朝陽科技大學 091學年度第1學期教學大綱
Organic Chemistry(I) 有機化學(一)

當期課號	6404	**Course Number**	6404
授課教師	陳清玉	**Instructor**	CHERN,CHING YUH
中文課名	有機化學(一)	**Course Name**	Organic Chemistry(I)
開課單位	應用化學系(二進)三A	**Department**	
修習別	必修	**Required/Elective**	Required
學分數	3	**Credits**	3
課程目標	本課程目的在建立學生基礎有機化學的概念，對各種不同的官能基的製備、性質、結構的介紹。著重於合成方法的探討，藉以了解各式化學反應，立體化學觀念的建立亦是本課程之另一重點。	**Objectives**	This course is intended for students to be familiar with organic synthesis. Basic principles of organic chemistry are taught in this one-year course. The properties of major functional groups are introduced systematically along with reaction mechanisms at appropriate places. The discussions of reaction types and chemical transformations are included. The basic concepts of stereochemistry are discussed in considerable details. The terms and relationships and properties of stereoisomers are emphasized. Another purpose of this course is to bridge the gap between organic chemistry and biochemistry in teaching the basic mechanistic principles of molecular interactions.
教材	講義、投影片	**Teaching Materials**	
成績評量方式	小考佔50% 作業佔10% 期中考佔20% 期末考佔20%	**Grading**	
教師網頁			
教學內容	有機化學主要在學習化學結構與反應性的關係，爲了解此在每章中分別介紹不同的反應機構與官能基。進而應用這些化學到我們週遭所接觸到的生活上。	**Syllabus**	

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