# 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

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| 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<br>30%期末考<br>40%平時成績 | Grading | Grading Midterm Examination ─ 30%<br>Final Examination ─ 30%<br>Quiz and Assignment ─ 40% |
| 教師網頁 | | | |
| 教學內容 | 1 建築構造概述<br>2 設計規範與設計方法<br>3 建築結構載重<br>4 建築結構應力分析方法概述<br>5 建築結構之材料及其特性<br>6 鋼筋混凝土構造,基礎,鋼骨構造設計介紹 | Syllabus | 1 Construction structure outlines<br>2 Designs standards and the design method<br>3 Constructions structures carrying capacity<br>4 Constructions structural stress analysis method outlines<br>5 Material and its characteristic of the constructions structures<br>6 Reinforced concrete structure, foundation, steel skeleton construction design introduction |

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