朝陽科技大學 099學年度第1學期教學大綱
Organic Chemistry Laboratory (I) 有機化學實驗(一)

當期課號	1655	Course Number	1655
授課教師	曾瑞昌	Instructor	TSENG,JUI CHANG
中文課名	有機化學實驗(一)	Course Name	Organic Chemistry Laboratory (I)
開課單位	應用化學系(四日)二A	Department	
修習別	必修	Required/Elective	Required
學分數	1	Credits	1
課程目標	本課程的目的在將理論實務化，藉著一些簡單技巧與實驗將所學到的理論在實驗室中實際的去動手操作，藉此操作幫助我們更深入了解理論，同時可幫助發展更有用之理論。	Objectives	The one-year course is mainly divided into two parts. The first part is related to the basic training that gives students all techniques they need for doing synthetic organic chemistry. The second part focuses on doing fundamental reactions which students learn from lecture so that the students become familiar to the reaction principle through hand on experiments.
教材	Techniques and experiments for organic chemistry (R. J. Fessenden and J. S. Fessenden)。	Teaching Materials	Techniques and experiments for organic chemistry (R. J. Fessenden and J. S. Fessenden).
成績評量方式	實驗準備報告20%、實驗報告20%、實驗操作技巧20%、期中與期末筆試30% (各占15%)、小考10%。詳細評分規定與扣分方式將於課堂宣佈。	Grading	Pre-lab reports 20%, experimental reports 30%, practical performance 20%, midterm and final exams 30% (15% each), quiz 10%. Detailed grading methods will be announced during check-in session.
教師網頁			
教學內容	熟悉有機實驗器材及其用途，與有機合成及純化之實驗，並學習有機實驗基本技巧。此外，更應了解實驗室的安全原則及規範，學習實驗倫理，以利未來的興趣規劃。	Syllabus	Students shall be familiar with the function and operating techniques of organic laboratory apparatus, as well as the techniques learned in various organic synthesis procedures and purifications. In addition, they should also need to learn laboratory safty rules and experimental ethics.

尊重智慧財產權，請勿非法影印。