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	1645	Course Number	1645
授課教師	陳家鐘	Instructor	CHEN,CHIA CHUNG
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A	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	1．口頭教學 2．使用投影片、原子、分子模型等	Teaching Materials	1. verbal staements with chalks and blackboard 2. overhead, molecular model, computer.
成績評量方式	8次小考，期中考及期末考	Grading	8 quizzes, mid-term and final exams.
教師網頁			
教學內容	一、 學習基本的理論及定義。 二、 學習不同的主題，爲日後的高階課程打基礎。 讓學生學習基本的化學知識,由淺而深,包括理論及應用。使學生奠定好的基礎後才能修習其他進階的課程,如:分析、無機、有機、物理化學等高年級課程。	Syllabus	1. learning basic chemistry theory and definition. 2. learning different chemistry topics, as foundation for future chemistry courses, such as organic chemistry, analytical chemistry, physical chemistry and inorganic chemistry.

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