朝陽科技大學 093學年度第1學期教學大綱
Basic Chemistry 基礎化學

當期課號	1544	Course Number	1544
授課教師	楊聰仁	Instructor	YANG,TSONG JEN
中文課名	基礎化學	Course Name	Basic Chemistry
開課單位	應用化學系(四日)一A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	使新進學生具備基礎數理能力，奠定其未來四年專業課程之學習效果。	Objectives	This course is aimed to enhance freshmen's fundamental ability in high school mathematics. Course content contains several review topics regarding 1.The properties of numbers and their applications, 2. Logarithmic and Exponential functions, 3. Trigonometric functions, 4. Vectors, 5. Plane analytic geometry, 6. Matrix and solution of algebraic equations, and certain optional themes.
教材	自行編寫講義。 Chemistry, Steven S. Zumdahl,5th ed.(Houghton Mifflin Company,2000).	Teaching Materials	
成績評量方式	以十次測驗成績核計。	Grading	Based on scores of ten quizes.
教師網頁	_		
教學內容	建立基礎化學觀念,包括物資構造,元素週期表,化合物與化學式,化學反應,化學鍵,物質三態,化學平衡,酸與鹼,化學動力學,有機化學。	Syllabus	Basic chemistry concepts will be introduced,including structure of matter, periodic table, compounds and chemical formula, chemical reactions, chemical bonding, solid,liquid and gaseous states, chemical equilibrium, acid-base, chemical kinetics, and organic chemistry.

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