

98-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	分析化學實驗	Serial No. / ID	0625 / EVI1096
Dept.	環境工程學系	School System / Class	大學日間部1年1班
Lecturer	施英隆	Full or Part-time	專任
Required / Credit	Required / 1	Graduate Class	NO
Time / Place	(五)123 / H626	Language	Other

Introduction
<p>The central purpose of this lab course is to give students an introduction to the theories and principles of quantitative analysis, a major area of analytical chemistry, and to provide them hand-on operation of laboratory experiments in gravimetric, volumetric analysis. The course is aimed at developing independent thought and laboratory skills and problem-solving abilities.</p> <ol style="list-style-type: none">1. To introduce students to classical laboratory techniques.2. Acquaint students with basic analytical methods (gravimetric and titrimetric) and operations.3. Prepare students for future working in advanced research analytical laboratories

Outline
<p>Introduction Neutralization Precipitation Titration of complex Unknown analysis Redox analysis Chromate titration Hardness</p>

Prerequisite
General chemistry