朝陽科技大學 095學年度第2學期教學大綱
Statistics 統計學

當期課號	3750	Course Number	3750
授課教師	陳榮昌	Instructor	CHEN,RONG CHUNG
中文課名	統計學	Course Name	Statistics
開課單位	資訊管理系(二進)四A	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爲主要研討對象，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	1. 林惠玲、陳正倉著，應用統計學，雙葉書廊	Teaching Materials	
成績評量方式	期中考30%、期末考30%、上課（含小考）30%、其他10%	Grading	med term 30%, final term 30%, test 30%, other 10%
教師網頁	http://www.cyut.edu.tw/~rcchen		
教學內容	以敘述統計及統計推論爲主要研討對象，著重統計觀念的建立與 基本統計理論的介紹。內容包括敘述統計量分析、統計圖表、機 率與機率分配、抽樣與抽樣分配、估計、假設檢定等。	Syllabus	this course introduce the basic concepts of descriptive statistics and inferential statistics. It including the following main topics: the analysis of descriptive statistics, graphical representation and tabular method, probability and important probability distributions, sampling, distribution of sampling, estimation, test, etc.

尊重智慧財產權，請勿非法影印。