



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	個體經濟分析(一)	學年/學期 Academic Year/Semester	112/1
課程名稱(英文) Course Name in English	Microeconomic Analysis (I)		
科目代碼 Course Code	EC_M5000	系級 Department & Year	碩士 Course-Offering Department
修別 Type	必修 Required	學分數/時間 Credit(s)/Hour(s)	3.0/3.0
授課教師 Instructor	/林奇蓉		
先修課程 Prerequisite			
課程描述 Course Description			
This course is designed for the first-year master students in economics. In this course, we will cover the basic topics of microeconomics including the consumer theory, the producer theory and the partial equilibrium markets. We will also venture into the theory of uncertainty and game.			
課程目標 Course Objectives			
The course has several objectives: (a) acquiring basic knowledge of modern microeconomic theory that you can further pursuit in higher level; (b) getting familiar with the use of theoretical tools in other topics in economics and finance; and (c) developing the ability to set up a model and to formally analyze economic issues.			
系專業能力 Basic Learning Outcomes			課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.'s Education Objectives
A	數理分析能力：通曉經濟學的進階理論技巧，應用數學與賽局解決經濟議題的能力。 Mathematical analysis skills: Mastering in intermediate application of mathematical theories and game theory in analyzing economic issues.		●
B	實證經濟分析能力：通曉經濟學的進階實證技巧，善用資訊科技進行資訊蒐集、資料統計與計量分析。 Empirical analysis skills: Mastering in intermediate application of statistics and econometrics in data collection and examination.		
C	微觀經濟之闡釋能力：通曉進階個體經濟學相關的理論與應用。 Microeconomic perspective: Thorough understanding of intermediate microeconomic theories and relevant application.		●
D	宏觀經濟之闡釋能力：通曉進階總體經濟學相關的理論與應用。 Macroeconomic perspective: Thorough understanding of intermediate macroeconomic theories and relevant application.		
E	自我調整適應社會之能力：具備適應現代社會的學養以及就業能力。 Employment opportunities: capabilities of working on important policy and decision challenges in business and government		
F	溝通表達能力：思路清晰，有能力與人溝通並撰寫進階專業研究報告。 Communication skills: Having a clear mind and capability in writing an intermediate professional academic report.		
圖示說明 Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated			
授課進度表 Teaching Schedule & Content			
週次 Week	內容 Subject/Topics		備註 Remarks

1	Lecture 0: Overview	
2	Lecture 1: Mathematical Review	
3	Lecture 2: Mathematical Review II	
4	Lecture 2: Mathematical Review II	
5	Lecture 3: Consumer Theory I	
6	The First Midterm Exam	
7	Lecture 4: Consumer Theory II	
8	Lecture 5: Topics in Consumer Theory	
9	Lecture 6: Theory of the Firm	
10	NDHU Sports Day: No Class	
11	Lecture 7: Some Production Functions and Cost Functions	
12	The Second Midterm Exam	
13	Lecture 8A: Partial Equilibrium	
14	Lecture 8A: Partial Equilibrium	
15	Lecture 8B: Partial Equilibrium	
16	Lecture 9: Uncertainty (optional)	
17	The Final Exam	
18	Review and Feedback	

教學策略 Teaching Strategies

- 課堂講授 Lecture
 分組討論 Group Discussion
 參觀實習 Field Trip
 其他 Miscellaneous:

教學創新自評 Teaching Self-Evaluation

創新教學(Innovative Teaching)

- 問題導向學習(PBL)
 團體合作學習(TBL)
 解決導向學習(SBL)
 翻轉教室 Flipped Classroom
 磨課師 Moocs

社會責任(Social Responsibility)

- 在地實踐 Community Practice
 產學合作 Industry-Academia Cooperation

跨域合作(Transdisciplinary Projects)

- 跨界教學 Transdisciplinary Teaching
 跨院系教學 Inter-collegiate Teaching

- 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

學期成績計算及多元評量方式 Grading & Assessments

配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績 General Performance	25%								
期中考成績 Midterm Exam	50%								
期末考成績 Final Exam	25%								
作業成績 Homework and/or Assignments									
其他 Miscellaneous (_____)									

評量方式補充說明

Grading & Assessments Supplemental instructions

Students are evaluated by the performance in quizzes (25%), two midterm exams and a final exam. The first midterm is scheduled on Oct. 18 (25%), the second midterm is scheduled on Nov. 29 (25%) and the final exam is scheduled on Jan. 03 (25%).

教科書與參考書目 (書名、作者、書局、代理商、說明)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

Textbooks: The following textbooks have relative strength. I will draw my lectures from the following textbooks to varying degrees.

*Jehle, G.A. and P.J. Reny, Advanced Microeconomic Theory (3rd Edition), Addison-Wesley, 2011.

*Luenberger, D.G., Microeconomic Theory, McGraw-Hill, 1994.

*Varian, H.R., Microeconomic Analysis, W. W. Norton & Company, 1992.

Mas-Colell, A., Whinston, M.D. and J.R. Green, Microeconomic Theory, Oxford University Press, 1995.

課程教材網址(含線上教學資訊, 教師個人網址請列位於本校內之網址)

Teaching Aids & Teacher's Website(Including online teaching information. Personal website can be listed here.)

其他補充說明 (Supplemental instructions)