

101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	真核分子生物技術(二)	Serial No. / ID	0523 / 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)789 / J216	Language	Chinese

Introduction	
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	
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	
None	