

**朝陽科技大學 094學年度第1學期教學大綱**  
**Special Topics in Environmental Management(3) 環境管理專題(三)**

<b>當期課號</b>	7207	<b>Course Number</b>	7207
<b>授課教師</b>	章日行	<b>Instructor</b>	CHANG,JIH HSING
<b>中文課名</b>	環境管理專題(三)	<b>Course Name</b>	Special Topics in Environmental Management(3)
<b>開課單位</b>	環境工程與管理系碩士班二A	<b>Department</b>	
<b>修習別</b>	選修	<b>Required/Elective</b>	Elective
<b>學分數</b>	2	<b>Credits</b>	2
<b>課程目標</b>	在法令壓力、客戶要求、降低成本等考量下，企業正面臨追求利潤與提升綠色競爭力的關鍵時刻。環境管理不再獨立於經濟之外，在台灣面臨國際化的時刻、環境管理勢必融入企業及政府的工作政策之中，有鑑於環境管理已經逐步邁向實用化與市場化，因此藉由生命週期方法建立基本資料庫，並利用相關管理決策及優選工具，加以分析，預期將有助於提升本校在環境管理領域的研究，並可加強對外服務的能力。而在教學部分，則可提升學生對環境管理及污染防治領域相關工具與實務認識。因此課程包括環境管理概論、ISO標準介紹、國際環保趨勢、環境管理系統、全面品質系統、環境稽核方法和技巧、質量平衡、減廢與資源化技術、廢棄物管理概論，污染預防、有害廢棄物管理，工業生態學理論與實務。	<b>Objectives</b>	Under the pressure from their customer's requirements, many companies have faced a point of compromising their profits and environmental competition. Environmental management is one of the economic systems. This class introduces the idea of environmental management system to help the development of routine management of environmental issues in a company. The topics include introductory environmental management, ISO international standards, international environmental issues, environmental management system, total quality management system, Methods and skills of environmental auditing, material balance analysis, waste minimization and recycling, introductory solid waste management, pollution prevention, hazardous waste management, the principles and practices of industrial ecology.
<b>教材</b>	依學生論文方向而定	<b>Teaching Materials</b>	
<b>成績評量方式</b>	參照工學院師徒制專題評分規定及指導教授個別評分方式而定	<b>Grading</b>	depend on the collegial rules and advisor
<b>教師網頁</b>	-		
<b>教學內容</b>	本課程為師徒制教學課程,修課學生每週定期與指導教授進行專題論文討論,每個月所有修課學生及授課老師共同舉行一次專題討論	<b>Syllabus</b>	The course is decided by students and their adviser. Students need to meeting with their advisor at least one time a week, and every month has one time meeting for every students and advisors.

尊重智慧財產權，請勿非法影印。