# 朝陽科技大學 098學年度第1學期教學大綱
# Introduction to Structural Design 結構設計概論

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| **當期課號** | 1686 | **Course Number** | 1686 |
| **授課教師** | 陳明錚 | **Instructor** | Chen,Ming Cheng |
| **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** | a. 自行準備之講義。<br>b. 政府公告相關設計規範。<br>c. 其他結構設計參考教材。 | **Teaching Materials** | a)Class notes<br>b)Regulations published by government agencies<br>c)Other structural design references |
| **成績評量方式** | 期中考30%、期末考40%、出缺席20%、上課答詢10% | **Grading** | Midterms 30%、Final 40%、Attendance 20%、Class interaction 10% |
| **教師網頁** | | | |
| **教學內容** | 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。課程重點藉由設計流程讓學生了解結構設計在整體工程設計的定位爲何，並練習設計的基礎概念與方法，多種練習的，藉以導正設計理念，並使其了解所學專業知識於設計實務上應如何應用。 | **Syllabus** | This class is intended to provide students with an overview about structural design. The design concepts for wood, brick, steel, and concrete will be covered. Students will have chances to practice the design fundamentals and methodologies by participating in class projects. Hence, the role of structural design in a construction project can be understood. |

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