朝陽科技大學 096學年度第2學期教學大綱
Environment & Ecological 環境與生態

當期課號	0142	Course Number	0142
授課教師	張有恒	Instructor	CHANG,YU HENG
中文課名	環境與生態	Course Name	Environment & Ecological
開課單位	自然與科技發展課群(日)	Department	
修習別	選擇必修	Required/Elective	Topics in Natural and the? Development of Sciences
學分數	2	Credits	2
課程目標	一、培養學生正確之環境觀及生態概念。 二、讓學生了解環境之基本課題、環境問題對生態環境之影響及其解決之道。 三、培養學生探究環境科學興趣、愛護生態環境及鑑賞自然和諧之美。 四、培養學生敬畏自然、尊重生命的觀念與行爲。 五、讓學生認識生物圈生命之多樣性，了解人類在自然環境中的地位與責任。 六、探討生態系的構造及組成，並了解生物與環境間的關係。 七、讓學生了解自然環境中包括沙漠、草原、森林、雨林等陸地生態系及淡水、海洋、河口等水域生態系。	Objectives	The objective of this course is to provide students 1. To understand the correct environmental and ecological concept. 2. To understand the fundamental issues in environmental science. How environmental problems impact the ecological environment and the means to deal with these problems. 3. To explore the environmental science, to cherish ecological environment and to appreciate the harmony and beauty in nature. 4. To know the natural biodiversity and the position and responsibility of human in nature. 5. To investigate the ecosystem components and the relationship between biology and environment.
教材	環境生態學，朱錦忠　編著，新文京開發出版股份有限公司，2005年出版。	Teaching Materials	Environmental Ecology, Zhu Jin-Zhong compile, New Wen Ching Developmental Publishing Co., Lid. 2005.
成績評量方式	期中考25% 期末考25% 野外觀察與實作30% 平時表現20%（含出席率、討論及報告等）	Grading	Midterm Examination,25%. Final Examination,25%. Field observation and practice,30% Ordinarily results,20%(including attend and reports).
教師網頁	_		
教學內容	1.環境生態學緒論 2.生物與環境的關係 3.族群的形成與特質 4.群落的構造與特質 5.生態系的組成與基本作用 6.生態平衡與生態失調 7.污染防治與生態保育 8.生態地圖	Syllabus	1.Preface 2.The relationship between organism and environment 3.The forming process and speciality of Population 4.The structure and speciality of community 5.The component and basic function of ecosystem 6.Ecological balance and disorder 7.Pollution prevention and ecological protection 8.Green Map

尊重智慧財產權，請勿非法影印。