

朝陽科技大學 099學年度第2學期教學大綱
Interpretation of Mass Spectra 質譜分析

當期課號	7194	Course Number	7194
授課教師	陳政男	Instructor	CHEN,CHANG NAN
中文課名	質譜分析	Course Name	Interpretation of Mass Spectra
開課單位	應用化學系碩士班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程的目標在介紹各式現代質譜儀之基本原理與應用並使學生能對質譜圖進行正確的分析與瞭解。	Objectives	This course will introduce the principle and application of modern mass spectrometers and teach students to properly interpreting the mass spectra.
教材	自訂教材及參考教材：Introduction to mass spectrometry (J. T. Watson), Mass spectrometry: principle and applications (E. de Hoffmann &W. Schrepp)	Teaching Materials	自訂教材及參考教材：Introduction to mass spectrometry (J. T. Watson), Mass spectrometry: principle and applications (E. de Hoffmann &W. Schrepp)
成績評量方式	口頭報告 20% 筆試 (2次) 80%	Grading	口頭報告 20% 筆試 (2次) 80%
教師網頁	-		
教學內容	質譜理論.各種質譜儀介紹與應用.GC/MS, LC/MS, MALDI/TOF 實機講解與操作.	Syllabus	Theory of mass spectrometry; Introduction of various Mass spectrometers and their application; Plactical operation of GC/MS, LC/MS, MALDI-TOF/MS.

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