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②图玄束華大學

教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	應用計量經濟學	<u>.</u>		學年/學期 Academic Year/Semester		105/2		
課程名稱(英文) Course Name in English	Applied Econometrics							
科目代碼 Course Code	IIE_58400	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/時間 Credit(s)/Hour(s)		3.0/3.0				
授課教師 Instructor	/羅德芬							
先修課程 Prerequisite								

課程描述 Course Description

This is a graduate level course to empirical research on microeconometrics. We will explore the methods of data processing as well as several econometric models, mainly focus on cross sectional data and panel data. Topics include software operation, data management, and empirical estimation for microeconomic data.

For each topic, we have quick in-class exercises for your practice. Students will be trained to be familiar with the usage of econometric softwares, and to have the ability to do empirical research independently.

課程目標 Course Objectives

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	
2	Stata Basics	
3	Stata Basics (Continued)	
4	Advanced Stata	
5	Advanced Stata (Continued)	
6	Data Management (Continued)	
7	Data Management	
8	Ordinary Least Squares	
9	Ordinary Least Squares (Continued)	
10	Instrumental Variables	
11	Instrumental Variables (Continued)	
12	Hypothesis Tests	

13	Stata Programming									
14	Stata Programming (Continued)									
15	Maximum Likelihood Estimation									
16	Maximum Likelih	ood Estimatic	n (Cont	tinued)						
17	Binary Response Model									
18	Final Exam									
教 學 策 略 Teaching Strategies										
→ 課堂講授 Lecture 分組討論Group Discussion 参觀實習 Field Trip										
 其他Mis	scellaneous:									
學期成績計算及多元評量方式 Grading & Assessments										
	配分項目 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 Ge Performance		10%								
期中考成績	Midterm Exam									
期末考成績	Final Exam									
作業成績 Homework and/or Assignments		90%		~						
其他 Miscel	llaneous _)									
		Grading & A		量方式を ents Sup			ruction	S		
		ordaring a r		ance cup	promorro	ar 1110 t	1 40 0101			
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.)										
Tenescon & Const Research (11010, Interior, In										
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)										
* The weekly schedule is subject to change depending upon the progress of the class.										