

100-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 生物科技與生命倫理H1 | Serial No. / ID | 0153 / CDC6505 |
| Dept. | 共同教學中心 | School System / Class | 大學日間部6年1班 |
| Lecturer | 江主惠 | Full or Part-time | 專任 |
| Required / Credit | Optinal / 2 | Graduate Class | NO |
| Time / Place | (三)56 / P401 | Language | Chinese |

| Introduction |
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| 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 |
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| 1. Bioresources, biotechnology and bioindustry |
| 2. Human genome project |
| 3. Cord blood and stem cells |
| 4. Nutraceutical industry |
| 5. Medical and pharmaceutical industry |
| 6. Bioinformatics |
| 7. Biodiversity |
| 8. Global warming |
| 9. Bioethics |

| Prerequisite |
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| No |