

朝陽科技大學 097學年度第2學期教學大綱
Statistics 統計學

當期課號	3741	Course Number	3741
授課教師	陳靖國	Instructor	CHEN,JEANG KUO
中文課名	統計學	Course Name	Statistics
開課單位	資訊管理系(二在)四B	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	課程概述：以敘述統計及統計推論為主要研討對象，著重統計觀念的建立與基本統計理論的介紹。內容包括1.緒論 2.統計圖與統計表 3.統計測量數 4.機率論 5.常用的機率分配 6.統計估計 7.假設檢定 8.卡方檢定等。	Objectives	The objective of this course is to provide students with an introductory survey of the many applications of descriptive and inferential statistics. The contents include: (1) Introduction. (2) Describing Data: Frequency Distributions and Graphic Presentation. (3) Describing Data: Measures of Location and Dispersion. (4) Probability. (5) Probability Distributions. (6) Estimations. (7) Tests of Hypothesis. (8) Chi-square Test.
教材	書籍:應用統計學,三版 作者:林惠玲,陳正倉 出版:雙葉書廊	Teaching Materials	書籍:應用統計學,三版 作者:林惠玲,陳正倉 出版:雙葉書廊
成績評量方式	學習態度 20% 小考 40% 期中考 20% 期末考 20% 期中考或期末考未應考者,學期成績不及格	Grading	learning attitude: 20% test: 40% midterm examination: 20% final examination: 20%
教師網頁	http://www.cyut.edu.tw/~jkchen/courseSTAT.htm		
教學內容	本課程主題是在教授統計學的重要概念，例如母體與樣本、資料搜集、統計圖表、統計測量數、機率論、機率分配、統計估計、假設檢定、卡方檢定等。使學生瞭解統計學課程的目的與應用。	Syllabus	The objective of this course is to provide students with an introductory survey of the many applications of descriptive and inferential statistics. The contents include: (1) Introduction. (2) Describing Data: Frequency Distributions and Graphic Presentation. (3) Describing Data: Measures of Location and Dispersion. (4) Probability. (5) Probability Distributions. (6) Estimations. (7) Tests of Hypothesis. (8) Chi-square Test

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