

朝陽科技大學 092學年度第1學期教學大綱
Special Topics in Organic Reactions 有機反應特論

當期課號	7171	Course Number	7171
授課教師	徐基東	Instructor	HSU,CHI TUNG
中文課名	有機反應特論	Course Name	Special Topics in Organic Reactions
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	對現代有機反應的應用及其系列的探討，特別是近十年來著名的文獻及其合成，作逐一的研討。	Objectives	The main purpose of this course is to provide the knowledge of more complicate organic reactions, emphasis on the key papers for the recent years.
教材	除了課堂講授之外,學生選讀老師指定的,有關本課程的化學文獻,並作摘要	Teaching Materials	Class lectures. Students read and summerize additional articles related to the topics. The articles will be selected by the teacher.
成績評量方式	平時的文獻演讀和摘要:70% 期末考:30%	Grading	Literatue readings and summerization: 70% End of Semester Exam: 30%
教師網頁	-		
教學內容	alpha-胺基磷酸和胺基亞磷酸的反應及合成 其他非alpha-胺基磷酸和胺基亞磷酸的反應及合成 非對稱胺基磷酸和胺基亞磷酸的反應及合成 有關利用胺基磷酸和胺基亞磷酸在 HIV Protease Inhibitors 上的設計及合成	Syllabus	alfa-aminoalkanephosphonic and aminophosphinic acids, their reactions and synthesis. Other kinds of alfa-aminoalkanephosphonic and aminophosphinic acids, their reactions and synthesis. Asymmetric synthesis of alfa-aminoalkanephosphonic and aminophosphinic acids Aminophosphonic and aminophosphinic acids in the design and synthesis of HIV protease inhibitors

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