

# 102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	普通化學實驗	Serial No. / ID	0537 / MBI1092
Dept.	分子生物科技學系	School System / Class	大學日間部1年1班
Lecturer	李泰林	Full or Part-time	專任
Required / Credit	Required / 1	Graduate Class	No
Time / Place	(三)34N / J515	Language	Chinese

Introduction
The aim of this course is leading student to familiar the experiment holding in laboratory. Accordingly, the student can establish their ability in lab work, further study or career.

Outline
<ol style="list-style-type: none"><li>1. Introduction</li><li>2. Clean Laboratory</li><li>3. Safety code</li><li>4. Formula and Composition of a Hydrate.</li><li>5. Physical Changes and Chemical Reactions</li><li>6. Identification of Common Chemicals</li><li>7. Titration of Acids and Bases</li><li>8. Spectrophotometric Analysis of Commercial Aspirin</li><li>9. Middle-term examination</li><li>10. Molecular Models and Covalent Bonding</li><li>11. Determination of an Equilibrium Constant</li><li>12. Weak Acids and Bases and Their Salts</li><li>13. Investigation of Buffer Systems</li><li>14. Determination of Acid-Neutralizing Power of Commercial Antacids</li><li>15. Determination of a Solubility Product Constant</li><li>16. Clean the working area</li><li>17. Division report</li><li>18. Term examination</li></ol>

Prerequisite
None