朝陽科技大學 092學年度第1學期教學大綱
Water Regeneration Technology 水再生技術

當期課號	2223	Course Number	2223
授課教師	白子易	Instructor	PAI,TZU YI
中文課名	水再生技術	Course Name	Water Regeneration Technology
開課單位	環境工程與管理系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	包括水再生再利用現況、工業廢水回收再利用、污水回收再利用、中水道及二元供水系統、雨水回收再利用技術及電解及電透析，期使學生了解水再生技術之現況，熟習水再生技術各領域之基礎計算。	Objectives	The issues in this course included: industrial wastewater recycle and reuse, sewage recycle and reuse, seawater utilization, dual water supply system, rain water recycle and reuse technology, electrolysis, ion exchange, reverse osmosis and ultrafiltration. The present condition and foundamental calculation of water regeneration technology should be realized and learned.
教材	1.課堂講解 2.作業及講解 3.戶外教學 4.案例分析 5.協助閱讀	Teaching Materials	1.Explaining in classroom 2.Exercise 3.Outside Learning 4.Case analysis 5.Reading assistant
成績評量方式	1.出席20%(點名4次) 2.期中考30% 3.期末考40% 4.作業報告(10%)	Grading	1.Participate 20% 2.Mid-term exam 30% 3.Final term exam 40% 4.Exercise and report 10%
教師網頁	_		
教學內容	包括水再生再利用現況、工業廢水回收再利用、污水回收再利用、中水道及二元供水系統、雨水回收再利用技術及電解及電透析，期使學生了解水再生技術之現況，熟習水再生技術各領域之基礎計算。	Syllabus	The issues in this course included: industrial wastewater recycle and reuse, sewage recycle and reuse, seawater utilization, dual water supply system, rain water recycle and reuse technology, electrolysis, ion exchange, reverse osmosis and ultrafiltration. The present condition and foundamental calculation of water regeneration technology should be realized and learned.

尊重智慧財產權，請勿非法影印。