

## 102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	植物組織培養學與實習	Serial No. / ID	0598 / MBI2026
Dept.	分子生物科技學系	School System / Class	大學日間部1年1班
Lecturer	余聰安	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(一)78 / J505 (一)9 / J506	Language	Chinese

Introduction
<p>Plant tissue culture is modern and popular biotechnology. Basic training in life science, technique training in molecular biotechnology development and application, and practice training in bio-industry are our course goals. This course gives instruction in basic background and practice lab operation of plant tissue culture. We hope the student has the ability for practices knowledge and e x e c u t e capability in plant biotechnology.</p>

Outline
<p>                     Introduction (medium preparation)                      Introduction of plant tissue culture (carrot r o o t culture)                      Development and differiation of plant (tobacco leaf culturure)                      Equipment of plant tissue culture                      Explant sterization                      Orchid sterization seeddling                      micropagation (shoot tip culture of papaya)                      Callus and somatic embryo                      Healthy plantlets                 </p>

Prerequisite
life