

Kainan University ■ Spring Department of Business Administration Course Schedule

CRN	Course title	Instructor	Subject	grade	Credits	Hours per week
C101020102	Chinese : 統計學(下)	Feng-Chin Chen	required	二年 A 班	3	3
	English : Statistics(II)	Course prerequisites	Calculus			
Teaching goal and content	The teaching goal and content are describing about statistical inference: 1. Hypothesis Testing. 2. Tests of goodness of fit and independence. 3. Analysis of variance and experimental design. 4. Regressive analysis : linear regression model, least squares method, testing for significance, using the estimated regression equation for estimation and prediction, residual analysis.					
Teaching Methods	<input checked="" type="checkbox"/> Lecture ◦ <input checked="" type="checkbox"/> practical training ◦ <input type="checkbox"/> discussion ◦ <input type="checkbox"/> question-and-answer ◦ <input type="checkbox"/> others () ◦					
Grading and evaluation criteria	Midterm 25% ◦ final 25% ◦ Class participation 25% ◦ others (25%) grade <input type="checkbox"/> <input type="checkbox"/> % ◦					
Textbooks	(Author、Title、edition、publisher、publishing place、publishing year、from page to page in sequence) ◦ 方世榮，基礎統計學，2/e，華泰書局，台北市，2005年。					

Subject introduction (including outline and course schedule) :

Course schedule :

week	Subject	week	Subject
1	holiday	10	Test of a multinomial Population
2	The basic concepts of hypothesis testing	11	Test of independence
3	Tests about a population mean	12	Test of Poisson and normal distributions
4	Tests about a population proportion; Determining the sample size	13	An introduction to analysis of variance
5	Tests about a population variance	14	Testing for the equality of k population means
6	Estimation of the Difference between the means of two populations: Independent samples	15	The simple linear regression model The least squares method
7	Estimation of the Difference between the means of two populations-Independent samples	16	The coefficient of determination Testing for significance
8	Estimation of the Difference between the means of two populations--Matched samples	17	Estimation and prediction
9	Midterm	18	Final

Instruction :

- The teacher fills in this form before the semester beginning. After verified by the curriculum committee, this form should be copied to give to the conveners who is belong to the same department, the department which the class is belong to, and the office of curriculum planning. Besides, the teacher explains this syllabus to students at the beginning of a semester.
- This form is approved by the curriculum committee at the forth time on April 23rd, 2002

Convener of the curriculum committee :

金管系 李文雄(主) 任(主)

Teacher : Feng-Chin Chen

課務組
96.3.28
收文

課務組 郭惠珊