

朝陽科技大學 095學年度第1學期教學大綱  
Industrial Automation 工業自動化

當期課號	3426	Course Number	3426
授課教師	林忠志	Instructor	LIN,CHUNG CHIH
中文課名	工業自動化	Course Name	Industrial Automation
開課單位	工業工程與管理系(二進)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	針對當前工業製造與生產上的相關自動化觀念以實務探討的方式來進行理論與實務整合的教學。課程內容將涵蓋產業界自動化的趨勢、並以實驗課程來輔助製造與生產自動化相關的理論與觀念。	Objectives	According to the application of automation and computerization in the field of manufacturing and production in industries, this class will give the students the overall theoretical and practical pictures of these topics with some laboratory practices and practical problems.
教材	1. 自動化製造系統導論(Morriss: Automated Manufacturing Systems), 劉培熙等譯, 滄海書局 2. Fundamentals of Modern Manufacturing, materials, processes, and systems, Milell P. Groover	Teaching Materials	1. Automated Manufacturing Systems, S. Brain Morriss 滄海書局 2. 2. Fundamentals of Modern Manufacturing, materials, processes, and systems, Milell P. Groover
成績評量方式	平常分數10% 參觀相關工業展覽或是校外演討會心得30%, 期中考30% 期末報告30%	Grading	report about visiting exhibition 30%, Midterm 30%, Final 30%, Overall presentation 10%
教師網頁	-		
教學內容	針對當前工業製造與生產上的相關自動化觀念以實務探討的方式來進行理論與實務整合的教學。課程內容將涵蓋以下以幾項領域 產業界自動化的趨勢 實驗課程來輔助製造 生產自動化相關的理論與觀念 sensor & actuator	Syllabus	According to the application of automation and computerization in the field of manufacturing and production in industries, this class will give the students the overall theoretical and practical pictures of these topics with some laboratory practices and practical problems. sensor & actuator

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