朝陽科技大學 096學年度第2學期教學大綱
Operations Research (1) 作業研究(一)

當期課號	1530	Course Number	1530
授課教師	陳銘芷	Instructor	CHEN,MING CHIH
中文課名	作業研究(一)	Course Name	Operations Research (1)
開課單位	工業工程與管理系(四日)二A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	讓學生學習管理科學領域中常見的確定性計量分析方法，進而培養分析及解決複雜問題之能力。	Objectives	Through learning different operation research issues, the students are trained to understand the deterministic approach in operations research and to develop techniques for solving and analyzing relevant problems with mathematical models.
教材	作業研究 廖慶榮著 華泰書局 2006年修訂一版	Teaching Materials	
成績評量方式	Midterm Exam 30% Final Exam 30% Homework and Quiz 40%	Grading	Midterm Exam 30% Final Exam 30% Homework and Quiz 40%
教師網頁	http://www.cyut.edu.tw/~mchen/		
教學內容	本課程旨在探討作業研究領域相關研究課題,包括線性規劃、運輸問題、網路模式及專案排程等主題.透過數學模式之建立及電腦軟體應用等方式,培養學生相關領域之最新知識,與解決問題之能力.	Syllabus	This course aims to examine the relative topics in operations research. The topics to be discussed include linear programming, transportation, network and PERT/CPM. The objective of this course is to help students to have an overview of the state of the art of operations research fields, and to improve their ability of problem solving.

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