朝陽科技大學 097學年度第1學期教學大綱
Architectural Drawing (1) 建築圖學(一)

當期課號	1917	Course Number	1917
授課教師	陳文亮	Instructor	CHEN,WEN LIANG
中文課名	建築圖學(一)	Course Name	Architectural Drawing (1)
開課單位	建築系(四日)一A	Department	
修習別	必修	Required/Elective	Required
學分數	1	Credits	1
課程目標	繪圖是傳達表現任何形式之設計作品最主要的溝通工具，爲了明確表達建築設計的空間架構與內涵，及其設計之整體概念精髓，我們必須精確有效地掌握繪圖之觀念及方法。圖面表達包含二度之平面圖、立面圖及剖面圖和三度之透視與陰影。圖面表達的正確性是上學期課程訓練的重點，另外也要求掌控線條粗細、濃淡或疏密的層次轉變，整體圖面之輕重變化與內容表達，駕馭建築繪圖的能力愈強，就愈能表現設計作品之意境內涵並從中獲取更多的領悟啓發及自信。	Objectives	This course is designed for the students to their basic drawing skill and knowledge of Architecture. We encourage students not only to establish the understanding of the completed context but also the thinking process. It includes a variety of different drawing representations and techniques. How to use different drawing tools and correct ideas to make those Architectural drawing definitely and nicely.
教材	■參考書目 ◇建築繪圖-方法與型式概論（上）、（下）兩冊 原著：Rendow Yee 譯者：顏麗蓉、黃韋菁 六合出版社 ◇建築製圖原理-技巧與繪圖規劃 原著：Hugh C. Browning 審訂：董大宇 龍溪圖書 ◇建築透視與表現 原著：Jonet Shen & Theodore D. Walker 譯者：張恆輔 六合出版社	Teaching Materials	■Reference： ◇Architectural Drawing, 1997, Rendow Yee, John Wiley & Sons Inc.
成績評量方式	■成績評定： **評分標準：A級(82-92)、B級(69-81)、C級(49-68)、D級(30-48)、F級(20) **期中考試15% **期末考試20% **平時作業&課堂習作50% **字體練習10% **出席記錄5%	Grading	**Mid-Term Test 15% **Final Test 20% **Home works& Drawing in class 50% **Words Practice 10% **Attendence 5%
教師網頁			
教學內容	■課程內容： 1.課程大綱介紹、上課方式及評分標準說明；徒手線條練習 2.建築圖面總論介紹 & 工筆線條練習(鉛) 3.門窗平立剖面圖解說及繪製 & 徒手線條練習(鉛) 4.樓梯平立剖面圖解說及實際丈量繪製 5.植栽、質材及點景練習(針筆) & 工筆線條練習(鉛) 6.門窗平立剖面圖檢討&繪製 7.樓梯平立剖面圖檢討&繪製 & 徒手線條練習(鉛) 8.公寓住家平面圖繪製(含家具擺設及材質) 9.期中考試 10.期中考試檢討說明；透天住宅平立剖面圖解說及平面配置圖繪製(針筆) 11.透天住宅圖面解說及立、剖面圖繪製(針筆) & 徒手線條練習(針) 12.針筆配置圖加陰影練習(含建物植栽及舖面等)	Syllabus	This course prepares students of architecture and design to carry on a similar dialogue between their perceptions of the physical world and their understanding of the elements of design. It instills an understanding of the basic principles of drawing that are universal to all designdisciplines–mass, volume, form, contour, texture, shadow, and more–as it explores the knowledge, rational thought, and analysis that design professionals rely on to create successful drawings. This combination of technique, theory, and analysis equips the designer with a powerful set of tools, crucial to both the creative process and the successful career.

	13.陰影解說及練習 & 住宅配置平面圖徒手線條繪製(針) 14.陰影檢討解說 & 住宅圖面解說及立面與剖面圖徒手繪製(針) 15.設計說明與環境分析之圖面解說繪製(徒手針筆) 16.期末作業繪製(案名、姓名學號、設計說明、配平立剖透陰)&問題解說 17.期末作業總評(Ping Up)；寒假作業說明 18.期末考試(1/11-1/17)、圓滿結束		

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