朝陽科技大學 096學年度第1學期教學大綱
Advance Solid Waste Management 固體廢棄物管理特論

當期課號	7732	Course Number	7732
授課教師	劉敏信	Instructor	LIU,MIN HSIN
中文課名	固體廢棄物管理特論	Course Name	Advance Solid Waste Management
開課單位	環境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	本課程主要包括：固體廢棄物之定義與清理法規，固體廢棄物來源、型式、組成及性質，收集及清運，廢棄物分類、前處理（資源回收與減廢技術）、貯存及處理，焚化處理技術，掩埋處置技術，固化處理技術，生化處理技術，有害廢棄物清理，危害物質（廢棄物）外洩控制技術，污染場址監測、控制及整治技術。	Objectives	The subjects of the course will include: the definition of solid waste, waste treatment and disposal regulation, waste source and property, collection and transportation, pretreatment (resource recovery), storage and treatment, incineration, landfill, solidification, biotreatment, hazardous waste management, hazardous material spill control technology, contaminated site monitoring, control and remediation technology.
教材	Georage Tchobanoglous, Hilary Theisen and Samuel A. Vigil. "Integrated Solid Waste Management: Engineering Principles and Management Issues." The McGraw-Hill Companies, Inc. 1993.	Teaching Materials	Georage Tchobanoglous, Hilary Theisen and Samuel A. Vigil. "Integrated Solid Waste Management: Engineering Principles and Management Issues." The McGraw-Hill Companies, Inc. 1993.
成績評量方式	平常考30%，期中考35%，期末考35%。	Grading	Literature review, report preparation and quiz 30%, mid-term examination 35%, final examination 35%.
教師網頁			
教學內容	固體廢棄物之定義與清理法規，固體廢棄物來源、型式、組成及性質，收集及清運，廢棄物分類、前處理（資源回收與減廢技術）、貯存及處理，焚化處理技術，掩埋處置技術，固化處理技術，生化處理技術，有害廢棄物清理，危害物質（廢棄物）外洩控制技術。	Syllabus	The subjects of the course will include: the definition of solid waste, waste treatment and disposal regulation, waste source and property, collection and transportation, pretreatment (resource recovery), storage and treatment, incineration, landfill, solidification, biotreatment, hazardous waste management, hazardous material spill control technology.

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