朝陽科技大學 098學年度第1學期教學大綱
Introduction of Steel Structure 鋼結構概論

當期課號	2000	Course Number	2000
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)四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.	Teaching Materials	Providing handout and reference for each chapter.
成績評量方式	平時成績:35% (依出席,隨堂測驗及期末鋼構造報告) 期中考成績:30% 期末考成績:35%	Grading	Quiz and Assignment: 35% Midterm Examination: 30% Final Examination: 35%
教師網頁			
教學內容	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。	Syllabus	1. Major issues are related to steel material properties and applications. 2. Introduce the combination of steel members and cross-sectional shapes which include tension, compression, and connections members. Flexural, semi-flexible members, beam-columns in different types of connections will be illustrated. 3. Fire resistant, earthquake resistant and weather proof in the construction will be clearly presented in the class.

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