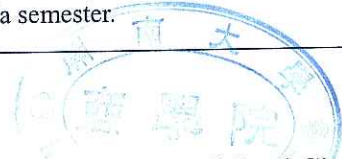


Kainan University
Department of International Business
Spring Semester, 2008 Course Syllabus

Course Code No.	Course Title	Instructor	Subject	Level of Course
100010650	Chinese: 作業研究	Michael Chen, Wei-Ning	<input type="checkbox"/> elective	Year: Class(AorB):
	English: Operations Research	e-mail/phone ext: <u>wnchen@mail.knu.edu.tw</u> , /6069	Credits: 3	
Teaching Goals and Content	Operations Research (OR) is a systematic decision analysis method. It provides the tools for management to solve problem under limited resources and hence making decision for optimal interest. This course will be mainly based on quantitative method for analysis of problem.			
Teaching Methods	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> practical training <input type="checkbox"/> discussion <input checked="" type="checkbox"/> question-and-answer <input type="checkbox"/> other (details _____)			
Grading and Evaluation Criteria	midterm <u>30</u> % final <u>30</u> % class participation <u>40</u> % other _____ % (details _____)			
Textbooks	(author, title, edition, publisher, place of publication, year of publication, pages covered)			
	H. Taha, Operations Research-An Introduction, 8 th Edition, Pearson Education, 2007 (Hwa Tai Publishing) F. Hillier and M. Hillier, Introduction to Management Science, 2 nd Edition, McGraw Hill, 2004 (Hwa Tai Publishing)			
Course Description (including outline and course schedule):				
1. Linear Programming: Model Formulation and Graphical Solution 2. Linear Programming: Computer Solution and Sensitivity Analysis — The Simplex Method 4. Transportation, Transshipment, and Assignment Problems 5. Forecasting 6. Inventory Management 7. Project Management 8. Integer Programming				
Instructions: Teachers should fill out this form before the semester begins. After it has been verified by the curriculum committee, the original should be given to the office of curriculum planning and a copy to the head of the department to which the course belongs. In addition, the teacher should explain this syllabus to students at the beginning of a semester.				

國企系謝雅惠
主任

商學院李文福(乙)
院長



Michael Chen

signature of the convener of the curriculum committee

signature of the teacher

課務組郭惠嫻
辦事員

課務組
97.3.8
收文章