# 朝陽科技大學 092學年度第2學期教學大綱
# Building Facility 建築設備

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| 當期課號 | 1109 | Course Number | 1109 |
| 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 | 授課、實地參觀、專題討論 | Teaching Materials | |
| 成績評量方式 | 期中30%、平常35%（含作業25%）、期末35% | Grading | |
| 教師網頁 | _ | | |
| 教學內容 | 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：<br>一、衛生設備主要包括<br>1.水源與水質處理 2.給水系統概說<br>3.熱水設備 4.排水通氣及污水設備概說<br>二、消防設備主要包括<br>1.火災概論 2.警報設備<br>3.滅火設備 4.避難設備<br>三、電力設備概念<br>1.電力 2.照明設備<br>3.弱電設備<br>四、空調設備基本概念<br>1.空調原理 2.空調裝置系統<br>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:<br>1.Sanitary facility include treatment quality of water , design of water facility ,drain facility and treatment facilities of polluted water.<br>2.Anti-disaster facilities include anti-disaster system, alarm system, design of fire escape system.<br>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。