

朝陽科技大學 093學年度第1學期教學大綱
Computer and Chemistry 電腦與化學

當期課號	6238	Course Number	6238
授課教師	錢偉鈞	Instructor	CHIEN,WEI JYUN
中文課名	電腦與化學	Course Name	Computer and Chemistry
開課單位	應用化學系(二進)五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	Excel for engineers and scientists / S.C. Bloch. New York : Wiley , c2000.	Teaching Materials	
成績評量方式		Grading	
教師網頁	http://www.cyut.edu.tw/~wjchien		
教學內容	化學資訊蒐尋實務 分子模擬軟體 試算表軟體與數值分析操作實務	Syllabus	Search Training for Chemical Information Molecular modeling and Simulation Numerical Analysis using spreadsheet

尊重智慧財產權，請勿非法影印。