朝陽科技大學 091學年度第1學期教學大綱
Special Topics in Biotechnology 生物科技特論

當期課號	7713	Course Number	7713
授課教師	蔡新聲	Instructor	TSAY,HSIN SHENG
中文課名	生物科技特論	Course Name	Special Topics in Biotechnology
開課單位	應用化學系碩士在職專班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	生物技術是一個成長且影響我們深遠的工業，這個課程設計的目標，就是要讓學生瞭解到現階段生物技術的知識發展並且熟悉基本的分子與遺傳技術，延伸此項知識基礎所帶來龐大的發展與應用契機。課程前半部將包含應用DNA技術的基本知識，其次是使學生瞭解生物技術之尖端應用並且從專業期刊的研讀中追尋學習此一領域相關技術之能力。	Objectives	Biotechnology is a growing industry and the products of this industry impact us all. The primary objective of this course is to expose students to current knowledge of biotechnology, and for students to understand thoroughly the basic molecular and genetic techniques and approaches that form the base for the huge variety of further developments and applications that fall under the umbrella of Biotechnology. This foundation will be covered largely in the first half of the course, in which we will go thorough several techniques that are used in applied DNA technology in a variety of fields. Secondly, is for students to be able to understand and evaluate sophisticated and current applications of Biotechnology. The topics covered are necessarily subjectively chosen, as opposed to being comprehensive, but acquiring the ability to learn through professional journals will allow students to pursue their own specific interests subsequently.
教材	以幻燈片・單槍投影及投影片等方式介紹生物技術・	Teaching Materials	
成績評量方式	測驗・	Grading	
教師網頁			
教學內容	網羅國內生物技術各領域之專家，針對各人之專長介紹該領域之生物技術，讓同學們了解國內生物技術之發展概況・	Syllabus	

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