朝陽科技大學 097學年度第2學期教學大綱
Architectural Economics 建築經濟學

當期課號	1914	Course Number	1914
授課教師	沈永堂	Instructor	SHEN,YUNG TANG
中文課名	建築經濟學	Course Name	Architectural Economics
開課單位	建築系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	本課程將從個體經濟學的途徑，讓學生了解及剖析建築相關的經濟問題如土地，住宅及房屋建造管理等。課程將著重於個體經濟學基本理論的探討，進而應用相關的基本理論解決不動產（含土地及住宅）與房屋建造管理的經濟問題及策略分析。	Objectives	This course will introduce you to microeconomics approaches to understand the architectural economic problems such as land,housing and building construction management, etc. The emphasis will on the developing your understanding of basic economic terms and reasoning, and on the application of these to problem-solving and strategy analysis in real estate(including land and housing) and building construction management.
教材	1.自編講義 2.影印資料	Teaching Materials	
成績評量方式	1.平時成績10% 2.期中考35% 3.期末考35% 4.期末報告20%	Grading	1.Participation 10% 2.Mid-term Examination 35% 3.Final Examination 35% 4.FInal Report 20%
教師網頁	_		
教學內容	1.課程簡介 2.經濟學之基本架構 3.市場價格之變動(市場,需求,供給,均衡價格) 4.房地產之需求與供給 5.價格機能之干預與失靈(自然獨占,外部性,公共財) 6.經濟評估的方法(LCC,NB,NS,BCR,SIR,IRR,ORR,PB) 7.處理不確定性與風險的技術 8.經濟評估及風險分析的應用	Syllabus	1.Introduction 2.Framework of Economics 3.Variation of Market Price 4.Demand and Supply of Real Estate 5.Price Mechanism 6.Methods of Economic Evaluation 7.Techniques for Treating Uncertainty and Risk 8.Applications of Economic Evaluation Methods and Risk Analysis Techniques

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