



課 綱 Course Outline
經濟學系碩士班國際組

中文課程名稱 Course Name in Chinese	個體經濟分析(二)				
英文課程名稱 Course Name in English	Microeconomic Analysis (II)				
科目代碼 Course Code	EC__M7000	班 別 Degree	碩士班 Master' s		
修別 Type	選修 Elective	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite					
課程目標 Course Objectives					
This course aims to fulfill two targets. First, it provides students with advanced knowledge on the field of Microeconomics, consisting of the cost and production, the structure of markets, and game theories. Second, it offers students the skills of doing theoretical research by reading some essential literature.					
系教育目標 Dept.' s Education Objectives					
1	培育具學術深造潛力及實務發展能力的優秀經濟人才。 Educate postgraduate students with professional knowledge and empirical skills for further academic research.				
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：通曉經濟學的進階理論技巧，應用數學與賽局解決經濟議題的能力。 Mathematical analysis skills: Mastering in intermediate 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、資料統計與計量分析。 Empirical analysis skills: Mastering in intermediate application of statistics and econometrics in data collection and examination.				
C	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: Thorough understanding of intermediate microeconomic theories and relevant application.			●	

D	宏觀經濟之闡釋能力：通曉進階總體經濟學相關的理論與應用。 Macroeconomic perspective: Thorough understanding of intermediate macroeconomic theories and relevant application.	
E	自我調整適應社會之能力：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進階專業研究報告。 Communication skills: Having a clear mind and capability in writing an intermediate professional academic report.	
圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated		
課程大綱 Course Outline		
1. Profit Maximization, and Profit Function (Varian, ch. 2 and 3) 2. Cost Minimization, and Cost Function (Varian, ch. 4 and 5) 3. Competitive Market, and Monopoly (Varian, ch. 13 and 14) 4. Game Theory (MasColell et al., ch. 8 and 9) 5. Oligopoly (Varian, ch. 16) 6. Some literature on the fields of Regional Economics and Industrial Organization		
資源需求評估（師資專長之聘任、儀器設備的配合．．．等） Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)		
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods		
The students have to learn the Microeconomics in the master program prior to taking this course.		
其他 Miscellaneous		
Varian, H.R., Microeconomic Analysis, 3rd ed., W.W. Norton & Company, 1992. Mas-Colell, A., M.D. Whinston, and J.R. Green, Microeconomic Theory, 3rd ed., Oxford University Press, 1995.		