# 朝陽科技大學 094學年度第1學期教學大綱
# Industrial Applications of Human Factors 人因工程在工業之應用

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| 當期課號 | 1588 | Course Number | 1588 |
| 授課教師 | 吳欣潔 | Instructor | WU,HSIN CHIEH |
| 中文課名 | 人因工程在工業之應用 | Course Name | Industrial Applications of Human Factors |
| 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 | 本課程之目的是要學習如何將人因工程應用到工業實務上。爲了使學生留下深刻又具體的印象,課堂上將介紹許多運用人因工程於工業的成功案例。同時也提出工業界的人因工程相關議題,鼓勵學生發揮創意,動腦思索可行的解決方案。 | Objectives | The purpose of this course is aimed to study how to apply ergonomics in industrial practice. In order to make students have deep and specific impression, many successful cases about applying ergonomics in industry will be introduced in this program. At the same time, many industrial ergonomics-related issues will be expressed and then challenge students to think and find some feasible solutions. |
| 教材 | 1.許勝雄, 彭游,吳水丕編著; 人因工程, 第三版,滄海書局<br>2.上課投影片 | Teaching Materials | |
| 成績評量方式 | 出席成績20%，期中報告20%，口頭報告20%，期末考40%。 | Grading | Participation 20%, Midterm report 20%, Oral report 20%, Final exam 40% |
| 教師網頁 | http://www.cyut.edu.tw/~hcwul/course.htm | | |
| 教學內容 | 課程主題包含: 預防勞動者局部性肌肉骨骼的疲勞或疼痛,預防勞動者全身的疲勞或疼痛,提高勞動者的工作績效,使工作條件更舒適,設計高可用性的人機介面,減輕工作的心理壓力或厭煩。 | Syllabus | The topics of this course include: introduction of basic IC process flow, semiconductor process materials and chemicals, clean room and chemical dispense system, computer integrated manufacturing and automation, quality auditing system, and manpower training and encouragement. |

尊重智慧財產權，請勿非法影印。