朝陽科技大學 099學年度第1學期教學大綱
Instrumental Analysis(Ⅱ) 儀器分析(二)

當期課號	1680	Course Number	1680
授課教師	陳政男	Instructor	CHEN,CHANG NAN
中文課名	儀器分析(二)	Course Name	Instrumental Analysis(Ⅱ)
開課單位	應用化學系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程將分別介紹各種原子及分子分析光譜儀器的原理、功能及實際的應用。	Objectives	This course will introduce both atomic and molecular spectroscopies . The principles, instrumentations, functions, and practical applications of these techniques will also be included.
教材	Principles of Instrumental Analysis, 6th Edition, Skoog; Holler; Crouch	Teaching Materials	Principles of Instrumental Analysis, 6th Edition, Skoog; Holler; Crouch
成績評量方式	4次筆試總合(20%, 20%, 20%, 30%), 出席成績 10%	Grading	Total % of four tests are 90 % (20%, 20%, 20%, 30%), presence get 10%.
教師網頁			
教學內容	儀器分離方法介紹:本學期內容將介紹層析分離方法，包括氣相層析儀、液相層析儀、超臨界液相層析儀、超臨界流體層析及萃取、毛細管電泳層析。	Syllabus	The objective of this course is to introduce the instrumental separation methods: include (1)gas chromatography,(2)liquid chromatography, (3)supercritical fluid chromatofraphy and Extraction, and (4)Capillary electrophoresis and capillary electrochromatography.

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