

開南管理學院 94 年度第 2 學期 企業管理 教學計劃表

科目代碼	科目名稱	授課教師	修別	開課年級	學分數	每週時數
1711M1260	中文：統計方法	黃興錫(Hwang Heung Suk)	必	碩士班 (EMBA)	3	3
	英文：Project Management	先修課程	無			
教學目標與內容	This lecture teaches the principles of business statistics methods and its applications. 1) To understand basic statistical method for business allocation, 2) To understand the probability concept estimation methods and its application, 3) To learn regression, time series models, and statistical process control, 4) Practices statistical analysis problems using Microsoft Excel software for application study.					
實施方法	講授及學生演習, 討論					
評量方式	期中考 30%, 期末考 40%, 報告及書面作業 20%, 平時出席 10%					
授課使用及參考書籍	1. 萬美淑, 徐享田, 蕭敦勝, 王若愚 共譯, “實用統計學”, 新文京開發出版, 2003. (1) 劉明德, 陳哲炯, 徐惠莉, 外, 編著, “統計學(Statistics)”, 全華科技圖書, 2004. (2) 馬秀蘭, 吳德邦 編著, “統計學, 以 Microsoft Excel 為例”, 新文京開發出版, 2005					
科目簡介(可含大綱及教學進度):						
1. Ch 1: Introduction Course Outline and Defining the Role of Statistics in Business, 2. Ch 2: Data Structures: Classifying the Various Types of Data Sets, 3. Ch 3, 4: Distribution of the Data, and Interpreting Typical Values and Percentiles 4. Ch 5: Variability: Dealing with Diversity, Excel Software Application, 5. Ch 6: Probability and Understanding Random Situations, 6. Ch 7: Random Variables: Working with Uncertain Numbers, 7. Ch 8: Random Sampling: Planning Ahead for Data Gathering, 8. Midterm examination, 9. Ch 9: Confidence Intervals: Admitting that Estimates Are Not Exact, 10. Ch 10, 11: Confidence Intervals: Admitting that Estimates Are Not Exact, and Correlation and Regression 11. Ch 12: Multiple Regression: Predicting One Factor from Several Others, 12. Ch 13, 14: Cost control, and trade-off analysis in a project environment, and Communicating the Results of a Multiple Regression 13. Special Topic: Group Method Data Handling Method and Its Application, 14. Ch 14: Time Series: Understanding Changes over Time, 15. Ch 17: Chi-Squared Analysis: Testing for Patterns in Qualitative Data, 16. Ch 18: Statistical Quality Control: Recognizing and Managing Variation, 17. Summary and Discussion, 18. Final exam.						
說明: 1. 授課教師於學期前填寫本表, 經課程委員會審核後, 影印分送給教師所屬課程委員會召集人, 授課班級所屬系、所及教務處課務組; 並於開始上課時, 將本內容向學生說明。2. 本表於 91.4.23 第四次校課程委員會討論通過。 Designer jimmy						

課程委員會召集人  授課教師: 黃興錫

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95.3.22  
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