

朝陽科技大學 092學年度第1學期教學大綱
Special Topics of Chemical Industry 化學工業專論

當期課號	6234	Course Number	6234
授課教師	楊德芳	Instructor	YANG,TE FANG
中文課名	化學工業專論	Course Name	Special Topics of Chemical Industry
開課單位	應用化學系(二進)五A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	本課程目的在使學生了解化學工業製程之實際操作過程，並具備程序控制的基本概念。進一步使用程序控制儀表等操作工廠生產設備，讓學生體會小型工廠操作的實際狀況。	Objectives	The purpose of this course is to guide the student to understand the practice procedures of chemical industry processes. The student will also learn the basic concept of process control. The hand-on operation on the control panel in the pilot plant by the student will be practiced.
教材	老師講解，學生討論及上台做口頭報告。	Teaching Materials	Teaching by the teacher, Discussion and presentation by the students.
成績評量方式	期中考: 40 % 期末考: 50 % 出席率: 10 %	Grading	mid-term exam: 40 % final exam: 50 % present: 10 %
教師網頁	-		
教學內容	石油煉製, 石化工業, 塑膠工業, 人造纖維工業, 無機酸工業, 矽酸鹽工業, 油酯及界面活性劑, 發酵工業, 電子材料工業等.	Syllabus	Petroleum engineering, Petrochemical industry, Plastics industry, Fiber industry, Inorganic acid industry, Oils and fats industry, Fermentation industry, Electronic materials.

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