朝陽科技大學 096學年度第1學期教學大綱
Educational Statistics 教育統計學

當期課號	3592	**Course Number**	3592
授課教師	劉俊榮	**Instructor**	LIU,JING JONG
中文課名	教育統計學	**Course Name**	Educational Statistics
開課單位	幼兒保育系(二進)四A	**Department**	
修習別	必修	**Required/Elective**	Required
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	林清山(2002)。心理與教育統計學。台北：東華。	**Teaching Materials**	
成績評量方式	1.課堂表現25% 2.作業25% 3.期中考25% 4.期末考25%	**Grading**	1.class performance.25% 2.assignment.25% 3.midterm exam. 25% 4.final exam. 25%
教師網頁			
教學內容	1.介紹統計價值等基本概念 2.統計資料呈現方法 3.集中量數、變異量數、相對地位量數、常態分配、概率、點估計、區間估計等觀念與統計方法 4.積差相關、簡單直線迴歸、t檢定、卡方檢定、單因子變異數分析等實務操作。	**Syllabus**	1.to understand the important concepts of educational statistics. 2.the manners of display data. 3.the concepts and measures, including central location, variation, relative position, normal distribution, probability, point estimation, interval estimationp. 4.to exercise the statistical methods, including product-moment correlation, linear regression equation, t-test, Chi-Squire test, and ANOVA.

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