

100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	分析化學實驗	Serial No. / ID	0545 / MBI2092
Dept.	分子生物科技學系	School System / Class	大學日間部2年1班
Lecturer	李泰林	Full or Part-time	專任
Required / Credit	Required / 1	Graduate Class	No
Time / Place	(四)N56 / J515	Language	Chinese

Introduction
The aim of this Analytical Chemistry experiment is leading student to familiar the experiment holding in laboratory. Accordingly, the student can do good measurement, collect and analysis data. As a consequence, establish their ability in lab work, further study or career.

Outline
<ol style="list-style-type: none">1. Introduction2. Clean Laboratory3. Safety code4. Acid base neutralization: acetate analysis5. Precipitation analysis: chlorine content in bleach6. Oxidation and reduction analysis7. EDTA Titration8. Iodine titration to analyze Vitamine C9. Middle-term examination10. Introductory to pH meter11. Extraction and concentration12. Paper Chromatography13. Thin-layer Chromatography14. Column Chromatography15. Introductory to spectrophotometer16. Spectrophotometer in enzyme assay17. Clean working area18. Term examination

Prerequisite
Chemistry