

朝陽科技大學 091學年度第2學期教學大綱  
Decision Making and Risk Management 決策分析與風險管理

當期課號	7030	Course Number	7030
授課教師	楊亦東	Instructor	YANG, I TUNG
中文課名	決策分析與風險管理	Course Name	Decision Making and Risk Management
開課單位	營建工程系碩士班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程目的在使學生瞭解決策分析的意義並應用決策分析技巧在不確定因素的環境下作適當的決策。教導學生如何利用多目標決策分析之理論作出最適當的決策，當現今與未來均是不確定。課程內容包括：現今電腦輔助決策系統之發展，多目標效用決策分析、AHP、及灰色理論之理論與應用	Objectives	The objective of this course is to study the meaning and application of analytic decision making techniques for technical decision making under uncertainty. Provides the student with background and practice in applying tools for multiple attribute decision making when present or future states of nature are uncertain. Includes exploration of current research in developing computer aids to decision making under risk, multi-attribute utility analysis, AHP, and gray theory from theoretical foundations through assessment procedures.
教材		Teaching Materials	
成績評量方式	考試2次60%，作業40%。	Grading	
教師網頁	-		
教學內容	決策分析與相關理論	Syllabus	Decision Theory Risk Assessment Bidding Theory Analytical Hierarchy Process

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