

朝陽科技大學 092學年度第1學期教學大綱
Earthquake Resistant Design 耐震設計

當期課號	7029	Course Number	7029
授課教師	王淑娟	Instructor	WANG,SHU CHUAN
中文課名	耐震設計	Course Name	Earthquake Resistant Design
開課單位	營建工程系碩士班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程旨在介紹建築物耐震設計規範及其構材耐震設計細節，並以相關設計實例說明規範之應用。主要內容包括地震工程概論、地震危害度分析、地震反應譜、建築物耐震設計規範、結構構材耐震設計細節、結構構材耐震設計實例等。	Objectives	This course is focused on the introduction of the seismic design concepts, design code, design details and applications in building. Specific topics included are introduction to earthquake engineering, seismic hazard analysis, response spectra, introduction to seismic design code, design details for members, implementation of ETABS software, and etc
教材	課堂授課及作業	Teaching Materials	notes and homeworks
成績評量方式	期中考 30% 作業 30% 期末報告 30% 平時成績 10%	Grading	mid-term exams.: 30% final report: 30% homeworks:30% Learning altitude:10%
教師網頁	-		
教學內容	本課程旨在介紹建築物耐震設計規範及並以相關設計實例說明規範之應用	Syllabus	It provides students with knowledge of seismic design code for buildings and its corresponding application with suitable examples.

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