朝陽科技大學 097學年度第2學期教學大綱
Instrumental Analysis(I) 儀器分析(一)

當期課號	1767	Course Number	1767
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)三A	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	以口頭傳授爲主,教學內容深入淺出	Teaching Materials	Teacher principally dictates.
成績評量方式	考試2次	Grading	Average of two tests.
教師網頁			
教學內容	光譜化學分析緒論,光學分析法的儀器,分子吸收光譜學,分子螢光光譜學,質譜學,原子光譜學	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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