朝陽科技大學 097學年度第2學期教學大綱
Chemical Specialty 特用化學品

當期課號	1782	Course Number	1782
授課教師	黃金德	Instructor	HUANG,CHIN TEH
中文課名	特用化學品	Course Name	Chemical Specialty
開課單位	應用化學系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	電子工業爲本國現今最重要的產業,而電子特用化學品又爲其最關鍵的部份,本門課針對現今產業，如：液晶顯示器，可錄一次式光碟片、有機態光鼓、彩色濾光片等，作一系列的介紹，並介紹專利搜尋及佈局。	Objectives	The main purpose of this course is to provide the student the basic knowledge of electronic speciality, include the key chemicals of electronic products. Ex. LCD, CD-R, OPC and color filter. The Method for patent search and patent mapping will be discussed.
教材	Chemistry of Specialty Chemicals by Shu et. al.(ISBN 978-957-8955-86-8), Properties and Applications of Polymeric Materials by Lin(ISBN 957-584-607-9) and handouts	Teaching Materials	
成績評量方式	1. 出席 10% 2. 期中及期末考各 45%	Grading	attendance and two exams
教師網頁	http://www.cyut.edu.tw/~mhuang		
教學內容	討論的主題有:醫藥及農藥之研發合製造、朔膠及橡膠之添加劑、染料及顏料之分類及應用、一些光電材料、奈米材料和界面活性劑之化學及應用	Syllabus	To discuss the topics include a] genral characteristics in R&D and maunfacturing of pharmacetuicals and pesticides, [b] various types plastic and rubber addditives, [d] classification and applications of dyes and pigments, [e] several subjects of optoelectronic materis in material chemistry, principles, and their applications and [f] chemistry and applications of surfactants

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