朝陽科技大學 096學年度第1學期教學大綱
Special Topics of Bioindustry 生物技術產業特論

當期課號	7219	Course Number	7219
授課教師	詹□松	Instructor	CHAN,HSIAO SUNG
中文課名	生物技術產業特論	Course Name	Special Topics of Bioindustry
開課單位	生物技術研究所碩士班一A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標		Objectives	
教材	教師自編教材	Teaching Materials	teachers own material
成績評量方式	期中考 40% 期末考 40% 出席 20%	Grading	mid term: 40%, final term: 40% and attendace: 20%
教師網頁	http://www.cyut.edu.tw~argentina		
教學內容	無特定病原種曲在現代農業上之重要性與應用 微生物農藥概論 免疫學在生物技術產業之應用 基因重組技術在醫藥生物技術產業的應用 費洛蒙之研發及其在植物保護之應用(3hr) 抗癌藥物與基因治療之研發 生物資訊學在生物技術產業之應用及發展 抗除草劑基改作物之特性及檢測 生技產品效能及安全評估技術概論 醫學檢驗的未來發展趨勢	Syllabus	Importance and application of SPF pathogenic Application of recobminant DNA techniques in pharmaceutical and biotech industry Development of gene therapy and anti-cancer drugs Application and development of bioinformatics in biotech industry Study and diagnosis of transgenic crops functional genomic study of agricultural crops mid term application of immunology in biotechnology industry develoment and application in plant protection of pheromone safety evaluation of transgenic plants introduction to efficacy of biotechnology product and safety evaluation techniques Trends of medical diagnostics Introduction to microbiological insecides Research and application of plant viral vectors Application of bioprocess engineering in biotech industry Final term

尊重智慧財產權，請勿非法影印。