

## 97-2 Preliminary Syllabus, Da-Yeh Univ

| Information       |               |                       |                |
|-------------------|---------------|-----------------------|----------------|
| Title             | 環境微生物學實驗      | Serial No. / ID       | 0873 / EVI1095 |
| Dept.             | 環境工程學系        | School System / Class | 大學日間部1年2班      |
| Lecturer          | 張玉明           | Full or Part-time     | 專任             |
| Required / Credit | Required / 1  | Graduate Class        | NO             |
| Time / Place      | (五)567 / H623 | Language              | Chinese        |

| Introduction  |
|---|
| Learning of microbiology is obtained from both lectures and practices. This course is a compulsory attachment of the ' Microbiology ' course taught to freshmen in the Environmental Engineering Department. Basic principles in microbiology are taught so that students can apply these principles to applications in environmental protection practices. Importance of the interrelationships between microbes and life supporting environment is emphasized so that students are ready for the task of building a balance biosphere and a sustaining environment. |

| Outline  |
|--|
| Microscope operation<br>Staining<br>Aseptic operation<br>Media preparation<br>Culture and cultivation<br>Numeration<br>Basic application |

| Prerequisite |
|--------------|
| None         |