Please consult Intellectual Property Rights before making a photocopy. Please use the textbook of copyrighted edition.

②國玄東華大學

教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	心理統計(下)				學年/學期 Academic Year/Se	106/2		
課程名稱(英文) Course Name in English	Psychological Statistics(II)							
科目代碼 Course Code	CPB0050	系級 Department 學一 & Year		開課單位 Course-Offering Department	諮商與臨床心理學系			
修別 Type	學程 Program	學分數/時間 Credit(s)/Hour(s)			3.0/3.0			
授課教師 Instructor	/林慧菁							
先修課程 Prerequisite								

課程描述 Course Description

This course is a continuation of Statistics in Psychology II. It aims to provide students with an introduction to the science of making sense out of numerical data. Knowledge of statistics provides statistical literacy that enables people to understand and make sensible judgments based on the analysis of numerical information. This course is designed to teach students how to apply statistical concepts and interpret the results of a variety of statistical techniques from both descriptive and inferential statistics. The major contents covered include estimation and confidence intervals of means, analysis of variance, post hoc procedures, two-way ANOVA, correlation and simple regression, chi-squares tests for goodness of fit and independence, and some simple nonparametric procedures.

課程目標 Course Objectives

圖示說明Illustration :● 高度相關 Highly correlated ○中度相關 Moderately correlated

授課進度表 Teaching Schedule & Content

週次Week	內容 Subject/Topics	備註Remarks
1	Course introduction and review of descriptive statistics(logic of inferential statistics, z distribution and sampling distribution), Review of hypothesis testing	2/28 holiday (no class)
2	Ch 8-11: t statistic (review)	First Homework Assignment, due next week Homework: Ch 08-11
3	Introduction to Analysis of Variance: Ch 12	
4	Ch 12 (continued)	
5	ANOVA: Repeated Measure: Ch 13	
6	no class	4/4 holiday (no class)
7	Ch 13 (continued) ANOVA: Two-factor Independent Measure: Ch 14	
8	Ch 14 (continued) Review	
9	期中考試週 Midterm Exam	Midterm exam: Ch12-14

10	Correlation: Ch 15									
11	Ch 15 (continued)									
12	Regression: Ch 16									
13	Ch 16 (continued)									
14	Chi-Square Statistic: Test for Goodness of Fit and Independence: Ch									
15	Ch 17 (continue	d)								
16	Binomial Test: Ch 18									
17	Ch 18 (continued) Review									
18	期末考試週 Final Exam							Final exam: Ch15-18		
		教	學策	略 Tea	aching S	Strategi	ies			
✓ 課堂講授 Lecture ✓ 分組討論Group Discussion ② 参觀實習 Field Trip 其他Miscellaneous:										
		學期成績計算	草及多元	評量方式	犬 Gradi	ng & As	sessmen	ts		
西?	分項目	配分比例				多元評量			nts	
	Items	Percentage	測驗 會考	實作觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績(含出缺席) General Performance (Attendance Record)		10%		~						
期中考成績 Midterm Exam		30%	✓							
期末考成績 Final Exam		30%	~							
作業成績 Homework and/or Assignments		30%		~						
其他 Miscel	laneous									
	_/		部	 ₽量方式>	 補充說明					
Grading & Assessments Supplemental instructions										
教科書與參考書目(書名、作者、書局、代理商、說明)										
Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.) Gravetter, Frederick J and Larry B. Wallnau, Statistics for the Behavioral Sciences, Cengage Learning										
India; 10th edition (2015)										
課程教材網址(教師個人網址請列在本校內之網址) Teaching Aids & Teacher's Website (Personal website can be listed here.)										
http://faculty.ndhu.edu.tw/~!hclin/index.html										
其他補充說明(Supplemental instructions)										