朝陽科技大學 094學年度第1學期教學大綱
Organic Chemistry(I) 有機化學(一)

當期課號	1631	Course Number	1631
授課教師	卓重光	Instructor	JOW,CHUNG KUANG
中文課名	有機化學(一)	Course Name	Organic Chemistry(I)
開課單位	應用化學系(四日)二B	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	Organic Chemistry 5th edition John McMurry Brooks/Cole	Teaching Materials	
成績評量方式	Midterm 4*15%=60% homeworks 15% Final 25	Grading	Midterm 4*15%=60% homeworks 15% Final 25
教師網頁			
教學內容	This Course will introduce Students some basic concepts of Organic Chemistry! The course will start from the Bonding and Structure. Then briefing some Organic Compounds, ie Alkanes, Alkenes, Alkynesand Alkyl halide. Most of the Course are including the naming, properties, reactions and preparations. Also will discuss the new concept of stereochemistry.	Syllabus	This Course will introduce Students some basic concepts of Organic Chemistry! The course will start from the Bonding and Structure. Then briefing some Organic Compounds, ie Alkanes, Alkenes, Alkynesand Alkyl halide. Most of the Course are including the naming, properties, reactions and preparations. Also will discuss the new concept of stereochemistry.

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