朝陽科技大學 097學年度第2學期教學大綱
Advanced Organic Synthesis 高等有機合成

當期課號	7176	Course Number	7176
授課教師	周德璋	Instructor	CHOU,TEH CHANG
中文課名	高等有機合成	Course Name	Advanced Organic Synthesis
開課單位	應用化學系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程的目標在於介紹有機合成化學的基本原理與現代有機合成技術給學生，使其能應用這些知識解決有機合成化學領域的問題。課程內容包含：有機化學基本反應、有機反應機構、有機反應原理、有機合成的設計與應用、合成實例的探討等。	Objectives	The course cover rearrangement, fragmentation, free radical reactions. Synthetic application of transition metals will be discussed. Synthetic design and total synthesis of some natural products are also involved.
教材	Discusion with students by blackboard! and ask students to search some Journals for the advanced knowledge of Organic synthesis Chemistry! lots of homeworks!!	Teaching Materials	Discusion with students by blackboard! and ask students to search some Journals for the advanced knowledge of Organic synthesis Chemistry! lots of homeworks!!
成績評量方式	3次 120分鐘考試，每次佔30%	Grading	3 2-hour examinations, 30% each
教師網頁			
教學內容	This course contains the advanced Knowledge of Organic Synthesis Chemistry! including the stereochemistry, Mechanism and some Reactions.	Syllabus	This course contains the advanced Knowledge of Organic Synthesis Chemistry! including the stereochemistry, Mechanism and some Reactions.

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