朝陽科技大學 095學年度第1學期教學大綱
Introduction of Applied Chemistry 應用化學導論

當期課號	1578	Course Number	1578
授課教師	葉倍宏	Instructor	YEH,PEI HUNG
中文課名	應用化學導論	Course Name	Introduction of Applied Chemistry
開課單位	應用化學系(四日)二A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	本課程針對初入大學之學生，以其高中、高職之化學知識爲基礎，簡介化學工業各方面之應用。介紹之範圍包括：塑膠、橡膠、水處理、空氣污染、界面活性劑、肥料、農藥、製藥、煉油、石油化學、人造纖維、染料、造紙、發酵、煤炭化學等各工業領域，使學生對化學之重要性與實用性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 is to help students understand the importance of chemistry and learn chemistry with great interest. Plastics, petroleum industry, man-made fibers industry, pharmaceutical industry, chemistry of environment, fermentation industry, and materials chemistry, etc. are all covered in the lectures.
教材	採用講義及圖片授課	Teaching Materials	By handout and photography
成績評量方式	平時課堂參與10%及小考20%,期中考30%,期末考40%.	Grading	1. Attendance (10%) & Quizzes 20% 2. Midterm Exam. 30% 3. Final Exam. 40%
教師網頁	_		
教學內容	應用化學導論課程將化學相關領域的理論與實務面能互相接軌，讓學生了解基礎科學與產業應用的關鍵知識爲何？藉此擴展科技大學學生之視野與遠見	Syllabus	Introduction of Applied Chemistry is applied to a very wind range of activities, con-prising the chemical industry and the service industry.

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