

朝陽科技大學 098學年度第1學期教學大綱

Ergonomics Prevention of Occupational Injury and Disorders 職業傷害與疾病預防

當期課號	7656	Course Number	7656
授課教師	宋鵬程	Instructor	SUNG,PENG CHENG
中文課名	職業傷害與疾病預防	Course Name	Ergonomics Prevention of Occupational Injury and Disorders
開課單位	工業工程與管理系碩士在職專班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程介紹與工作有關之肌肉骨骼傷病及相關危險因子之辨識。此外，本課程討論職業傷病之預防方法、策略、及相對的措施。	Objectives	This course aims to introduce the work-related musculoskeletal disorders (WMSD) and to identify the major risk factors associated with the WMSD. In addition, this course discusses the methodology, strategies and countermeasures for the prevention of occupational injury and disorders.
教材	a. Accident Prevention Manual for Business and Industry : Engineering & Technology, Philip Hagan, Gary R. Krieger, John F. Montgomery, and James T. O'Reilly (editor), 2000 (National Safety Council). b. Fundamental of Industrial Hygiene, Fifth Edition, Barbara A. Plog and Patricia J. Quinlan (editor), 2001 (National Safety Council). c. 流行病學概論, 陳品玲著, 華杏出版股份有限公司, 2007。 d. Journal Papers.	Teaching Materials	a. Accident Prevention Manual for Business and Industry : Engineering & Technology, Philip Hagan, Gary R. Krieger, John F. Montgomery, and James T. O'Reilly (editor), 2000 (National Safety Council). b. Fundamental of Industrial Hygiene, Fifth Edition, Barbara A. Plog and Patricia J. Quinlan (editor), 2001 (National Safety Council). c. 流行病學概論, 陳品玲著, 華杏出版股份有限公司, 2007。 d. Journal Papers.
成績評量方式	期中考: 30%; 期刊論文口頭報告: 20%; 學期專題: 30%; 出席率與課堂表現: 20%。	Grading	Midterm exam: 30% Journal Paper Presentation: 20% Term Project: 30% Attendance and in Class Performance: 20%
教師網頁	<a href="http://www.cyut.edu.tw/~sungpc/">http://www.cyut.edu.tw/~sungpc/</a>		
教學內容	1. 職業傷病導論 2. 流行病學方法 3. 肌肉骨骼傷害 4. 傷害調查及系統安全 5. 傷害預防策略及對策 6. 賠償制度 7. 老年人傷害 8. 職業傷病預防計劃	Syllabus	1. Introduction to Occupational Injury and Disease 2. Epidemiology Methods 3. Musculoskeletal Disorders 4. Injury (Accident) Investigation and System Safety 5. Injury Prevention Strategies and Countermeasures 6. Workers Compensation 7. Injuries in the Elderly 8. Injury and Illness Prevention Program

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