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國立東華大學

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	100/1
課程名稱(英文) Course Name in English	Microeconomic Analysis(II)				
科目代碼 Course Code	IIE_58000	系級 Department & Year	碩士	開課單位 Course-Offering Department	經濟學系
修別 Type	選修 Elective	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

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。
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。

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.

Focus on five main areas in microeconomic analysis: consumer theory, producer theory, choiceunder uncertainty, non-cooperative game theory, and economics of information. In addition to the analytical techniques, this course also emphasize the economic intuitions behind theories.

課程目標　Course Objectives

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. 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.

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	國慶日	
5	Production	
6	Production	
7	Choice under Uncertainty	
8	Choice under Uncertainty	
9	期中考試週 Midterm Exa	
10	Basic Elements of Non-Cooperative Games	

11	Simultaneous-Move Games	
12	Dynamic Games	
13	Dynamic Games	
14	The Principal-Agent Problem	
15	Auctions and Bidding	
16	Incentives and Mechanism Design	
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)