朝陽科技大學 096學年度第1學期教學大綱
Special Topics in Spectroscopy of Organic Chemistry 有機光譜特論

當期課號	7179	Course Number	7179
授課教師	卓重光	Instructor	JOW,CHUNG KUANG
中文課名	有機光譜特論	Course Name	Special Topics in Spectroscopy of Organic Chemistry
開課單位	應用化學系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	在有機化學的領域中，由於了解化合物的真正結構，才能使得今日在各方面的應用科學如此發達，例：藥物化學。所以，此門課的方向，便是教導學生如何利用現有的一些儀器所測得的圖譜，加以分析推測某化合物的真正結構。	Objectives	The main purpose for this course is to teach the students how to identify organic compounds from the complementary information included mass, infrared, nuclear magnetic resonance, and ultraviolet.
教材	Introduction to Spectroscopy, 3rd edition Pavia, Lampman, Kriz by Harcourt college publishers	Teaching Materials	Introduction to Spectroscopy, 3rd edition Pavia, Lampman, Kriz by Harcourt college publishers
成績評量方式	Mid term 20*3=60% Final exam 25% Homework 15%	Grading	Mid term 20*3=60% Final exam 25% Homework 15%
教師網頁			
教學內容	This Course will introduce the Spectroscopic methods for the structure detemination and spetral assignments for Organic Compounds . The students will learn to use an FT-IR, a 300-MHz FT-NMR, a MS and a variety of computer software.	Syllabus	This Course will introduce the Spectroscopic methods for the structure detemination and spetral assignments for Organic Compounds . The students will learn to use an FT-IR, a 300-MHz FT-NMR, a MS and a variety of computer software.

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