朝陽科技大學 093學年度第2學期教學大綱
Statistics for Social Workers (2) 社會工作統計(二)

當期課號	2114	Course Number	2114
授課教師	蕭文高	Instructor	HSIAO,WEN KAO
中文課名	社會工作統計(二)	Course Name	Statistics for Social Workers (2)
開課單位	社會工作系(四日)二A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	本課程重點爲各種推論性統計方法，包括直線迴歸，變異數分析，以及無母數統計等	Objectives	This course introduces the techniques of inferential statistics including ANOVA, regression and nonparametric tests.
教材	1.史麗珠、林莉華編譯(2004)。統計學 - 社會與健康科學研究。台北：學富出版社。 2.林清山(1992)。心理與教育統計學。台北：東華書局。 3.王保進(2002)。視窗版SPSS與行爲科學研究。台北：心理出版社。	Teaching Materials	
成績評量方式	課堂作業30% 期中考30% 期末考30% 出席10%	Grading	Homework30% Midterm Examination30% Final Examination30% Participation10%
教師網頁			
教學內容	本課程是專爲社會工作學系學生所設計的社會統計基礎課程，學生將可學習到有關描述性與推論統計的基本概念，例如假設形成、抽樣、以及資料分析等，主要的內容包括：(1)描述統計：次數分配、圖表呈現、集中以及離散量數的測量；(2)基本的機率概念；(3)推論統計：相關係數、卡方檢定、變異數分析等；(4)SPSS統計軟體的練習與運用。	Syllabus	This course aims to provide a basic foundation in social science statistics and has been designed for undergraduates who major in social work. Students are introduced to the concepts and procedures that are fundamental to both descriptive and inferential statistics. This course addresses key research concepts and procedures such as hypothesis formulation, measurement, sampling, and especially in data analysis. The main contents include: (1) descriptive statistics: frequency distribution, graphic presentation, measure of central tendency and dispersion; (2) basic probability concepts; (3) inferential statistics: correlations coefficients, chi-square test, ANOVA etc. (4) practicing and using the statistical software – SPSS.

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