朝陽科技大學 098學年度第1學期教學大綱
Building Facility 建築設備

當期課號	1990	Course Number	1990
授課教師	郭章淵	Instructor	KUO,JHUN IUAN
中文課名	建築設備	Course Name	Building Facility
開課單位	建築系(四日)三A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	本課程針對初學建築設備學生之需求，將建築設備課程做重點與概要性介紹，課程包括以下四部份: 1.衛生設備2.消防設備3.電氣設備4.空調概說	Objectives	Building facility is classified into the following two parts: 1. Sanitary facilities include treatment of quality of water, design of water main system hot water facility ,drain facility and treatment facilities of polluted water. 2. Anti-disaster facilities include principles of fire, anti-disaster systems ,alarm system, design of fire safety system, design of fire escape system.
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.詹肇裕編譯，吉村武等著，85年初版，圖解建築設備學概論，胡式圖書出版社	Teaching Materials	
成績評量方式	期中25%、平常40%（含作業25%）、期末35%	Grading	Mid-term Examination (25%) ,Participation (40%),Final report (35%)
教師網頁			
教學內容	本課程針對初學建築設備學生之需求，將建築設備課程做重點與概要性介紹，課程包括以下四部份: 1.衛生設備2.消防設備3.電氣設備4.空調概說本學期分別就水系統、消防系統、電氣系統、空調系統之主要基本理論做概略性介紹： 一、衛生設備主要包括 1.水源與水質處理 2.給水系統概說 3.熱水設備 4.排水通氣及污水設備概說 二、消防設備主要包括 1.火災概論 2.警報設備 3.滅火設備 4.避難設備 三、電力設備概念 1.電力 2.照明設備 3.弱電設備 四、空調設備基本概念 1.空調原理 2.空調裝置系統 五、輸送及其他設備介紹	Syllabus	This course is designed for the students to apply building facility knowledge in the architecture，and includes three parts mainly as follows: 1.Sanitary facility include treatment quality of water , design of water facility ,drain facility and treatment facilities of polluted water. 2.Anti-disaster facilities include anti-disaster system, alarm system, design of fire escape system. 3.Electrical Facilities include electrical equipment, design of lighting , elevator and low voltage electrical facilities.

尊重智慧財產權，請勿非法影印。