

朝陽科技大學 099學年度第2學期教學大綱
Prevention of Occupational Injury and Illness 職業病防治與介紹

當期課號	7655	Course Number	7655
授課教師	宋鵬程	Instructor	SUNG,PENG CHENG
中文課名	職業病防治與介紹	Course Name	Prevention of Occupational Injury and Illness
開課單位	工業工程與管理系碩士在職專班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	<p>職業病與職業傷害防治與介紹 (Recognition and Prevention of Occupational Disease and Injury) :</p> <p>使學生能夠 :</p> <p>a. 應用人因工程專業知識於辨識與工作相關之危險因子以預防職業傷害與疾病。</p> <p>b. 具備跨領域協調整合能力以預防與工作有關之職業傷害與疾病。</p> <p>C.具備撰寫計劃、簡報與書面報告溝通能力。</p>	Objectives	<p>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.</p>
教材	<p>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).</p> <p>b. Fundamental of Industrial Hygiene, Fifth Edition, Barbara A. Plog and Patricia J. Quinlan (editor), 2001 (National Safety Council).</p> <p>c. 流行病學概論, 陳品玲著, 華杏出版股份有限公司, 2007。</p> <p>d. Journal Papers.</p>	Teaching Materials	<p>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).</p> <p>b. Fundamental of Industrial Hygiene, Fifth Edition, Barbara A. Plog and Patricia J. Quinlan (editor), 2001 (National Safety Council).</p> <p>c. 流行病學概論, 陳品玲著, 華杏出版股份有限公司, 2007。</p> <p>d. Journal Papers.</p>
成績評量方式	<p>期中考 40%;</p> <p>期末報告(包含口頭報告) 40%;</p> <p>出席率與課堂表現 20%。</p>	Grading	<p>Midterm exam: 40%;</p> <p>Term Project (w/ oral presentation): 40%;</p> <p>Attendance and in Class Performance: 20%</p>
教師網頁	http://www.cyut.edu.tw/~sungpc/		
教學內容	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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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