朝陽科技大學 096學年度第2學期教學大綱
Analytical Chemistry of Medicine 藥物分析化學

當期課號	1621	Course Number	1621
授課教師	許世興	Instructor	SHEU,CE SHING
中文課名	藥物分析化學	Course Name	Analytical Chemistry of Medicine
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	本課程將介紹藥物的物理與化學性質及及儀器分析原理包括光譜化學與分離技術等，對藥物進行定性與定量的分析。	Objectives	This course will introduce physical and chemical properties of drug molecules as well as the principles of instrumentations including spectroscopic chemistry and separation techniques. The quality and quantity of drug molecules by analytical chemistry will be focused and discussed.
教材	藥物分析化學及老師自編的實習教材.	Teaching Materials	Pharmaceutical analysis 作者:David G. Watson 出版社: Churchill Livingstone and some experimental materials edited by teacher.
成績評量方式	30%上課狀況, 20%作業,30%考試 及30%實驗等成績.	Grading	30% attendance, 20% homeworks,30% tests and 30% experiments.
教師網頁	_		
教學內容	分析方法的確認. 藥物的物理與化學性質. 層析的基礎理論. 液相層析.氣相層析. 薄片層析.毛細管電泳.並且進行藥物分析實習課程.	Syllabus	Control of the quality of analytical methods; Physical and chemical properties of drug molecules; The basic theory of Chromatography ; High pressure liquid chromatography; Gas chromatography; Thin layer chromatography; High performance capillary electrophoresis. And some experiments of pharmaceutical analysis

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