

# 98-1 Preliminary Syllabus, Da-Yeh Univ

| Information       |               |                       |                |
|-------------------|---------------|-----------------------|----------------|
| Title             | 有機化學實驗        | Serial No. / ID       | 0753 / BTI2091 |
| Dept.             | 生物產業科技學系      | School System / Class | 大學日間部2年1班      |
| Lecturer          | 黃新義           | Full or Part-time     | 兼任             |
| Required / Credit | Required / 1  | Graduate Class        | NO             |
| Time / Place      | (四)234 / H626 | Language              | Chinese        |

| Introduction  |
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| Learning the basic operation skills in organic chemistry. |

| Outline  |
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| 1. Calibration of thermometer<br>2. Measurement of melting point<br>3. Crystallization<br>4. Extraction<br>5. Distillation<br>6. Chromatography<br>7. Separation of natural products<br>8. Chemical reaction of alcohol<br>9. Chemical reaction of aldehyde<br>10. Analysis of anti-oxidative activity<br>11. Lipid and soap<br>12. HCOOH and CH <sub>3</sub> COOH |

| Prerequisite                          |
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| General Chemistry, organic chemistry. |