## ②国o支束華大學 教學計劃表 Syllabus

	名稱(中文) me in Chinese	心理統計(下)				學年/學期 Academic Year/Sen	109/2			
	名稱(英文) me in English									
	-目代碼 rse Code	CPB0050	糸級 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								
	課教師 structor	/林慧菁								
	修課程 requisite									
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									
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	內容 Subject/Topics 備註Remarks							猜註Remarks		
1	Course introduction and review of descriptive statistics(logic of inferential statistics, z distribution and sampling distribution), Review of hypothesis testing and Power of Test! Ch 8-11: (review)									
2	Introduction to Analysis of Variance: Ch 12									
3	Introduction to Analysis of Variance: Ch 12 ANOVA: Repeated Measure: Ch 13									
4	ANOVA: Repeated Measure: Ch 13									
5	ANOVA: Repeated Measure: Ch 13 ANOVA: Two-factor Independent Measure: Ch 14									
6	ANOVA: Two-fact	ANOVA: Two-factor Independent Measure: Ch 14								
7	ANOVA: Two-fact	ANOVA: Two-factor Independent Measure: Ch 14								
8	Ch 12-14: Revie	-14: Review								

9	Midterm Exam	Midterm exam:					
10	Correlation: Ch 15						
11	Correlation: Ch 15 (continued) Regression: Ch 16						
12	Regression: Ch 16(continued)						
13	Ch 16 (continued) Chi-Square Statistic: Test for Goodness of Fit and Independence: Ch 17						
14	Chi-Square Statistic: Test for Goodness of Fit and Independence: Ch 17						
15	Binomial Test: Ch 18						
16	Binomial Test: Ch 18 App: Nonparametric Statistics						
17	Review						
18	Final Exam	Final exam:					
教 學 策 略 Teaching Strategies							
✓ 課堂講授 Lecture ✓ 分組討論Group Discussion 参觀實習 Field Trip							
其他Miscellaneous:							
教 學 創 新 自 評 Teaching Self-Evaluation							
創新教學(	Innovative Teaching)						
□ 問題導向學習(PBL)							
社會責任(Social Responsibility)							
□ 在地實踐Community Practice □ 産學合作 Industy-Academia Cooperation							
☐ 跨界教學Transdisciplinary Teaching ☐ 跨院系教學Inter-collegiate Teaching							
☐ 業師合授 Courses Co-taught with Industry Practitioners							
其它 other:							

學期成績計算及多元評量方式 Grading & Assessments									
配分項目	配分比例 Percentage				多元評量	量方式 A	ssessme	nts	
Items		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 General Performance	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 Miscellaneous ()									
評量方式補充說明 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(含線上教學資訊,教師個人網址請列位於本校內之網址) Teaching Aids & Teacher's Website(Including online teaching information. Personal website can be listed here.)									
http://faculty.ndhu.edu.tw/~hclin/index.html									
Since the Covid-19 outbreak, some students will not be able to join us in class. For those students,									
we would like them to read the required text (the textbook for this class) at home, and to check our									
E-Learning website (http://www.elearn.ndhu.edu.tw/) for the homework assignment every week. If you									
have any question or problem about this course, you can contact me or the TA of this course (through									
email or E-Learning). My email address: hclin@gms.ndhu.edu.tw									