朝陽科技大學 092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	1681	Course Number	1681
授課教師	楊聰仁	Instructor	YANG,TSONG JEN
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	課堂講授、討論、範例解釋	Teaching Materials	Teaching, discussion, and explanation.
成績評量方式	平時成績40%，期中考30%，期末考30%。	Grading	Quizzes 40%, Mid-term Exam. 30%, Final Exam. 30%
教師網頁	_		
教學內容	介紹與化學相關之工業與研究，包括：緒論、石化工業、無機酸工業、鹼氯工業、肥料工業、農藥工業、染料工業、塗料工業、油脂工業、材料工業。	Syllabus	Chemistry related industries and researches will be introduced. This course includes introduction, petrochemicals, inorganic acids, alkali chlorine, fertilizer, pesticides, dyes, paints, oils, and fats, materials.

尊重智慧財產權，請勿非法影印。