# 朝陽科技大學 096學年度第1學期教學大綱
# Applications of Environmental chemistry 環境化學應用

| | | | |
|---|---|---|---|
| 當期課號 | 1673 | Course Number | 1673 |
| 授課教師 | 王文裕 | Instructor | WANG,WEN YU |
| 中文課名 | 環境化學應用 | Course Name | Applications of Environmental chemistry |
| 開課單位 | 環境工程與管理系(四日)二A | Department | |
| 修習別 | 選修 | Required/Elective | Elective |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程主要介紹環境工程相關之化學觀念及應用：內容包括1.基本原理2.平衡化學基本觀念3.應用有機化學的基本概念4.應用程序動力學基本原理5.應用膠體化學及混凝化學及應用 | Objectives | This course is to introduce the applications about the environmental engineering chemistry: This course comprises 1.Basic principles,2.Basic concepts and applications from Equilibrium chemistry,3.Basic concepts and applications from Organic chemistry 4.Fundamental of process kinetics and applications, 5.Basic concepts and applications from Colloidal chemistry and Coagulation chemistry. |
| 教材 | 環境工程化學，蕭蘊華譯，滄海出版社 Chemistry for environmental engineering., McGraw-Hill, Clair N. Sawyer, Perry L. McCarty and Gene F. Parkin.實用環境化學，張仁福，藝軒圖書 | Teaching Materials | |
| 成績評量方式 | 1.期中考30% 2.期末報告：30% 學生專題報告：40% | Grading | Mid-term 30% ; Final examinations 30%; Students' presentations for the applications of selected instrumental analysis. 40% |
| 教師網頁 | | | |
| 教學內容 | 課程介紹基本原理'平衡化學基本觀念及應用'有機化學的基本概念及應用'程序動力學基本原理及應用'膠體化學混凝化學及應用 | Syllabus | Introduction Basic principles;Basic concepts and applications from Equilibrium chemistry;Basic concepts and applications from Organic chemistry;Fundamental of process kinetics and applications;Basic concepts and applications from Colloidal chemistry and Coagulation chemistry. |

尊重智慧財產權，請勿非法影印。