朝陽科技大學 096學年度第1學期教學大綱
Pollution Control Engineering and Practice 污染防制工程實務

當期課號	7734	Course Number	7734
授課教師	林浩潭	Instructor	LIN,HAW TRAN
中文課名	污染防制工程實務	Course Name	Pollution Control Engineering and Practice
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	針對理論與實例，講授土壤、水、空氣及廢棄物污染等污染來源，相關防治法規，污染監測與安全評估技術，污染防治技術，使學者習得環境污染監測、評估與防治工程之知識。	Objectives	The object of this course is to provide the practicable technologies of environmental pollution prevention and remediation. Topics including: The laws and regulations of environmental pollution prevention and remediation, pollution sources, environmental monitoring and risk assessment, technologies of prevention and remediation.
教材		Teaching Materials	
成績評量方式	考試一次(期中)(60%)，於期末繳交一篇學習報告(40%)。	Grading	Take home examination (midterm exam) (60%) and hand in a report of environmental pollution remediation topic (40%).
教師網頁			
教學內容	1.土壤與地下水污染物及來源、土壤與地下水污染整治法 2.土壤污染整治工程、地下水污染整治工程 3. 空氣污染物及來源、空氣污染防制法 4. 空氣污染防治技術 5. 水污染物及來源、水污染物防治法 6. 廢水處理技術 7. 廢棄物處理法規與處理工程 8. 環境污染物監測與安全評估	Syllabus	1. The sources of soil and groundwater pollution, interpretation of laws and regulations of soil and groundwater pollution. 2. The remediation technologies of soil and groundwater pollution. 3. The sources of air pollution, interpretation of laws and regulations of air pollution. 4. The technologies of air pollution prevention. 5. The sources of water pollution, interpretation of laws and regulations of water pollution. 6. Technologies of waste water treatment. 7. The laws and regulations of waste disposal and recycling, the technologies of waste disposal and recycling. 8. Environmental pollution monitoring and risk assessment.

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