

朝陽科技大學 094學年度第1學期教學大綱  
Art and Technology of Architecture 建築藝術與技術

當期課號	7261	Course Number	7261
授課教師	林建業	Instructor	,
中文課名	建築藝術與技術	Course Name	Art and Technology of Architecture
開課單位	建築及都市設計研究所碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	建築藝術根植於建築技術，而建築材料又為建築技術發展之基本原泉，故由建材之類別所達成之多采多姿之高雅建築實體，值得從事建築者(專業與學術界)一再去了解、推敲、領悟、掌握。而為提升建築創作之不二教學途徑，已達成培養優秀建築人才的目標。	Objectives	The art of architecture has always been rooted in architectural technology, And the building materials have always been the essential source to the advancement of architecture technology. Hence the objective of this course is to demonstrate how those talented architects ingeniously applied the progressive architectural technology to create the masterpieces of architecture.
教材	1.自編select various excerpts from architectural literature. 2.幻燈片slides from Books and magazines, periodicals.	Teaching Materials	
成績評量方式	教授根據學生的口頭及書面文字報告評分。	Grading	Based on student's oral written reports the gets graded.
教師網頁	-		
教學內容	本課程說明古今建築實例是如何由善于到巧妙運用建築技術而使建築物(某些)成爲人類公認的藝術品，代表人類文明的輝煌成就，再次證明技術與藝術的可融性，人文與科技的互補性。 1.木構造之發展及其藝術境界。 2.磚石構造之發展性及其輝煌成果。 3.現代建築(鋼筋混凝土、鋼、薄殼、薄膜)之最新發展及其特性。	Syllabus	1. Art and Technology of wooden architecture. 2. Art and Technology of scone d Brick architecture. 3. Art d Technology of Reinforcement concrete Architecture. 4. Art d Technology of steel architecture. 5. Art and Technology of architecture in compression. 6. Art and Technology of architecture in Tension.

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