midterm	40
Final Exam	40
Assignments	20

Your total score (out of 100) will be converted into a letter grade (also your GPA) based on the list below:

Letter Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	E	X
GPA	4.3	4.0	3.7	3.3	3.0	2.7	2.3	2	1.7	1	0	0
Score Range	100-90	89-85	84-80	79-77	76-73	72-70	69-67	66-63	62-60	59-50	49-1	0

Late or Missed Assignments:

Late assignments will not be accepted and students will receive a zero for any late/missed assignment.

The lowest grade assignment will be dropped.

Class Attendance:

Class attendance is not required but you are strongly encouraged to attend the lectures. It is difficult to perform well in the class without regular attendance. And I reserve the rights to give extra credits to students that show continuous effort in class, for instance through class participation and in- class pop-up quizzes.

Academic Integrity Statement:

I will enforce rigorous standards of academic integrity in all aspects and assignments of this course. Any student who commits any act of academic dishonesty will automatically fail this course and can be further punished according to the University's regulation.