朝陽科技大學 094學年度第2學期教學大綱
Chemical Production Practices 化學品生產實務

當期課號	1444	**Course Number**	1444
授課教師	張德明	**Instructor**	CHANG,DER MING
中文課名	化學品生產實務	**Course Name**	Chemical Production Practices
開課單位	應用化學系(四日)二B	**Department**	
修習別	必修	**Required/Elective**	Required
學分數	2	**Credits**	2
課程目標	本課程針對已具大學化學基礎之學生，簡介工業上各化學品之製造與操作技術，以協助同學了解化學品生產之實務技術。內容包括：流體輸送、熱交換器、蒸餾、蒸發、結晶、過濾、氣體吸收、萃取、濃縮與儀表、控制設備等，使學生對化學工廠生產設備有初步的認識與信心。	**Objectives**	The course is designed for the students who have the background knowledge of college chemistry. The goal of this course, from summaries presentation of the industrial manufacture and operating, is to help students understand the chemical plant. Fluid flow, heat exchanger, distilling equipment, evaporator, crystallizer, filter, gas absorber, extractor, concentrator, and instrumentation, automation devises, etc. are all covered in the lectures.
教材	採用講義及投影片授課	**Teaching Materials**	By handout and transparency
成績評量方式	以筆試成績爲主,期中及期末各佔40%, 出席率與平時測驗佔20%	**Grading**	Graded by the examination, the ratio is 40%, 40%, 20% of middle & final examination, presence.
教師網頁	_		
教學內容	化學品生產實務課程充分介紹化學生產實務，讓學生除了解化學相關的基礎科學之外，亦能具備化學產業生產之關鍵知識？藉此擴展科技大學學生之視野與遠見	**Syllabus**	Chemical Process Practice is introduced to significant units in chemical industry. Let the student has the knowledge of manufacture in chemical plant that expanding a wind range of activities

尊重智慧財產權，請勿非法影印。