朝陽科技大學 099學年度第2學期教學大綱
Construction Material Test 營建材料試驗

當期課號	1505	Course Number	1505
授課教師	干裕成	Instructor	KAN,YU CHENG
中文課名	營建材料試驗	Course Name	Construction Material Test
開課單位	營建工程系(四日)二B	Department	
修習別	必修	Required/Elective	Required
學分數	1	Credits	1
課程目標	讓學生藉由解說與實際操作材料試驗，瞭解重要營建材料，包括模板、支撐、鋼筋鋼材、水泥、粗細骨材、附加劑、混凝土、磚製品、瀝青、瀝青混凝土和土壤試驗，及包括高性能混凝土配比設計實驗。	Objectives	The course covers the properties of the different construction materials which including steel, metal, concrete, timber, brick, asphalt, rock, composite material and so on. The materials lab. provided facilities for instruction in concrete and bituminous
教材	Civil Engineering Materials(by Shan Somayaja)	Teaching Materials	Civil Engineering Materials(by Shan Somayaja)
成績評量方式	期末考(30%)、報告(60%)及課堂表現(10%)	Grading	final exam(30%), report(60%), and other performance(10%)
教師網頁			
教學內容	介紹營建材料之性質測試，包括石材、混凝土材、玻璃材、磚製品、金屬製品 (鋼、鋁)、木材製品 (含紙)、聚合物、材料特性。	Syllabus	Introduction of properties of construction, including thermal resistance, sonic absportion ect.; the applications of those construction materials containing soil and rock, concrete, filler, paste, glass, precast concrete and brick, metals, wood, polymer, asphalt, wall and slab will be introduced in this class.

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