



## 教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	個體經濟分析 (二)			學年/學期 Academic Year/Semester	101/1
課程名稱(英文) Course Name in English	Microeconomic Analysis(II)				
科目代碼 Course Code	EC__70000	系級 Department & Year	博士	開課單位 Course-Offering Department	經濟學系
修別 Type	必修 Required	學分數/時間 Credit(s)/Hour(s)		3.0/3.0	
授課教師 Instructor	/郭平欣				
先修課程 Prerequisite	/				
課程描述 Course Description					
<p>個體經濟學主要探討經濟體如何透過市場來解決生產與分配的問題。本課程將以先進的數學技巧，佐以經濟推理的直觀，分析市場經濟的社會福利效果，以及市場結構與市場失效對社會福利的影響。</p> <p>透過對市場經濟的分析，學生要學習應用經濟分析的數學技巧與直觀推理，知道如何解決在有限資源以及競爭者互動下的選擇問題，為未來撰寫論文奠定基礎。</p> <p>This course covers advanced techniques of microeconomic analysis that are used in state of the art economic research, treated from a general, critical, and rigorously mathematical standpoint.</p> <p>Focus on five main areas in microeconomic analysis: consumer theory, producer theory, choice under uncertainty, non-cooperative game theory, and economics of information. In addition to the analytical techniques, this course also emphasize the economic intuitions behind theories.</p>					
課程目標 Course Objectives					
<p>This course covers advanced techniques of microeconomic analysis that are used in state of the art economic research, treated from a general, critical, and rigorously mathematical standpoint.</p> <p>Focus on five main areas in microeconomic analysis: consumer theory, producer theory, choice under uncertainty, non-cooperative game theory, and economics of information. In addition to the analytical techniques, this course also emphasize the economic intuitions behind theories</p>					
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	Classical Demand Theory				
2	Classical Demand Theory				
3	Classical Demand Theory				
4	Production				
5	Production				
6	Choice under Uncertainty				
7	Choice under Uncertainty				
8	Basic Elements of Non-Cooperative Games				
9	期中考試週 Midterm Exam				
10	Simultaneous-Move Games				



11	全校運動	
12	Dynamic Games	
13	The Principal-Agent Problem	
14	Auctions and Bidding	
15	Incentives and Mechanism Design	
16	元旦	
17	Nonlinear pricing and Optimal auction design	
18	期末考試週 Final Exam	

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:

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									
期中考成績 Midterm Exam	50%	✓							
期末考成績 Final Exam	50%	✓							
作業成績 Homework and/or Assignments									
其他 Miscellaneous (_____)									

評量方式補充說明  
Grading & Assessments Supplemental instructions

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.)

教科書

Andreu Mas-Colell, Michael D. Whinston, and Jerry R. Green, Microeconomic Theory

課程教材網址 (教師個人網址請列在本校內之網址)  
Teaching Aids & Teacher's Website (Personal website can be listed here.)

其他補充說明 (Supplemental instructions)