# 朝陽科技大學 093學年度第1學期教學大綱
# Introduction of Steel Structure 鋼結構概論

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| 當期課號 | 1110 | Course Number | 1110 |
| 授課教師 | 包匡 | Instructor | |
| 中文課名 | 鋼結構概論 | Course Name | Introduction of Steel Structure |
| 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 | 1.有關鋼構造之材質特性及應用範圍，發展狀況及具代表性之鋼構造橋樑、建築物介紹。2.對鋼構造相關法規、構件、設計原理、結構系統作說明。3.對鋼構造防火、耐候、抗震作解說。施工過程、構件組合及應用方面作說明。 | Objectives | Major issues are related to steel material properties and applications. Indroduce the combination of steel menbers and cross-sectional shapes which include tension,compression,and connectuins menbers. Flexural, seim-flexuble menbers, beam-columns in different types of connections will be illustrated; Fire resistant, earthquake reistant and weather proof in the construction are clearly presented in the class. |
| 教材 | 於每次課程提供講義及該階段之參考書目及文章/Providing handout and reference for each chapter | Teaching Materials | |
| 成績評量方式 | 平時成績:35% (依出席,隨堂測驗及期末鋼構造相關報告) 期中考成績:30% 期末考成績:35% | Grading | Presence,Quiz and Assignment: 35% Midterm Examination: 30% Final Examination: 35% |
| 教師網頁 | _ | | |
| 教學內容 | 有關鋼構造之材質特性及應用範圍,發展狀況及具代表性之鋼構造橋樑,建築物作介紹對鋼構造相關法規,構件設計原理,結構系統作說明對鋼構造防火,耐候,抗震作解說在施工過程,構件組合及應用方面作說明 | Syllabus | Major issues are related to steel material properties and applications. Indroduce the comination of steel members and cross-sectional shapes which include tension,compression, and connections members. Flexural, seim-flexible members,beam-columns in different types of connectionswill be illustrated; Fire resistant, earthquake resistant and weather proof in the construction are clearly presented in the class. |

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