朝陽科技大學 095學年度第2學期教學大綱
Mass Spectrometry 質譜儀分析

當期課號	7185	Course Number	7185
授課教師	陳政男	Instructor	CHEN,CHANG NAN
中文課名	質譜儀分析	Course Name	Mass Spectrometry
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	使學生能了解各式質譜儀之原理並能藉實際操作儀器了解其應用	Objectives	The object of this course is that students will understand the principle and structure of mass spectrometer and its application by running the real samples in the mass spectrometers
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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