② 國立東華大學 教學計劃表 Syllabus

課程 Course Na	名稱(中文) me in Chinese	心理統計(下)			學年/學期 Academic Year/Sem	104/2					
課程 Course Nat	名稱(英文) me in English	Psychological Statistics(II)									
科 Cour	·目代碼 rse Code	 CP_B0050系級 Department & 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 Ins	課教師 tructor	/林慧菁									
失 Prer	修課程 equisite										
課程描述 Course Description											
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											
To allow students to become more informed persons who can critically evaluate claims that are made in scientific (and less formal) settings. To develop an appreciation for the conceptual bases that support statistical evaluation. To learn how to interpret and perform several fundamental statistical procedures, as well as to evaluate situations and decide which procedures are appropriate. To gain enough knowledge of basic statistical procedures to enable students to apply it to more advanced topics that they will study later in their career.											
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	leek 內容 Subject/Topics 備語						備註Remarks				
1	Course introduction and review of descriptive statistics(logic of inferential statistics, z distribution and sampling distribution) First Homework Assignment, due next week										
2	Review of previous concepts (t distributions and test of one-sample mean and two independent samples)										
3	Hypothesis Testing for two related Samples: Ch 11										
4	4 Ch 11 (continued)										
	Introduction to Analysis of Variance: Ch 12										
5	Introduction to Analysis of Variance: Ch 12										
6	ANOVA: Repeated Measure: Ch 13										
7	ANOVA: Repeated	Measure: Ch	13								
	ANOVA: Two-fact	NOVA: Two-factor Independent Measure: Ch 14									

0	ANOVA: Two-fact	or Independen	it Meas	ure: Ch	14						
0	Review										
9	期中考試週 Midterm Exam										
10	Review										
10	Correlation: Ch 15										
11	Regression: Ch 16										
	Regression: Ch 16										
12	Chi-Square Statistic: Test for Goodness of Fit and Independence: Ch 17										
13	Chi-Square Statistic: Test for Goodness of Fit and Independence: Ch 17										
14	4 Chi-Square Statistic: Test for Goodness of Fit and Independence: Ch										
	Binomial Test: Ch 18										
15	Binomial Test: Ch 18										
16	Binomial lest: Ch 18										
	Choosing the Right Statistics: Ch 19										
17											
10	Review	Review									
10	·斯木考試過「1118		(3) 大	- b T	1 .	0, , ,					
		教	学 朿	略 le	aching	Strateg	1es				
✔ 課堂講授 Lecture ✔ 分組討論Group Discussion 參觀實習 Field Trip											
_ 其他Mi	iscellaneous:										
		學期成績計算	算及多元	:評量方:	式 Gradi	ing & As	sessmen	its			
酉	记分項目	配分比例				多元評量	量方式 A	ssessme	nts		
Items		Percentage	測驗 會考	貫作 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 General Performance		10%	\checkmark	~							
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 Misce (ellaneous _)										
評量方式補充說明 Grading & Assessments Supplemental instructions											
		or during a m			op i emeil						
L											

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; 9th edition (2012)

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)