朝陽科技大學 096學年度第2學期教學大綱
Architectural Material 建築材料

當期課號	1718	Course Number	1718
授課教師	林聰德	Instructor	,
中文課名	建築材料	Course Name	Architectural Material
開課單位	建築系(四日)二A	Department	
修習別	選修	Required/Elective	Elective
學分數	2	Credits	2
課程目標	學習如何在多樣化的建築材料中，實品體驗各種不同的建材成分、性能、特質。思考如何在妥適地方運用建築材料，配合介紹具有啓發性的建築案例。	Objectives	This course provides studies about different kinds of materials reality exploration of composition and quality among these multiplex architectural materials nowsdays.Also describes concepts and techniques for properly determining scope of architectural materials through a sequence of introduction about the relevent inspirational architectural cases. Eith considering all aspects of factors such as：economy，boauty，safety，fire-resistance，energy-conservation and green architecture,in accordance with architectural materials demanded nowadays, this course aims to find ways to establish a unique architecture modus of Taiwan.
教材	1.王堯雄譯，1982，營建材料學，科技圖書2.吳鍾瑾編著，建築材料，高立圖書3.Sweet's Group,1997,General Building & Renoration,恒英資訊 4.自編教材	Teaching Materials	
成績評量方式	1.平時表現10% 2.作業報告30% 3.期中考30%4. 期末考30%	Grading	Attendence and Report 40% Mid-term 30% Final-term 30%
教師網頁			
教學內容	A.一般建材之介紹 1.建築材料的基本性質2.建築週邊工程3. 混凝土4. 磚牆、石牆泥作工程5. 金屬材料6.木材及塑膠製品7.隔熱及防潮材料8.門窗系列9.建築設備及特殊場所設備10.室內裝修及裝潢材料 B.新環保建材之介紹 1.太陽能的應用2.外牆材料3.日本愛知萬博介紹4.建築的第四維空間--建築燈光控制實習5.房屋工業化 C.分組報告	Syllabus	This course gives students a general introduction in building materials, including the functions, styles, textile and the building code. The three major parts are (1) construction materials, (2) non-construction materials and, (3)interior-design materials. Students can choose the proper materials. in building construction after this class.

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