# 朝陽科技大學 096學年度第1學期教學大綱
# Experimental Organic Chemistry(Ⅰ) 有機化學實習(一)

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| 當期課號 | 1614 | Course Number | 1614 |
| 授課教師 | 徐基東 | Instructor | HSU,CHI TUNG |
| 中文課名 | 有機化學實習(一) | Course Name | Experimental 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 | 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 of organic chemistry by R.J. Fessenden and J.S. Fessenden | Teaching Materials | Techniques and experiments of organic chemistry by R.J. Fessenden and J.S. Fessenden |
| 成績評量方式 | 1. 實驗前準備報告: 20%<br>2. 實驗報告: 30%<br>3. 實驗操作技巧: 30%<br>4. 期中及期末筆試: 20% | Grading | 1. Pre-lab reports: 20%<br>2. Final reports: 30%<br>3. Lab Performance: 30%<br>4. Lab technique exams: 20% |
| 教師網頁 | _ | | |
| 教學內容 | 1. 熟悉主要的有機實驗器材及其用途.<br>2. 學習實驗之基本技巧.<br>3. 了解實驗室的安全原則及規章. | Syllabus | 1. Get familiar with various lab equipments and their uses in organic reations and preparations.<br>2. Learn the basic skills of different experiments for more advanced synthetic programs in the future.<br>3. Understand the safety principles and safety rules. |

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