

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	有機化學實驗	Serial No. / ID	1270 / BTI2091
Dept.	生物產業科技學系	School System / Class	大學日間部2年1班
Lecturer	張基郁	Full or Part-time	專任
Required / Credit	Required / 1	Graduate Class	No
Time / Place	(一)789 / H626	Language	Chinese

## Introduction

Learning the basic operation skills in organic chemistry.

## Outline

1. Calibration of thermometer
2. Measurement of melting point
3. Crystallization
4. Extraction
5. Distillation
6. Chromatography
7. Separation of natural products
8. Chemical reaction of alcohol
9. Chemical reaction of aldehyde
10. Analysis of anti-oxidative activity
11. Lipid and soap
12.  $\text{HCOOH}$  and  $\text{CH}_3\text{COOH}$

## Prerequisite

General Chemistry, organic chemistry.