朝陽科技大學 095學年度第2學期教學大綱
Environmental Economics 環境經濟學

當期課號	7197	Course Number	7197
授課教師	紀子文	Instructor	CHI,TZE WEN
中文課名	環境經濟學	Course Name	Environmental Economics
開課單位	環境工程與管理系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	1.個體經濟學原理與應用 2.市場失靈和公共財問題 3.資源利用：能源 4.資源利用：水資源問題 5.污染控制 6.環境政策的經濟評估 7.能源政策的經濟評估	Objectives	1.economics principles & application 2.market failure & public goods modelling 3.simple models of interaction between economics development & environment quality 4.water resource problems 5.pollution control management modelling 6.economics analysis of policy 7.energy policy analysis
教材	1.口述及電腦操作 2.啓發學生思考專案	Teaching Materials	Lecturing, hands-on modeling exercise
成績評量方式	1. 平時成績(出席率、課堂參與討論、作業)30% 2. 期中考30% 3.期末考40%	Grading	Usually result:30% mid-term 30% Final: 40%
教師網頁	_		
教學內容	1. 個體經濟學原理與應用 2. 市場失靈和公共財問題 3. 資源利用：能源 4. 資源利用：水資源問題 5. 污染控制 6. 環境政策的經濟評估 7. 能源政策的經濟評估	Syllabus	Objective: 1. to explore the interaction between resource use & environmental quality, 2. to illustrate the economics analysis of environmental law and 3. to identify the fruitful areas for research Text book:. T1: Environmental and Natural Resource Economics, 5th edit. Tom Tietenberg, Addison-wesley, 2000 References: R1:Economics and Law meet，Dacid Freeman, 2002 R2(Policy Analysis: Concepts & Practice， David L. Weimer， 2002 R3:Environmental Economics & Management, by S.J Callan Major contents: 1. economics principles & application 2. market failure & public goods modelling 3. simple models of interaction between economics development & environment quality 4. water resource problems 5. pollution control management modelling 6. economics analysis of policy 7. energy policy analysis

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