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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	104/1
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

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	Summer	
2	mathematical fundation	
3	mathematical fundation	
4	Classical Demand Theory	
5	Classical Demand Theory	
6	Classical Demand Theory	
7	Production	
8	Production	
9	Midterm Exam	
10	Choice under Uncertainty	
11	Choice under Uncertainty	

12	Choice under Uncertainty	
13	Basic Elements of Non-Cooperative Games	
14	Basic Elements of Non-Cooperative Games	
15	Simultaneous-Move Games	
16	Dynamic Games	
17	Auctions and Bidding	
18	期末考試週 Final report	

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	25%			✓					
期中考成績 Midterm Exam	25%	✓							
期末考成績 Final Exam	25%			✓					
作業成績 Homework and/or Assignments	25%								
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 Theor

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)