

朝陽科技大學 091學年度第2學期教學大綱
Organic Chemistry(II) 有機化學(二)

當期課號	6398	Course Number	6398
授課教師	陳清玉	Instructor	CHERN,CHING YUH
中文課名	有機化學(二)	Course Name	Organic Chemistry(II)
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	本一學年課程之目的在對大二之學生介紹有機化學之基本原理，對有機分子結構與反應進行系統介紹，進而介紹合成反應以整合所學知識。	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、黑板授課	Teaching Materials	Handout, Blackboard.
成績評量方式	作業 20% 小考 40% 期末考 40%	Grading	Homework 20% Quiz 40% Final examination 40%
教師網頁	-		
教學內容	著重在分子結構、官能基、與基本有機反應的介紹，屬於一般性的基礎課程。	Syllabus	This course will provide students with the means to master the fundamentals of the subjects. I will emphasize on detailed explanation of structure, mechanisms, and basic important organic reactions.

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