朝陽科技大學 092學年度第2學期教學大綱
Instrumental Analysis(I) 儀器分析(一)

當期課號	1607	Course Number	1607
授課教師	許世興	Instructor	SHEU,CE SHING
中文課名	儀器分析(一)	Course Name	Instrumental Analysis(I)
開課單位	應用化學系(四日)二B	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	本課程將廣泛地介紹光譜分析技術，包含：光學原理、儀器原理及其在分析化學之應用。	Objectives	This course will introduce spectrochemical analysis, including principles of optical components and instrument and applications of spectrometry.
教材	老師口授爲主	Teaching Materials	principally, instructed by teacher
成績評量方式	三次考試平均	Grading	Average of three test
教師網頁			
教學內容	光譜法之導論\光學儀器之組件\原子吸收光譜法與原子螢光光譜法\原子放射光譜法\紫外光與可見光分子吸收光譜法之介紹\紫外光與可見光分子吸收光譜法之應用\分子放光光譜法\紅外線光譜法之介紹\紅外線光譜法之應用	Syllabus	An Introduction to Spectrometric Methods; Components of Optical Intruments; Atomic Absorption and Atomic Fluorescence Spectrometry; Atomic Emission Spectrometry; An Introduction to Ultraviolet/Visible Molecular Absorption Spectrometry; Applications to Ultraviolet/Visible Molecular Absorption Spectrometry; Molecular Luminescence Spectrometry; An Introduction to Infrared Spectrometry; Applications to Infrared Spectrometry

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