

100-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
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| Title | 真核分子生物技術(二) | Serial No. / ID | 1649 / MBI4003 |
| Dept. | 分子生物科技學系 | School System / Class | 大學日間部3年1班 |
| Lecturer | 江主惠 | Full or Part-time | 專任 |
| Required / Credit | Optinal / 3 | Graduate Class | No |
| Time / Place | (一)234 / J218 | Language | Chinese |

| Introduction | |
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| This course introduces how recombinant DNA technology can be used to create various useful products. The contents will include experimental results and actual methodological strategies to illustrate basic concepts. | |

| Outline | |
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| 4 Chemical synthesis, Amplification, and Sequencing of DNA | |
| 5: Bioinformatics, Genomics, and Proteomics | |
| 6: Manipulation of gene expression in Prokaryotes | |
| examination7: Heterologous protein production in eukaryotic cells | |
| 8: Directed mutagenesis and protein engineering | |
| 9: Molecular diagnostics | |
| examination | |

| Prerequisite | |
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| None | |