

朝陽科技大學 099學年度第1學期教學大綱
Special Topics-Environmental Monitoring(1) 環境監測專題(一)

當期課號	7239	Course Number	7239
授課教師	王敏昭	Instructor	WANG,MIN CHAO
中文課名	環境監測專題(一)	Course Name	Special Topics-Environmental Monitoring(1)
開課單位	環境工程與管理系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	本課程為師徒制教學課程,修課學生每週定期與指導教授進行專題論文討論,每個月所有修課學生及授課老師共同舉行一次專題討論,研討主題為空氣相、水相及土壤的微量分析與環境監測技術,協同學進行相關議題之深入研究	Objectives	The course is executed by students and their adviser together. Students need to meet with their advisor at least one time a week, and every month has one time-joined meeting for every students and advisors. The topics include the trace analysis and environmental monitoring of gas phase, water, and soil. Through this course, students obtain advisor's assistance directly and proceed deeper study about his/her research.
教材	1.授課講解論文報告撰寫方法 2.與指導老師討論及執行專題計畫 3.規劃實習工作內容及撰寫實習計畫書與心得報告 ※本課程著重專題計畫執行能力之訓練,學生務必自動自發,與指導老師充分互動。	Teaching Materials	1.Lectures 2.Team work on project 3.Oral presentation
成績評量方式	1. 出席率 30% 2. 專題期末報告書 30% 3. 專題期末報告 40%	Grading	1. Class participation 30%; 2. Graduation project report 40%; 3. Oral presentation 30%
教師網頁	http://lms.cti.cyut.edu.tw/		
教學內容	本課程是畢業專題II,乃提供給環管系碩士班1A下學期學生修習。本課程學生應選擇適當專討主題,主題如各類環境議題、污染控制、減廢、經濟、資源與能源管理等均可,學生應於期末前撰寫期中報告並作簡報及提交給指導教授審核,以作為暑假期間實習進一步研究之依據。	Syllabus	This course is provided to the third grade students as the second part of Graduation Project. The students are required to select a research topic for graduation project I, such as, pollution controls, waste minimization, economics, resources, and energy management. Students are required to write a formal report and submit to their advisors for approval and grading.

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