

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	分析化學實驗	Serial No. / ID	0333 / 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	(三)9AB / J515	Language	Chinese

Introduction
<p>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.</p>

Outline
<ol style="list-style-type: none"> 1. Introduction 2. Clean Laboratory 3. Safety code 4. Acid base neutralization: acetate analysis 5. Precipitation analysis: chlorine content in bleach 6. Oxidation and reduction analysis 7. EDTA Titration 8. Iodine titration to analyze Vitamine C 9. Middle-term examination 10. Introductory to pH meter 11. Extraction and concentration 12. Paper Chromatography 13. Thin-layer Chromatography 14. Column Chromatography 15. Introductory to spectrophotometer 16. Spectrophotometer in enzyme assay 17. Clean working area 18. Term examination

Prerequisite
Chemistry