朝陽科技大學 096學年度第2學期教學大綱
Design Analysis of Building Disaster Prevention 建築防災設計分析

當期課號	1729	Course Number	1729
授課教師	葉琮勤	Instructor	YEH,TSUNG CHYN
中文課名	建築防災設計分析	Course Name	Design Analysis of Building Disaster Prevention
開課單位	建築系(四日)三A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	本課程以「災前之減災與備災」、「災中之救援與應變」、與「災後之調查與復原」三大項目，進行有關建築防災設計之探討。並詳細介紹建築技術規則中之防災理念，以期各種不同之防災設計，落實於實際建築設計中。	Objectives	This course will cover three fundamental principles, including the" prevention and preparation for an incident", "response and rescuing during an incident", and "investigation and recovery after an incident", which constructed the major part of building disaster prevention. And, to provide students better understand the various designs of disaster prevention in buildings.
教材	自編投影片	Teaching Materials	Powerpoint Files
成績評量方式	平時與作業成績佔50% 期中考成績佔20% 期末考成績佔30%	Grading	50% class participation 20% mid-term exam 30% final exam
教師網頁			
教學內容	1. 防災概論 2. 建築防災設計通則 3. 建築物之防火 4. 防火避難設施及消防設備 5. 地下建築物之防災設計 6. 高層建築物之防災設計 7. 山坡地建築之防災設計 8. 工廠類建築物之防災設計 9. 老人住宅之防災設計 10. 實際建築防災設計案例分析	Syllabus	1. Introduction 2. General Design Concept for Disaster Prevention 3. Fire Safety Design 4. Fire Escape Facilities 5. Disaster Prevention Design for Underground Buildings 6. Disaster Prevention Design for High-rise Buildings 7. Slopeland Disaster Prevention 8. Disaster Prevention Design for factory 9. Disaster Prevention Design for senior housing 10. Case Study

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