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②国o支束華大學 教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	區域與產業經濟	ester	109/1					
課程名稱(英文) Course Name in English	Regional and Industrial Economics (I)							
科目代碼 Course Code	EC50470	系級 Department & Year預ま單位 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 Cours	e Descrip	otion				
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.								
案專業能力課程目標與系專業 力相關性S專業能力Correlation betwee Course Objective and Dept.'s Education Objectives								
數理分析能力:通曉經濟學的進階理論技巧,應用數學與賽局解決經濟議題的能力。A. A Mathematical analysis skills: Mastering in intermediate application of mathematical theories and game theory in analyzing economic issues.								
實證經濟分析能力:通曉經濟學的進階實證技巧,善用資訊科技進行資訊蒐集、資料統計與計量 B 分析。Empirical analysis skills: Mastering in intermediate application of statistics and econometrics in data collection and examination								
 微觀經濟之闡釋能力:通曉進階個體經濟學相關的理論與應用。Microeconomic perspective: C Thorough understanding of intermediate microeconomic theories and relevant ● application 								
 樂活能力:具備適應現代社會的進階學養以及就業能力Employment opportunities: Capabilities of intermediate working on important policy and decision challenges in business and government 								
溝通表達能力:思路清晰,有能力與人溝通並撰寫進階專業研究報告。Communication skills: F Having a clear mind and capability in writing an intermediate professional academic eport								
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								

1Introduction; Hotelling, H., 1929. Stability in Competition, Economic Journal 39, 41-57.2D'Aspremont, C., J. Gabzewicz, and JF., Thisse, 1979, "On Hotelling's Stability in Competition," Econometrica 47, 1145-50.3Liang, W. J., H. Hwang, and C. C. Mai, 2006, "Spatial Discrimination: Bertrand vs. Cournot with Asymmetric Demands," Regional Science and Urban Economics 36, 790-802.4Liang, W. J., and C. C. Mai, 2006, "Validity of the Principle of Minimum Differentiation under Vertical Subcontracting," Regional Science and Urban Economics 36, 373-84.8Rothschild, R., J. S. Heywood, and K. Monaco, 2000, "Spatial Price	
ZHotelling's Stability in Competition," Econometrica 47, 1145-50.Liang, W.J., H. Hwang, and C.C. Mai, 2006, "Spatial3Discrimination: Bertrand vs. Cournot with Asymmetric Demands," Regional Science and Urban Economics 36, 790-802.4Liang, 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.	
3Discrimination: Bertrand vs. Cournot with Asymmetric Demands," Regional Science and Urban Economics 36, 790-802.4Liang, 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.	
4 Minimum Differentiation under Vertical Subcontracting," Regional Science and Urban Economics 36, 373-84.	
Rothschild, R., J.S. Heywood, and K. Monaco, 2000, "Spatial Price	
5 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.	
Lin, P., and K. Saggi, 2002, "Product Differentiation, Process R&D, and the Nature of Market Competition," European Economic Review 46, 201-11.	
Brander, J.A., and T.R., Lewis, 1986, "Oligopoly and Financial Structure: The Limited Liability Effect," American Economic Review 76: 5, 956-970.	
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: <u>term_paper</u>						
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 産學合作 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	配分比例	配分比例 多元評量方式 Assessments							
Items	Percentage	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(含出缺席) General Performance (Attendance Record)	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%				~				
	Grading & A		量方式 ents Sup			ruction	S	· · · ·	
Textbook & Ot	教科書與參考 her Reference							ks, etc.)	
	教材網址(含線 .ds & Teacher'	s Websi		uding o	nline t	eaching			
	rersor	ial webs	site cal		steu ner	e.)			
其他補充說明(Supplemental instructions)									