朝陽科技大學 098學年度第2學期教學大綱
Human Factors and Industrial Environments 人因工程與工業環境

當期課號	1786	Course Number	1786
授課教師	宋鵬程	Instructor	SUNG,PENG CHENG
中文課名	人因工程與工業環境	Course Name	Human Factors and Industrial Environments
開課單位	工業工程與管理系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	介紹主要工業環境因素對工作人員身心之影響及其防治對策。課程目的在使修課學生對於主要工業環境因素之影響及其因應對策有進一步的認識。	Objectives	This course introduces physical and psychological effects of various environmental factors on humans. The course is designed to have students understand the effects of environmental conditions on humans so as to build up corresponding strategies in occupational applications.
教材	1.人因工程（第三版），許勝雄、彭游、吳水丕編（滄海書局）	Teaching Materials	1.人因工程（第三版），許勝雄、彭游、吳水丕編（滄海書局）
成績評量方式	三次考試(含期中及期末考, 各30%)； 出席 10%.	Grading	Three Exams (Including Midterm and Final, 30% each); Attendance and in class performance (10%).
教師網頁	http://www.cyut.edu.tw/~sungpc/		
教學內容	介紹主要工業環境因素對工作人員身心之影響及其防治對策。內容包括噪音與噪音防治、氣溫等大氣狀況、振動與加速度、環境照明、人體計測與工作空間設計等相關內容。課程目的在使修課學生對於主要工業環境因素之影響及其因應對策有進一步的認識。	Syllabus	This course introduces physical and psychological effects of various environmental factors on humans. Lectures cover topics of noise and noise control,environmental temperature, vibration and acceleration measurements, effects of environmental illumination, anthropometry and workspace design. The course is designed to have students understand the effects of environmental conditions on humans so as to build up corresponding strategies in occupational applications.

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