

朝陽科技大學 092學年度第2學期教學大綱
Statistics 統計學

當期課號	6042	Course Number	6042
授課教師	楊政穎	Instructor	YANG,CHENG YING
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	上課及考試	Teaching Materials	Lecture and test
成績評量方式	Quiz 20% Assignment 20% Midterm 30% Final 30%	Grading	Quiz 20% Assignment 20% Midterm 30% Final 30%
教師網頁	http://www.cyut.edu.tw/~cyang		
教學內容	本課程介紹統計之基礎概念以及重要方法之介紹	Syllabus	The course leads to introduce the concept of statistics and the important methods dealing with statistics.

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