朝陽科技大學 099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	1698	Course Number	1698
授課教師	林盛隆	Instructor	LIN,SHENG LUNG
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	(黃文良譯，能源：運用與環境，第三版，滄海書局)	Teaching Materials	Hinrichs and Kleinbach, Energy: Its Use and the Environment.
成績評量方式	期中考；40%； 期末考: 40% 上課： 20%	Grading	mid-term exam: 40% final exam: 40% participation: 20%
教師網頁	http://lms.ctl.cyut.edu.tw/		
教學內容	本課程主要基於鼓勵學生明白能源於社會裡所扮演的重要角色，及嘗試減低其能源消耗量。內容以能源科學的實際演練及居家能源利用的實例探討爲主，並培養能源國際觀及網路的應用學習。	Syllabus	We will discuss the basic sience of energy engineering and management, as well as the practice of energy audits, especially for house. In order to introduce the correct concept of utilization of energy, the students should have international views of energy and knowledge the commuication in the internet.

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