

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	微生物學實驗	Serial No. / ID	0523 / MBI2091
Dept.	分子生物科技學系	School System / Class	大學日間部2年1班
Lecturer	劉淑瑛	Full or Part-time	專任
Required / Credit	Required / 1	Graduate Class	No
Time / Place	(二)89 / J515 (二)A / J515	Language	Chinese

Introduction
Students will have hands-on opportunity on basic microbiological techniques covering isolating, culturing, characterizing, & staining techniques of microorganisms, microscopic examination & measurement of living and stained cell preparations, differential and selective media culture, the Kirby-Bauer antibiotic sensitivity test, quantitative analysis of water, microbial flora of the mouth and skin etc.

Outline
<ol style="list-style-type: none"><li>1. Basic laboratory techniques for isolation, cultivation, and cultural characterization of microorganisms</li><li>2. Microscopy</li><li>3. Bacterial staining</li><li>4. Biochemical activities of microorganisms</li><li>5. Microbiology of water</li><li>6. Immunology</li></ol>

Prerequisite
Basic knowledge in microbiology