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## ②國玄東華大學

# 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		102/2	
課程名稱(英文) Course Name in English	Microeconomic Analysis(III)						
科目代碼 Course Code	IIE_61700	系級 Department 碩士 & Year		開課單位 Course-Offering Department		經濟學系	
修別 Type	選修 Elective	學分數/時 Credit(s)/Hou		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	•
В	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	
С	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	0
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	
Е	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 governmen	
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 capability in writing a professional academic report	

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 JF., 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. Rothschild, R., J.S. Heywood, and K. Monaco, 2000, "Spatial Price Discrimination and the Merger Paradox," Regional Science and Urban Economics 30, 491-506.
4	Pal, D., 1998, "Does Cournot competition yield spatial agglomeration?" Economics Letters 60, 49-53 Gandal N., and O. Shy, 2001, "Standardization Policy and International Trade," Journal of International Economics 53, 363-83
5	Anderson, S., and D. Neven, 1991. Cournot Competition Yields Spatial Agglomeration, International Economic Review 32, 793-808. 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	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, 2330239.
7	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.
8	Brander, J.A., and T.R., Lewis, 1986, "Oligopoly and Financial Structure: The Limited Liability Effect," American Economic Review 76: 5, 956-970.  Spencer, B. J. and J. A. Brander, 1992, "Pre-commitment and Flexibility," European Economic Review, 36, 1601-1626.
9	期中考試週 Midterm Exam
10	Miller, N., and Pazgal, A., 2001, "The Equilivance of Price and Quantity Competition with Delegation," Rand Journal of Economics 32, 284-301.  Poddar, S., and U. B. Sinha, 2010, "Patent Licensing from a High-Cost Firm to a Low-Cost Firm," Economic Record 86, 384-395.
11	Filippini (2005), "Licensing Contract in a Stackelberg model," The Manchester School, 73, 582-598. Wang, K.C.A., W.J. Liang, and C.H.A. Lin, 2012, "Licensing under Network Externalities," Economic Record, 88: 283, 585-593.
12	Muto, S., 1993, "On Licensing Policies in Bertrand Competition," Games and Economic Behavior, 5, 257-267. Din, H.R., K.F. Kao, and W.J. Liang, 2012, "Patent Licensing and Double Marginalization in Vertically Related Markets," Taiwan Economic Review 41: 1, 27-47.
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.  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.

15	Deltas, G., A. Salvo, and H. Vasconcelos, 2012, "Consumer-surplus-enhancing Collusion and Trade," RAND Journal of Economics 43: 2, 315-328. Sinha, U.B., 2010, "Strategic Licensing, Exports, FDI, and Host Country Welfare," Oxford Economic Papers 62, 114-131									
16	Krugman, P.R., 1991, "Increasing Return and Economic Geography," Journal of Political Economy 99, 483-499.									
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	Discuss	sion	参	觀實習	Field Tr	rip
✓ 其他Mis	scellaneous: <u>上台</u>	報告								
		學期成績計算	草及多元	評量方式	₹ Gradi	ng & As	sessmen	ts		
配	分項目	配分比例	mles	n 2 11 .		多元評量		,		
	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)		60%			<b>~</b>	<b>~</b>				
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%				<	<b>&gt;</b>	~		
評量方式補充說明 Grading & Assessments Supplemental instructions										
	Textbook & Oth	教科書與參考 mer References					-		as, 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)										