

朝陽科技大學 095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	7701	Course Number	7701
授課教師	張棟江	Instructor	CHANG,DONG JANG
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	一、經濟部工業局，污染防治設施操作維護最佳化案例彙編 二、經濟部工業局，環保技術輔導改善案例彙編 三、經濟部工業局，工業污染防治技術手冊	Teaching Materials	1.IDBM of Economic Affairs, A copus of the optimization cases of operation and maintenance of pollution prevention facilities 2.IDBM of Economic Affairs, A copus of improvement cases of green technique guidance and assistance 3.IDBM of Economic Affairs, A manual for indutrial pollution prevention technique
成績評量方式	一、筆試70% 二、報告30%	Grading	1.Examination 70% 2.Report 30%
教師網頁	-		
教學內容	一、工廠管理防污的基本步驟 二、運用管理技術防制污染具體做法 三、廠內管理及可行清潔生產技術 四、污染防制措施之操作維護與管理 五、工廠廢水排放改善案例介紹 六、工廠廢氣排放改善案例介紹	Syllabus	1.The basic processes of pollution control of factory management 2.The concrete courses in pollution control by management techniques 3.The feasible techniques for clean production 4.Operation, maintenance and management of pollution control facilities 5.Cases study of wastewater discharge improvement of factory 6.Cases study of of waste gas exhaust improvement of factory

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