朝陽科技大學 096學年度第1學期教學大綱
Multivariate Analysis 多變量分析

當期課號	7626	Course Number	7626
授課教師		Instructor	
中文課名	多變量分析	Course Name	Multivariate Analysis
開課單位	保險金融管理系碩士在職專班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程主要係透過較溫和的統計教導方式而排除學生所畏懼之數學推導方式來介紹商學領域常用的多變量分析技術，主要是強調各種資料分析技術使用的時機及統計套裝軟體的使用及其結果的說明。 1. 使學生瞭解多變量分析的相關知識 2. 使學生正確利用統計方法進行資料分析與結果判讀 3. 使學生明瞭進階統計方法與SPSS統計軟體的操作 4. 使學生明瞭如何將多變量分析方法運用於保險金融管理領域	Objectives	This course is given in mild statistics teaching, not mathematical generalization that students fear to introduce the common multivariate analysis technology to emphasize the timing to use each data analysis technology, statistics software and the explanation of its results. 1. Enabling students to understand knowledge on multivariate analysis. 2. Enabling students to accurately analyze data and judge results with statistics methods. 3. Enabling students to understand advanced statistics methods and SPSS operation method. 4. Enabling students to understand how to apply multivariate analysis in insurance and finance management field.
教材	自編講義	Teaching Materials	From edits the printed lecture
成績評量方式	1.期中考：30%　2.期末考：40%　3.平常討論：30%	Grading	1.Midterm：30%　2.Final report：40%　3.Discuss：30%
教師網頁			
教學內容	本課程主要係透過較溫和的統計教導方式而排除學生所畏懼之數學推導方式來介紹商學領域常用的多變量分析技術，主要是強調各種資料分析技術使用的時機及統計套裝軟體的使用及其結果的說明。	Syllabus	This course is to make statistics a “kinder and gentler” subject by introducing students to the various multivariate techniques used in businesses without intimidating them with mathematical derivations. The main emphasis is on when to use the various data analytic techniques and how to interpret the resulting output obtained from the most widely used statistical packages.

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