

朝陽科技大學 094學年度第1學期教學大綱
Environmental Information and Application 環境資訊與應用

當期課號	7709	Course Number	7709
授課教師	陳鶴文	Instructor	CHEN,HO WEN
中文課名	環境資訊與應用	Course Name	Environmental Information and Application
開課單位	環境工程與管理系碩士在職專班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	目標：介紹現有各種適用於環境決策之軟體工具，例如類神經網路系統(Neuro solutions)、模糊理論(Fuzzy Theory及Microsoft Excel等，使學生了解基本原理及其應用，一方面透過實地操作讓學生能了解工具之使用加強電腦應用能力，另一方增加學生對解決環境問題決策的能力及方法。	Objectives	By introducing the software tools applicable to environment policies, such as Neuro solutions, Fuzzy Theory and Microsoft Excel to let students understand the basic principles and their applications. On the one hand, students can figure out the use of the tools and strengthen their computer's ability, on the other, it will be able to increase students' ability to solve environmental problems and find the best solutions.
教材	講義	Teaching Materials	
成績評量方式	報告(100%)	Grading	report
教師網頁	http://ensys.ev.cyut.edu.tw/hwchen		
教學內容	1.環境資訊學簡介 2.環境系統分析原理與環境資訊應用方法 3.綜合應用	Syllabus	1.Introduction to the theories and applications of environmental informatics 2.Information management and application based on the methodology of environmental system analysis 3.Integrated application of environmental information

尊重智慧財產權，請勿非法影印。