朝陽科技大學 093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	1272	Course Number	1272
授課教師	陳協慶	Instructor	CHEN,HSIEH CHING
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.講義	Teaching Materials	
成績評量方式	1.平常成績(30%) 2.期中考(35%) 3.期末考(35%)	Grading	1.In-class performance(30%) 2.Midterm Exam.(35%) 3.Final Exam.(35%)
教師網頁	http://www.cyut.edu.tw/~hcchen		
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。內容包括人體計測與工作空間設計、環境照明、噪音與噪音防治、振動與加速度量測分析等相關內容。 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 anthropometry and workspace design, effects of environmental illumination, noise and noise control, vibration and acceleration measurements. 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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