## 98-1 Preliminary Syllabus, Da-Yeh Univ

| Information       |              |                       |                |
|-------------------|--------------|-----------------------|----------------|
| Title             | 生物科技與生命倫理H2  | Serial No. / ID       | 0147 / CDC6506 |
| Dept.             | 共同教學中心       | School System / Class | 大學日間部6年1班      |
| Lecturer          | 余聰安          | Full or Part-time     | 專任             |
| Required / Credit | Optinal / 2  | Graduate Class        | NO             |
| Time / Place      | (三)56 / P501 | Language              | Chinese        |

## Introduction

Through out the course, the following perspectives will be anticipated:

- 1. Students should be able to get a better view about modern biotechnology and bioindustry.
- 2. Students should be able to get a better view about the relations between modern biotechnology and life.
- 3. Students should be able to get a better view about the application of modern biotechnology in modern living.
- 4. Students should be able to get a better view about the important roles played by modern biotechnology in our future life.
- 5. Students should be able to get a better view about bioethics.

## Outline

Introduction

Biotechnology

DNA world 1

DNA world 2

Gene secret

Genetic engineering

Genetic modification

Group discussion

Biotechnology and ethics

Reproductive Technology and ethics

Making baby and ethics

Organ transplant and ethics

Human subject research and ethics

Terminal care and ethics

Death control

Report

Report

Report

## Prerequisite

no