

朝陽科技大學 092學年度第2學期教學大綱
Steel Structural Design 鋼結構設計

當期課號	6009	Course Number	6009
授課教師	金文森	Instructor	KING,WON SUN
中文課名	鋼結構設計	Course Name	Steel Structural Design
開課單位	營建工程系(二進)四A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	透過本課程，讓學生瞭解目前鋼結構設計的主流LRFD設計方法。目前國內的營建法規亦較趨向本強度設計法，學生學習後將能在就業市場中順應潮流。	Objectives	From this course, the students are able to realize the trend of structural steel design--LRFD. So far, domestic building code used in Taiwan is also more like this method. The students will have more ability to the practice design work after learning th
教材	1.課堂黑板2.平時給予學生作業及考試3.於期中及期末各考試一次。	Teaching Materials	1.To explain the contents on the blackboard 2.To give some homeworks 3.To give a mid-term examination 4.To give a final examination.
成績評量方式	平時(30%)、期中考(30%)、期末考(40%)	Grading	Mid-term Exam. (30%) Final Exam. (40%) Others (30%)
教師網頁	-		
教學內容	1.鋼結構的歷史發展 2.鋼結構的特點及合理應用範圍 3.各種設計理念及設計規範簡介 4.例題以荷載與抗力係數設計法為主	Syllabus	1.History of Steel Structural Engineering 2.Advantages of Steel Structural Engineering 3.Design Codes of Steel Structural Engineering 4. Examples by LRFD

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