## ② 國立東華大學 教學計劃表 Syllabus

	名稱(中文) me in Chinese	心理統計(上)				學年/學期 Academic Year/Ser	104/1				
	名稱(英文) me in English	PSVChOLOGICAL STATISTICS(L)									
	目代碼 rse Code	CPB0030	A Second Secon		開課單位 Course-Offering Department	諮商9	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									
	e課教師 structor	/林慧菁									
	t修課程 requisite										
課程描述 Course Description											
This course provides 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 measures of central tendency and variability, probability, distributions of sample means, estimation and confidence intervals, and hypothesis testing concerning means.											
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	内容 Subject/Topics 備註Remarks										
1	Brief introduction: Introduction to statistics: Variables, Data structure, Populations and Sample(chapter 1)										
2	Variables, Data structure, Populations and Sample, Research Methods, Measurement (chapter 1) Frequency distribution, percentiles and percentile ranks, data distribution charts (chapter 2										
3	Central tendency and variability, Chap. 3 &										
4	Score transformation Chap 5										
5	Probability I: Binomial and normal distributions Chap 6										
6	Probability II: Binomial and normal distributions Chap 6										
7	Sampling distri	bution					1				
	Chap 7										

9	期中考試週 Midterm Exam									
10	Exam review									
11	Correlation Chap 1									
12	Making inference: Hypothesis testing Chap 8									
13	Introduction to t-distribution and t statistic Chap 9									
14	Hypothesis test Chap 9									
15	Testing differe Chap 10									
16	Testing two rel Chaps 11 and 12									
17	Course Review and question answering									
18	期末考試週 Final Exam									
教學策略 Teaching Strategies										
│ 課堂講授 Lecture │ 分組討論Group Discussion │ 參觀實習 Field Trip										
L 其他Miscellaneous:										
	學期成績計算及多元評量方式 Grading & Assessments									
配分項目 配分比例 多元評量方式 Assessments										
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 General Performance		20%	$\checkmark$	~						
期中考成績 Midterm Exam		40%	~							
期末考成績 Final Exam		40%	$\checkmark$							
作業成績 Homework and/or Assignments										
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; 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)