朝陽科技大學 099學年度第1學期教學大綱
Computer Graphics 電腦繪圖

當期課號	1784	**Course Number**	1784
授課教師	郭其綱	**Instructor**	KUO,CHYI GANG
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.上課隨堂講義 2. 參考書籍：SketchUp建築及室內設計應用(基礎篇) / 陳力欣 / 碁峯出版社...等等	**Teaching Materials**	1.Syllabus 2.Recommended reference materials.
成績評量方式	期中考40%, 期末考45%, 平時成績及其他表現15%.	**Grading**	Midterms 40%, Final 45%, Attendance and other performance 15%
教師網頁	www.cyut.edu.tw/~chychen		
教學內容	本課程第一階段將以教導同學繪製AutoCAD 2D圖面爲目標，第二階段將教導同學如何快速運用SketchUp繪製3D模型.	**Syllabus**	The goal of this course, in the first stage, is teaching students the skill of 2D drawings by using AutoCAD, and in the second stage, is let students be able to use SketchUp for 3D modeling.

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