朝陽科技大學 092學年度第1學期教學大綱
Introduction of Steel Structure 鋼結構概論

當期課號	1132	Course Number	1132
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	以幻燈片,Power point 等投影圖片方式, 以明確之文字敘述,講解各項重點及議題,鼓勵學生發問及隨堂點問及測驗,同學須準備鋼構造相關報告以示其瞭解	Teaching Materials	Slides, overhead projector, powerpoint (multi-media) presentation and illustration, encourage student to ask questions in the class. Students have to prepare material for assignment.
成績評量方式	平時成績:30% (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:40%	Grading	Quiz and Assignment: 30% Midterm Examination: 30% Final Examination: 40%
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.

尊重智慧財產權，請勿非法影印。