朝陽科技大學 091學年度第2學期教學大綱
Steel Structural Design (I) 鋼結構設計(一)

當期課號	1085	**Course Number**	1085
授課教師	伍勝民	**Instructor**	WU,SHENG MIN
中文課名	鋼結構設計(一)	**Course Name**	Steel Structural Design (I)
開課單位	營建工程系(四日)三B	**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 this course.
教材	透過隨堂上課教材，給予設計實例及施工實例以提高實務能力及學習效果。	**Teaching Materials**	Concepts in structural steel design,Steel properties and cross-sectional shapes,Tension members,Connections members. Compression members,Midterm Examination Flexural members, Beam-columns. Connections, Final examination.
成績評量方式	30%期中考 30%期末考 40%平時考（四次）	**Grading**	Midterm Examination ─ 30% Final Examination ─ 30% Quiz and Assignment ─ 40%
教師網頁	_		
教學內容	透過本課程，讓學生瞭解目前鋼結構設計的極限設計方法。目前國內的營建法規較普遍採用本設計法(或稱強度設計法)，學生學習後將能充分應用在就業市場中。	**Syllabus**	Concepts in structural steel design,Steel properties and cross-sectional shapes,Tension members,Connections members. Compression members,Midterm Examination Flexural members, Beam-columns. Connections, Final examination.

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