

Fall SpringKainan University
Course Schedule

Department of Business Administration

CRN	Course title	Instructor	Subject	grade	Credits	Hours per week
1711M2270	Chinese : 統計方法	Kenneth Chao	<input checked="" type="checkbox"/> required <input type="checkbox"/> elective	碩1年 班	2	2
	English : Statistical Methods	Course prerequisites	Statistics			
Teaching goal and content	The purpose of this course is to introduce and familiarize graduate students with the Statistical techniques of design, estimation and interpretation of multivariate analysis and time series. This course will provide a broad knowledge of the most popular research methods and techniques for graduate students who are facing the task of these writing and research.					
Teaching Methods	x <input type="checkbox"/> Lecture ◦ <input type="checkbox"/> practical training ◦ <input type="checkbox"/> discussion ◦ x <input type="checkbox"/> question-and-answer ◦ <input type="checkbox"/> others () ◦					
Grading and evaluation criteria	midterm 40% ◦ final 40% ◦ Class participation 10% ◦ others () grade <input type="checkbox"/> % ◦					
Textbooks	(Author ◦ Title ◦ edition ◦ publisher ◦ publishing place ◦ publishing year ◦ from page to page in sequence) ◦					
	Applied Multivariate Techniques, 1 st edition, Subhash Sharma, John Wiley & Sons, Inc					

Subject introduction (including outline and course schedule) :

Week 1 Multivariate Regression
 Week 3 Canonical Correlation
 Week 5 Principal Component Analysis
 Week 7 Factor Analysis
 Week 9 Cluster Analysis
 Week 11 Discriminant Analysis
 Week 13 Logistic Regression
 Week 15 Multivariate ANOVA
 Week 17 Structural Models

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

Convenor of the curriculum committee :



Teacher : Kenneth Chao


