朝陽科技大學 099學年度第2學期教學大綱
Educational Statistics 教育統計學

當期課號	2190	Course Number	2190
授課教師	李克明	Instructor	LEE,KEH MING
中文課名	教育統計學	Course Name	Educational Statistics
開課單位	幼兒保育系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	本課程的目標是希望幫助學生能夠對於次數分配、集中量數、變異量數、相對地位量數…等基礎性的統計方法，具有正確的統計概念，以便能夠正確地運用統計方法。	Objectives	The objectives of the course are to help students to acquire correct statistical concepts and to use statistical methods accurately for fundamental statistical methods. The fundamental statistical methods include frequency distribution, measures of central location, measures of variation, measures of relative position, etc.
教材	主要教材與用書: 1.行爲科學統計學(七版) (潘中道、郭俊賢 譯) (2005)。台北：雙葉。(原著出版年： 2005年)。 2.相關補充資料。	Teaching Materials	1.Pagano, R. R.(2005). Understanding statistics in the behavioral sciences (7th ed.)。Taipei：Yehyeh。 2.Other supplementary materials。
成績評量方式	1.課堂討論與作業,20% 2.隨堂小考,60% 3.期末考試,20%	Grading	1.Class discussion and assignments,20% 2.Quiz,60% 3.Final exam,20%
教師網頁			
教學內容	本課程以描述統計爲主要內容，強調初等統計的基本概念，與較常使用的精簡各類資料的統計方法。授課重點包括資料的整理與摘要、集中與變異量數的涵義及其關係、常態分配的原理及應用、相關與迴歸的觀念等。藉由教材的循序結構，使學生能熟悉處理資料時的步驟，對於資料分析結果能正確解釋其意義，並培養科學態度與邏輯思考能力。	Syllabus	This course is designed to cover the whole body of descriptive statistics. The statistical methods, including theoretical foundations and applications, used commonly in different types of data are the most emphasized. Principal topics, in order of presentation, include frequency distributions, measures of central tendency and variability, normal distributions and standard scores, correlation and regression.

尊重智慧財產權，請勿非法影印。