

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; Practical operation of GC/MS, LC/MS, MALDI-TOF/MS. |

尊重智慧財產權，請勿非法影印。