朝陽科技大學 092學年度第1學期教學大綱
Environmental Ecology 景觀生態學

當期課號	2373	Course Number	2373
授課教師	張莉欣	Instructor	CHANG,LI SHIN
中文課名	景觀生態學	Course Name	Environmental Ecology
開課單位	景觀及都市設計系(四日)二A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	1.使學生了解人與自然要共存共榮的真諦，並且強調人類在生態系中所扮演重要且動態的角色 2.使學生了解如何分析景觀格局、物種間的交互作用與生態系統的能量分析。 3.使學生了解生態設計原則與評估設計對生態系統可能造成的衝擊。 4.建立學生生態工程的基本概念。	Objectives	1.To promote the thinking of that" people need to live harmonically with nature and to enforced the concept that people play the dynamic and important role in the eco-system. 2. To let students know how to analyze the formation of landscape pattern and introduction on the energy l flow in the system and the interaction between species. 3. To guide students to understand the basic principles of ecology and lead them to think of the course and effects of environmental factors. 4. To introduce the basic principle of ecological engineering.
教材	講課, 學生分組討論報告，影片欣賞	Teaching Materials	Lecture, group discussion, film-watching
成績評量方式	出席情形評量 10% 課堂之參與情形評量 20% 口頭報告及書面報告評量 20% 期中考與期末考 40%	Grading	Attendance 10% The evaulation on the paticipation in the class 20% The paper and oval reports 20% Mid term and term exam. 40%
教師網頁			
教學內容	1.在「人類與自然協調共生」的思想爲前提，強調人在景觀中的動態作用，進而剖析景觀在物質、能量和物種交流過程中所形成的空間組成模式、內部功能及各部分之間的相互關係，探討其發生及發展的規律，建立景觀時空動態的模型，以達到合理的保護、優化利用環境的目的 2.由生態學基本原理與原則觀點，帶領同學解讀環境中的訊息的意義並剖析其因果關係及環境因子對生態演替可能發生的影響 3.解析生態工法中所使用的生態理論基礎	Syllabus	1.To promote the thinking of that" people need to live harmonicaly with nature. 2.To enforced the concept that people play the dinamic role in the eco-system. Those concepts formed the preface to analyze the formation of landscape pattern and introduction on the energy and material flow in the system and the interaction between species. 3. To guide students to understand the basic principles of ecology and lead them to think of the course and effects of environmental factors. 4.To anayze the basic principle of ecological engineering methods.

尊重智慧財產權，請勿非法影印。