朝陽科技大學 092學年度第2學期教學大綱
Energy engineering and management 能源工程與管理

當期課號	2107	Course Number	2107
授課教師	白子易	Instructor	PAI,TZU YI
中文課名	能源工程與管理	Course Name	Energy engineering and management
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	本課程介紹能源概論、能源與環境、化石燃料、再生能源、生質能、及能源稽核與管理。	Objectives	The topics of this course include the introduction to energy and environment, fossil fuels, battery, renewable energy, as well as erergy management.
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.平常作業(10%)	Grading	1.Participate 20% 2.Mid-term exam 30% 3.Final term exam 40% 4.Exercise and report 10%
教師網頁	http://www.cyut.edu.tw/~typai/		
教學內容	介紹能源基礎,工業社會之能源使用,能源種類,能源節約,空氣污染,全球效應等主題,使學生了解全球能源使用之現況及能源工程之基礎計算	Syllabus	The objectives of this course were to introduce the energy foundament, energy use in industrial society, fossil energy, heat energy, regeneration energy, nuclear energy, energy conservation, and air pollution and global effects.

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