

99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物化學實驗	Serial No. / ID	0485 / MBI3090
Dept.	分子生物科技學系	School System / Class	大學日間部3年1班
Lecturer	蔡清輝	Full or Part-time	兼任
Required / Credit	Required / 1	Graduate Class	No
Time / Place	(二)N56 / J211	Language	Chinese

Introduction
The aim of this Biochemistry experiment is leading student to familiar the experiment holding in laboratory. Accordingly, the student should collect data, analyze it and report it. Consequently, establish their ability in lab work, further study or career.

Outline
<ol style="list-style-type: none">1. Laboratory rule2. Cleaning3. Amino acid separation by ion-exchange chromatography4. Protein separation by SDS-PAGE5. Potato polyphenolic enzyme preparation6. Basic protease activity assay7. DNA and RNA extration8. Polysaccharide intermediate analysis9. Middle-term examination10. Protein estimation11. Reduce-end of saccharide measurement12. Phosphate anabolism13. Amino acid separation by paper chromatography14. Thrombolytic enzymes activity15. TLC separation of soluble sugar16. Group reporting17. Working area cleaning18. Term examination

Prerequisite
Biology and Chemistry