朝陽科技大學 097學年度第2學期教學大綱
Resource Recycling and Recovery 資源回收與再利用

當期課號	1845	Course Number	1845
授課教師	劉敏信	Instructor	LIU,MIN HSIN
中文課名	資源回收與再利用	Course Name	Resource Recycling and Recovery
開課單位	環境工程與管理系(四日)三A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	透過本課程，讓學生瞭解廢棄物之定義及特性，介紹廢棄物分類及前處理過程，藉由廢棄物清理法規與資源回收與再利用法規之架構，探討產業減廢與資源化技術，並藉由資源回收與再利用之實作讓學生體認資源回收的精神。本課程將探討廢棄物之定義，廢棄物清理法規之介紹，廢棄物特性，廢棄物分類及前處理，資源回收與再利用法規之介紹，產業減廢與資源化技術，資源化技術之實作。	Objectives	The objective of this course to provide student to understand the resource recovery issues for solid waste. The subjects of the course will include: the definition of solid waste, waste treatment and disposal regulation, waste property, waste classification and pretreatment, resource recovery regulation, waste minimization and resource recovery technology.
教材	1.陳有志，「產業減廢與資源化」，全威圖書公司，90年。 2.Lund, H.F., “Recycling Handbook,” McGraw-Hill, 1993. 3.Cheremisinoff, P.N., Ed. “Encyclopedia of Environmental Control Technology, Vol. 5, Waste Minimization and Recycling,” Gulf Publishing Company, 1992.	Teaching Materials	1.Lund, H.F., “Recycling Handbook,” McGraw-Hill, 1993. 2.Cheremisinoff, P.N., Ed. “Encyclopedia of Environmental Control Technology, Vol. 5, Waste Minimization and Recycling,” Gulf Publishing Company, 1992.
成績評量方式	出席參與課程 10%，期中考30%，資源回收實作與簡報30%，期末考30%。	Grading	Attendance & participation 10%, Mid-term Examination 30%, Resource recovery project 30%, Final Examination 30%.
教師網頁			
教學內容	廢棄物之定義，廢棄物清理法規之介紹，廢棄物特性，廢棄物分類及前處理，資源回收與再利用法規之介紹，產業減廢與資源化技術，資源化技術之實作。	Syllabus	The subjects of the course will include: the definition of solid waste, waste treatment and disposal regulation, waste property, waste classification and pretreatment, resource recovery regulation, waste minimization and resource recovery technology.

尊重智慧財產權，請勿非法影印。