朝陽科技大學 092學年度第1學期教學大綱
General Chemistry（Ⅰ）普通化學(一)

當期課號	1659	Course Number	1659
授課教師	徐基東	Instructor	HSU,CHI TUNG
中文課名	普通化學(一)	Course Name	General Chemistry (Ⅰ)
開課單位	應用化學系(四日)一B	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	介紹化學之基本知識與觀念，使學生開始接觸較基礎的有機化學、分析化學、物理化學、生物化學，以便在二年級以後更有效率地學習各門化學之專業科目。	Objectives	This course deals with the prelimianry introduction of first-year college chemistry. It includes the basic materials of organic chemistry, inorganic chemistry, analytic chemistry and physical chemistry.The details of the contents involving chemical bonding, elements, and chemical compounds, solution chemistry, various types of chemical reaction consisting of acid and base, oxidation and reduction, precipitation, etc., thermochemistry, chemical equilibrium, kinetics, thermodynamics, coordination compounds, organic chemistry and polymers. The format of this course includes lecture, problem setes, examination and recitation.
教材	課堂講解	Teaching Materials	Lecture
成績評量方式	總分100分,每教完一章考一次小考, 本學期共12次小考 總分即12次平均	Grading	One quiz for each Chapter finished. Total score is the average of 12 quizzes.
教師網頁			
教學內容	化學簡介, 原子,分子和摩爾數,化學反應,氣體定律,週期表,化學鍵. 溶液的物理性質	Syllabus	Introduction to chemistry, atoms and molecules, chemical reactions, gas laws, periodic tables,chemical bonding. Liquids and solids; and physical properties of solutions.

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