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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	100/2
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, 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

課程主要介紹一般均衡（General Equilibrium）的理論與應用。大致分成四大部分：純交易經濟（Pure Exchange Economy）、生產經濟體系（Production Economy）、政府部門（Governments）以及一般均衡模型之應用。
內容先探討同質消費者與異質消費者的交易均衡（均衡的存在、特質）以及比較靜態分析（資源稟賦、偏好對於均衡的影響）。接著引進生產要素，如勞動力、資本與土地等。再來將政府部門納入模型，以進行政策分析如課稅、關稅（兩個政府的情境）等，以論述政府之角色，探討其政策對於經濟體系的影響。最後介紹一般均衡模型在各領域的應用。隨課堂進度將會補充介紹學習所需的背景數學：Topological concepts in Euclidean space、Convexity、Classical Optimization、 Dual approach for General Equilibrium。

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., H. Hwang, and C.C. Mai, 2006, "Spatial Discrimination: Bertrand vs. Cournot with Asymmetric Demands," Regional Science and Urban Economics 36, 790-802.	
3	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.Anderson, S., and D. Neven, 1991. Cournot Competition Yields Spatial Agglomeration, International Economic Review 32, 793-808.	
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. Gandal N., and O. Shy, 2001, "Standardization Policy and International Trade," Journal of International Economics 53, 363-83..	

5	Justman, M., J-F Thisse, and T.V. Ypersede, 2002, “Taking the Bite Out of Fiscal Competition, Journal of Urban Economics 52, 294-315. Singh, N., and X. Vives, 1984 , “Price and Quantity Competition in a Differentiated Duopoly,” Rand Journal of Economics 15, 546-54.	
6	Motta, M., 1993, “Endogenous Quality Choice, Price vs. Quantity Competition, Journal of Industrial Economics 1, 113-31. Lin, P., and K. Saggi, 2002, “Product Differentiation, Process R&D, and the Nature of Market Competition,” European Economic Review 46, 201-11.	
7	holiday off.	
8	Miller, N., and Pazgal, A., 2001, “The Equilivance of Price and Quantity Competition with Delegation,” Rand Journal of Economics 32, 284-301. Liang, W.J., and C.C. Mai, 2009, “Optimal Export Policy under Bertrand Competition with HorizontalDifferentiation and Asymmetric Costs,” Review of Development Economics, forthcoming.	
9	期中考試週 Midterm Exam	
10	Poddar, S., and U. B. Sinha, 2010, “Patent Licensing from a High-Cost Firm to a Low-Cost Firm,” Economic Record 86, 384-395; Sinha, U.B., 2010, “Strategic Licensing, Exports, FDI, and Host Country Welfare,” Oxford Economic Papers 62, 114-131	
11	Sinha, U.B. (2010), “Strategic Licensing, Exports, FDI, and Host Country Welfare,” Oxford Economic Papers, 62, 114-131. Filippini (2005), “Licensing Contract in a Stackelberg model,” The Manchester School, 73, 582-598.	
12	Muto, S., 1993, “On Licensing Policies in Bertrand Competition,” Games and Economic Behavior, 5, 257-267. Poddar, S., and U.B. Sinha, 2004, “On Patent Licensing in Spatial Competition,” Economic Record, 80, 208-218.	
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.Brander, J.A., and B.J. Spencer, 1984a, “Trade Welfare: Tariffs and Cartels,” Journal of International Economics 16, 227-42.	
15	Krugman, P.R., 1991, “Increasing Return and Economic Geography,” Journal of Political Economy 99, 483-499.	
16	Melitz, M.J., 2003, “The Impact of Trade on Intra-industry Reallocation and Aggregate Industry,” Econometrica 71, 1695-1725.	
17	Cole M.T., and R.B.Davies, 2011, "Strategic tariffs, tariff jumping,and heterogeneous firms," European EconomicReview 55, 480-496.	
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	60%			✓	✓				
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)	40%					✓	✓		

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)