

朝陽科技大學 094學年度第1學期教學大綱
Special Topics: Computer Technology (I) 營建管理資訊應用技術專題(一)

當期課號	7131	Course Number	7131
授課教師	伍勝民	Instructor	WU,SHENG MIN
中文課名	營建管理資訊應用技術專題(一)	Course Name	Special Topics: Computer Technology (I)
開課單位	營建工程系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	本課程主要教授以電腦模擬方法暨地理資訊系統應用，分析營建作業流程之生產力。	Objectives	The purposes of this course are (1) to provide students with the basic concept of computer software used in the design and analysis of building structures and foundations and (2) to discuss GIS applications in construction.
教材	Tsoukalas, L. H., and Uhrig, R. E. (1996). fuzzy and neural approaches in engineering, Wiley, New York, N. Y.	Teaching Materials	
成績評量方式	考試40% 作業40% 報告20%	Grading	Quizzes 20 points Final Exam. 20 points HW Assignments 40 points Term Project 20 points
教師網頁	-		
教學內容	本課程主要教授基因演算法、模糊理論、類神經網路等人工智慧分析方法。	Syllabus	The purposes of this course are (1) to provide students with the basic concept of artificial intelligent methodology; and (2) to discuss artificial intelligent methods that have been devised specially for the analysis of construction operation.

尊重智慧財產權，請勿非法影印。