

朝陽科技大學 096學年度第2學期教學大綱  
Introduction to Structural Design 結構設計概論

當期課號	1486	Course Number	1486
授課教師	伍勝民	Instructor	WU,SHENG MIN
中文課名	結構設計概論	Course Name	Introduction to Structural Design
開課單位	營建工程系(四日)三A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	本課程介紹一般的結構設計概念給學生。結構設計包括木、磚、鋼和混凝土結構。	Objectives	This course introduces general structural design concepts to students. The structural designs include wood, brick, steel and concrete structures.
教材	建築結構設計原理 陳清泉 第4版 2006	Teaching Materials	Principles for Design of Building Structures Dr. Chen, Ching-Chuang 4th ed. 2006
成績評量方式	30%期中考 30%期末考 40%平時成績	Grading	Grading Midterm Examination – 30% Final Examination – 30% Quiz and Assignment – 40%
教師網頁	-		
教學內容	1 建築構造概述 2 設計規範與設計方法 3 建築結構載重 4 建築結構應力分析方法概述 5 建築結構之材料及其特性 6 鋼筋混凝土構造,基礎,鋼骨構造設計介紹	Syllabus	1 Construction structure outlines 2 Designs standards and the design method 3 Constructions structures carrying capacity 4 Constructions structural stress analysis method outlines 5 Material and its characteristic of the constructions structures 6 Reinforced concrete structure, foundation, steel skeleton construction design introduction

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