朝陽科技大學 093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	7759	**Course Number**	7759
授課教師	陳立	**Instructor**	
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 Theoryand 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	1.電腦在環境工程與管理上之應用，張益誠、余泰毅 2.學術單位研究報告。	**Teaching Materials**	
成績評量方式	.出席率 20% 2.專題計畫書 30% 3.專題期中報告 50%	**Grading**	1. Class participation 20% 2. Topic Proposal & Presentation 30% 3. Topic Mid-term Report & Presentation 50%
教師網頁			
教學內容	隨著環境問題的複雜化，以資訊科技來協助處理環保問題，是必然之趨勢。本課程乃以將目前環境管理常用之軟體進行介紹，透過實地之操作及案例之演練，使同學熟悉環境系統軟體，進而運用之。	**Syllabus**	Ensuing from the complex environmental problems, it is an inevitable trend to handle these issues through information technology. This course is to introduce the software commonly used in environomental management and let students make themselves familiar with the software concerned through field operations and cases practices and furthermore know how to apply the system.