南台科技大學 98 學年度第 2 期課程資訊

課程名稱	計量方法與應用
課程編碼	60M04601
系所代碼	06
開課班級	碩研國企一甲
開課教師	朱美琴
學分	3.0
時數	3
上課節次地點	一 2 3 4 教室 S509
必選修	必修
課程概述	此課程將可協助學生進行迴歸方面的分析。
課程目標	The course is designed to train students to use econometric methods to precede empirical economic analysis. This course will examine the basic econometric concepts, theoretical frameworks and its applications. Furthermore, an econometric computer software will be used for in-class and after-class exercises. It is required to have basic statistics knowledge.
課程大綱	1. Introduction to econometrics (CH1) 2. Two-Variable Regression Analysis (CH6-7) 3. Multiple Regression Analysis (CH8) 4. Functional form of regression models 5. Dummy variable regression models 6. Model selection: criteria and tests 7. Multicollinearity 8. Heteroscedasticity 9. Autocorrelation 10. Advanced topics in econometrics
英文大綱	1. Introduction to econometrics (CH1) 2. Two-Variable Regression Analysis (CH6-7) 3. Multiple Regression Analysis (CH8) 4. Functional form of regression models 5. Dummy variable regression models 6. Model selection: criteria and tests 7. Multicollinearity 8. Heteroscedasticity 9. Autocorrelation 10. Advanced topics in econometrics
教學方式	課堂教授,分組討論,口頭報告,實務操作,
評量方法	自行設計測驗,作業／習題練習,口頭報告,課堂討論,課程參與度(出席率),

指定用書	Essentials of Econometrics (3rd Ed.)
參考書籍	1. Wooldridge, J.M.(2000): Introductory Econometrics--A Modern Approach, South-Western College Publishing, United States. 2. Hill, R.C., W.E. Griffiths, and G.G. Judge (2001), Undergraduate Econometrics (2nd), John Wiley and Sons. Inc. 3. Pindyck, R.S. and D.L. Rubinfeld (1998), Econometric Model and Economic Forcasts, McGraw-Hill.
先修科目	
教學資源	投影片、教學網頁
注意事項	上課不可遲到、喧嘩。
全程外語授課	0
授課語言 **1**	華語
授課語言 **2**	
輔導考照 **1**	
輔導考照 **2**	