

朝陽科技大學 093學年度第2學期教學大綱  
Advanced Educational Statistics Intermediate 高等教育統計學初階

當期課號	7665	Course Number	7665
授課教師	黃儒傑	Instructor	HUANG, JU CHIEH
中文課名	高等教育統計學初階	Course Name	Advanced Educational Statistics Intermediate
開課單位	幼兒保育系碩士在職專班一A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	本課程針對研究上常運用的基本統計方法，如：平均數、標準差、變異數、Z分數、t考驗、卡方考驗...等，進行概念講解、舉例說明及例題練習，其目的在於幫助學生獲得正確的統計概念，以期在未來進行研究時，能夠正確的運用統計方法。	Objectives	The contents of this course are to explore the common fundamental statistical methods in the researches. The statistical methods include mean, standard deviation, variance, Z score, t test, $\chi^2$ test, etc... The methods of this course include explaining the concepts, to cite an instance, and to exercise sample problems. The purpose of this course is to help students to acquire correct statistical concepts and to use statistical methods accurately in their researches.
教材	主要讀本： 1.黃瓊蓉編譯(民90)。心理與教育統計學。台北：學富文化。 2.吳明隆(民92)。SPSS統計應用學習實務：問卷分析與應用統計。台北：知城數位。	Teaching Materials	
成績評量方式	1.平時成績40%，包含上課參與討論情形與作業練習。 2.期中考30% 3.期末報告30%。	Grading	1. discussion and assignment (40%) 2. midterm (30%) 3. terminal report (30%)
教師網頁	-		
教學內容	1.能了解教育統計學的重要概念。 2.能熟悉各種教育統計方法的重要原理。 3.進行教育統計軟體操作練習，以期能應用於研究中。	Syllabus	1. to understand the important concepts of educational statistics 2. to know the important principles of educational statistical methods 3. to exercise educational statistics software and to apply in research

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