朝陽科技大學 092學年度第1學期教學大綱
Computer Graphics 電腦繪圖

當期課號	1112	Course Number	1112
授課教師	蕭俊碩	Instructor	HSIAO,CHUN SHUO
中文課名	電腦繪圖	Course Name	Computer Graphics
開課單位	建築系(四日)二A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	電腦繪圖爲一們訓練建築系學生使用電腦做設計的基礎課程。此課程的教學目的除了培養學生熟悉數位技術外，也希望學院教育與建築業界有一個良好銜接關係。主要的課程內容包括2D基本建築繪圖（平面、剖面、立面與施工圖）、3D建築圖（消點透視圖、等角透視圖）與建築圖像的拼貼等。因此，本課程所使用的軟體，主要包括AutoCAD、FormZ與PhotoShop.	Objectives	Computer drawing is the fundamental course for architectural students to use a computer as a design tool. The objective of this course is to make students familiar with the digital technology, as well as make a good connection between academic design education and practical experience. Therefore, this course focuses on 2D architectural drawings (such as plan, section and elevation drawings), 3D architectural drawings (such as perspective or isometric 3D drawing) and image composition and collage. In this course, the main software includes AutoCAD, FormZ and PhotoShop.
教材	1.課程內容講解2. 實習,製作與評圖3. 多媒體課程	Teaching Materials	FormZ-3.5、3D Studio Max 3.0. AutoCad R14,Photoshop 6.0、Dreamweaver 4.0 ,
成績評量方式	隨堂點名10%期中考試40%期末作業50%	Grading	Mid-term 40% Final-term 50% Absence 10%
教師網頁	_		
教學內容	1. Form-z 3.5 和3DMax圖形的繪圖基礎與作業環境 2. 建築圖--平，立，剖等圖面的繪製3. 建築表現法--影像處理與多媒體表現	Syllabus	A basic apply course of computer aid architectural design in graphic which Emphasized in two-dimensional drawings. Students will be tought in the following direction：(1)drawing technic with computer software package（CAD R14 Version）.（2）linear structure model（three dimensional）transfirmed from two-dimensional drawings.

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