朝陽科技大學 097學年度第2學期教學大綱
Computer and Chemistry 電腦與化學

當期課號	1751	Course Number	1751
授課教師	謝定國	Instructor	HSIEH,DEAN KUO
中文課名	電腦與化學	Course Name	Computer and Chemistry
開課單位	應用化學系(四日)二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程的教學目標在使學生能熟悉一些PC上常用的套裝軟體；除了ChemDraw，Chem3D，Beilstein 等和化學有關的應用程式外，依學生程度， 還可能包括數值分析，影像處理的軟體。	Objectives	Computer has become the most important tool in scientific research today. In this undergraduate senior course we will evaluate the importance of computer techniques in studying organic chemistry, physical chemistry, analytical chemistry and chemical education. Molecular modeling simulation, numerical methods will be discussed. Students will be trained to get familiar with computer programs including MS office, ChemDraw, Chem 3D, Mathcad, FORTRAN, C language and Netscape.
教材	教師編寫講義	Teaching Materials	lecture notes
成績評量方式	網路學習紀錄 30% 專題製作 40% 期末考 30%	Grading	Recordsin net-college 30% Practical training 40% final examination 30%
教師網頁	_		
教學內容	Excel和 Netlogo在化學專題之應用。	Syllabus	Application of Excel and NetLogo in doing research in chemistry.

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