



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	統計分析導論		學年/學期 Academic Year/Semester	103/1
課程名稱(英文) Course Name in English	An introduction to statistical analysis			
科目代碼 Course Code	FIN_52630	系級 Department & Year	碩士	開課單位 Course-Offering Department
財務金融學系				
修別 Type	選修 Elective	學分數/時間 Credit(s)/Hour(s)	1.0/1.0	
授課教師 Instructor	/林金龍			
先修課程 Prerequisite				
課程描述 Course Description				
<p>This course aims at refreshing the students with the statistical methods frequently used in management science and developing the skills for quantitative analysis. Mastering one statistical software is another goal.</p> <p>One can never really master statistics and econometrics without getting his/her hand dirty. Real data using some statistical package is considered as an essential part of this course. I shall give empirical data analysis during the lectures and assign computer-related home work. For this purpose, I shall teach and ask students to learn and use $\text{\textit{R}}$, a powerful statistical and yet free package. It can be downloaded from</p> <p>http://www.r-project.org</p>				
課程目標 Course Objectives				
<p>協助研究所新生複習統計分析的基礎理論及熟悉統計軟體的使用，奠定學習統計分析及其他數量分析課程的基礎。 This course aims at refreshing the statistical methods frequently used in management science and developing the skills for quantitative analysis. Mastering one statistical software is another goal.</p>				
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	具備財務金融的分析能			●
B	具備企業財務管理專業能力			
C	具備英語閱讀溝通協調等能力			○
D	具備獨立研究之技能，以進行財金議題研究			●
E	具備個人投資理財能力			○
F	具備電腦程式運算及設計能力			●
圖示說明 Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated				

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.)

1. D. D. Wackerly, W. M. Mendenhall and R. S. Sincoff (2002), *Mathematical Statistics with Applications*, 6th ed. Wiley.
2. John Verzani, (2002), *Using R for Introductory Statistics*, available at <http://cran.r-project.org/doc/contrib/Verzani-SimpleR.pdf>

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.)

faculty.ndhu.edu.tw/~jlin

其他補充說明 (Supplemental instructions)