朝陽科技大學 094學年度第1學期教學大綱
Topics of Building Facility 建築設備專題

當期課號	1786	Course Number	1786
授課教師	郭章淵	Instructor	KUO,JHUN IUAN
中文課名	建築設備專題	Course Name	Topics of Building Facility
開課單位	建築系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	建築設備專題針對建築設備學進階研修爲目標包括以下內容：1.空調系統－包括空調原理、空調設備及設計、空調負荷分析。2.綠建築概念－包括綠建築計畫，低能耗建築3.省能建築－能源回收及建築省能設計。	Objectives	Topics of building facility is classified into the following three parts: 1.Air-condition includes principles of air-condition , facility , air-condition loading analysis ,design of air-condition system. 2.Green architecture includes planning of green architecture ，passive and design of low energy architecture. 3.Energy conservation， includes renewable sources of energy, energy conservation design of building .
教材	1.自編教學講義 2.周鼎金編著，86年修定版，建築設備，茂榮圖書有限公司 3.莊嘉文編著，73年初版（1984），最新建築設備概論，詹式圖書	Teaching Materials	
成績評量方式	期中30%、平常35%（含作業25%）、期末35%	Grading	Mid-term 30%、Attendence,Homework35%、Final-term 35%
教師網頁			
教學內容	本課程基於四技同學既有設備學識基礎，針對爲進階研修及學以致用上做課程設計，重點則以實務技術之傳授爲主；除認識設備系統之特性與施作內涵外,並培育同學在實務方面之專業能力、整合能力，及與設計、構造、結構等相關領域之整體組織能力。	Syllabus	Topics of building facility is classified into the following three parts: 1.Air-condition includes principles of air-condition , facility , air-condition loading analysis ,design of air-condition system. 2.Green architecture includes planning of green architecture ，passive and design of low energy architecture. 3.Energy conservation， includes renewable sources of energy, energy conservation design of building .

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