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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	區域與產業經濟學（一）			學年/學期 Academic Year/Semester	109/1
課程名稱(英文) Course Name in English	Regional and Industrial Economics (I)				
科目代碼 Course Code	EC__76360	系級 Department & Year	博士	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	/梁文榮				
先修課程 Prerequisite					

課程描述 Course Description

This course aims to teach students on theories in Regional Economics and Industrial Economics and their applications. We target to train students to be capable of doing research independently. The content consists of theories and models on regional economics and industrial economics, which are published in known journals.

課程目標 Course Objectives

This course aims to teach students on theories in Regional Economics and Industrial Economics and their applications. We target to train students to be capable of doing researches independently. The content consists of theories and models on regional economics and industrial economics, which are published in known journals.

	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：通曉經濟學的高階理論技巧，應用數學與賽局解決經濟議題的能力。Mathematical analysis skills: Mastering in advanced application of mathematical theories and game theory in analyzing economic issues.	●
B	實證經濟分析能力：通曉經濟學的高階實證技巧，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 advanced application of statistics and econometrics in data collection and examination	
C	微觀經濟之闡釋能力：通曉高階個體經濟學相關的理論與應用。Microeconomic perspective: Thorough understanding of advanced microeconomic theories and relevant application	●
D	宏觀經濟之闡釋能力：通曉高階總體經濟學相關的理論與應用。Macroeconomic perspective: Thorough understanding of advanced macroeconomic theories and relevant application	
E	樂活能力：具備適應現代社會的高階學養以及就業能力。Employment opportunities: Capabilities of advanced 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高階專業研究報告。Communication skills: Having a clear mind and profound ability in presenting advanced 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.	
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	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.	
5	Rothschild, R., J.S. Heywood, and K. Monaco, 2000, "Spatial Price Discrimination and the Merger Paradox," Regional Science and Urban Economics 30, 491-506.	
6	Pal, D., 1998, " Does Cournot competition yield spatial agglomeration?" Economics Letters 60, 49－53	
7	Anderson, S., and D. Neven, 1991. Cournot Competition Yields Spatial Agglomeration, International Economic Review 32, 793-808.	
8	Motta, M., 1993, "Endogenous Quality Choice, Price vs. Quantity Competition, Journal of Industrial Economics 1, 113-31.	
9	期中考試週 Midterm Exam	
10	Hackner, J., 2000, " A Note on Price and Quantity Competition in Differentiated Oligopolies," Journal of Economic Theory 93,233 239.	
11	Singh, N., and X. Vives, 1984 , "Price and Quantity Competition in a Differentiated Duopoly," Rand Journal of Economics 15, 546-54.	
12	Lin, P., and K. Saggi, 2002, "Product Differentiation, Process R&D, and the Nature of Market Competition," European Economic Review 46, 201-11.	
13	Brander, J.A., and T.R., Lewis, 1986, "Oligopoly and Financial Structure: The Limited Liability Effect," American Economic Review 76: 5, 956-970.	
14	Miller, N., and Pazgal, A., 2001, "The Equilivance of Price and Quantity Competition with Delegation," Rand Journal of Economics 32, 284-301.	
15	Muto, S., 1993, "On Licensing Policies in Bertrand Competition," Games and Economic Behavior, 5, 257-267.	
16	Filippini (2005), "Licensing Contract in a Stackelberg model," The Manchester School, 73, 582-598.	
17	Sinha, U.B., 2010, "Strategic Licensing, Exports, FDI, and Host Country Welfare," Oxford Economic Papers 62, 114-131.	
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: term paper
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 Industy-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	50%			✓					
期中考成績 Midterm Exam									
期末考成績 Final Exam									
作業成績 Homework and/or Assignments									
其他 Miscellaneous (term paper)	50%				✓				

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(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)