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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（三）			學年/學期 Academic Year/Semester	104/2
課程名稱(英文) Course Name in English	Microeconomic Analysis(III)				
科目代碼 Course Code	EC__70300	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	/梁文榮				
先修課程 Prerequisite					

課程描述　Course Description

This course aims to teach students Microeconomic theories and their applications, and to promote the students to have the ability to engage in researches. The content consists of the theories and models on regional economics, industrial economics, and international trade.

課程目標　Course Objectives

1教授學生對個體經濟理論與模型的了解與應用
2 培育具備獨立研究能力的高級學術人才

	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 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 application of statistics and econometrics in data collection and examination	
C	微觀經濟之闡釋能力：通曉個體經濟學相關的理論與應用。Microeconomic perspective: Thorough understanding of microeconomic theories and relevant application	●
D	宏觀經濟之闡釋能力：通曉總體經濟學相關的理論與應用。Macroeconomic perspective: Thorough understanding of macroeconomic theories and relevant application	
E	樂活能力：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專業研究報告。Communication skills: Having a clear mind and profound ability in presenting professional academic research	

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	Introduction; Hotelling, H., 1929. Stability in Competition, Economic Journal 39, 41-57.	

2	D' Aspremont, C., J. Gabzewicz, and J.-F., Thisse, 1979, "On Hotelling' s Stability in Competition," Econometrica 47, 1145-50. Liang, W.J., and C.C. Mai, 2006, "Validity of the Principle of Minimum Differentiation under Vertical Subcontracting," Regional Science and Urban Economics 36, 373-84.	
3	Liang, W.J., H. Hwang, and C.C. Mai, 2006, "Spatial Discrimination: Bertrand vs. Cournot with Asymmetric Demands," Regional Science and Urban Economics 36, 790-802.	
4	Rothschild, R., J.S. Heywood, and K. Monaco, 2000, "Spatial Price Discrimination and the Merger Paradox," Regional Science and Urban Economics 30, 491-506. Pal, D., 1998, " Does Cournot competition yield spatial agglomeration?" Economics Letters 60, 49－53	
5	Hamilton, J. H., J.-F Thisse, and A. Weskamp, 1989, "Spatial Discrimination: Bertrand vs. Cournot in a Model of Location Choice," Regional Science and Urban Economics 19, 87-102. Liang, W.J, Y.J. Lin, and H. Hwang, 2012, "Heterogeneous Duopoly, Spatially Discriminatory Pricing and Optimal Location," Annals of Regional Science 49: 3, 845-860.	
6	Wang, K.C.A., H.R., Din, and W.J. Liang, 2014, "Spatial Competition and Flexible Manufacturing with Spatially Discriminatory Pricing," Annals of Regional Science, 53: 1, 295-314.	
7	Motta, M., 1993, "Endogenous Quality Choice, Price vs. Quantity Competition, Journal of Industrial Economics 1, 113-31. Hackner, J., 2000, " A Note on Price and Quantity Competition in Differentiated Oligopolies," Journal of Economic Theory 93, 233239.	
8	Singh, N., and X. Vives, 1984 , "Price and Quantity Competition in a Differentiated Duopoly," Rand Journal of Economics 15, 546-54. Lin, P., and K. Saggi, 2002, "Product Differentiation, Process R&D, and the Nature of Market Competition," European Economic Review 46, 201-11.	
9	期中考試週 Midterm Exam	
10	Brander, J.A., and T.R., Lewis, 1986, "Oligopoly and Financial Structure: The Limited Liability Effect," American Economic Review 76: 5, 956-970.	
11	Miller, N., and Pazgal, A., 2001, "The Equilivance of Price and Quantity Competition with Delegation," Rand Journal of Economics 32, 284-301. Arya,A., B. Mittendorf, and D.E.M. Sappington, 2008, "The Make-or-Buy Decision in the Presence of a Rival: Strategic Outsourcing to a Common Supplier," Management Science 54: 10, 1747-1758.	
12	Muto, S., 1993, "On Licensing Policies in Bertrand Competition," Games and Economic Behavior, 5, 257-267. Filippini (2005), "Licensing Contract in a Stackelberg model," The Manchester School, 73, 582-598.	
13	Brander, J.A., and B.J. Spencer, 1985, "Export Subsidies and International Market Share Rivalry," Journal of International Economics 18, 83-100. Eaton, J., and G. Grossman, 1986, "Optimal Trade and Industrial Policy under Oligopoly," Quarterly Journal of Economics 101, 383-406.	
14	Brander, J.A., and B.J. Spencer, 1981, "Tariffs and the Extraction of Foreign Monopoly Rents Under Potential Entry," Canadian Journal of Economics 14, 371-89.	
15	Liang, W.J, and C.C. Mai, 2010, "Optimal Trade Policy with Horizontal Differentiation and Asymmetric Costs," Review of Development Economics 14:2, 302-310.	

16	Sinha, U.B., 2010, "Strategic Licensing, Exports, FDI, and Host Country Welfare," Oxford Economic Papers 62, 114-131. Wang, K.C.A., C.C. Tseng, and W.J. Liang*, 2015, "Patent Licensing in the Presence of Trade Barriers," Japanese Economic Review, forthcoming.	
17	Melitz, M.J., 2003, "The Impact of Trade on Intra-industry Reallocation and Aggregate Industry," Econometrica 71, 1695-1725	
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: 上台報告

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	30%			✓	✓				
期中考成績 Midterm Exam									
期末考成績 Final Exam									
作業成績 Homework and/or Assignments	40%								作業
其他 Miscellaneous (term paper)	30%				✓	✓	✓		

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.)

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)