朝陽科技大學 096學年度第1學期教學大綱
Design Redering Techniques(1) 設計表現技法(一)

當期課號	1781	Course Number	1781
授課教師	何瑞峰	Instructor	,
中文課名	設計表現技法(一)	Course Name	Design Redering Techniques(1)
開課單位	工業設計系(四日)二A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	1.介紹設計表現技法的形式及創作媒材元素 2.透過對物象的觀察和描繪、開發造型創作的資源，並將創意 以手繪呈現 3.探討表現技法在工業設計產品創造上的應用 4.了解產品造型的運用技法，並實驗其視覺風格	Objectives	1.Introduce the content and materials of the design rendering techniques. 2.To show the imagination with rendering by means of observation and sketch to create a source of form for design. 3.To explore the application of imagination with rendering in terms of industrial design. 4.To learn and apply the rendering techniques.
教材	不指定教材 凡美術雕塑攝影建築設計書籍都是參考資料	Teaching Materials	1)No teaching material assigned. 2)Reference material: fine art, sculpture, photo, architecture and design books.
成績評量方式	每個主題都要畫圖, 當作作業成績. 不考試, 也沒有補考過關. 作業的質與量是評量依據. 不在規定時間交作業, 當次以0分計.	Grading	1)No exame. 2)To be in accordance with the quantity and quality of homework assigned for all subjects.
教師網頁			
教學內容	課程目標 1)透過階段方式充分練習手繪技巧,以達到快速表達設計構想. 2)了解手繪技巧在設計實務的應用. 3)利用手繪過程發展出設計造型 教學內容 以下是一學年的課程 1)sketch的材料及筆法 2)6種幾何体練習及透視 3)幾何体切削 4)幾何体堆疊 5)幾何体交錯及交接線 6)12種線條練習 7)12種線條形成的曲面 8)曲面交錯及交接線 9)曲面與幾何体形成的形體 10)曲面構成形體 11)陰影表現及畫面布局含局部放大圖 12)不同視角的實物素描 13)不同視角的想像物體 14)8種美術形態圖 15)尺及弧形規直尺應用 16)不指定產品的設計圖表現 17)指定產品規格的設計圖表現 18)重點加強塑造個人畫風	Syllabus	OBJECTIVE 1)To achieve a fast sketch skill thru practicing step by step sufficiently. 2)To realize the application of sketches on design process. 3)How to shape out a form while sketching. SYLLABUS Subjects below are for an academic year. 1)To introduce the material and technique of sketches. 2)To practice 6 kinds of geometric forms with perspective. 3)To create a form by cutting a geometric form. 4)To create a form by stacking geometric forms. 5)To join geometric forms and gain an intersection line. 6)To practice 12 kinds of lines. 7)To create a surface by sweeping a line. 8)To intersect surfaces and gain the intersection line. 9)To create a form by joining geometric forms and surfaces. 10)To create a form by joining surfaces. 11)Shading and drawing layout. 12)To sketch an object from different view angles. 13)To sketch an imaginary form from different view angles.

			14)To practice 8 drawing styles of fine art. 15)Tools application. 16)To sketch an unspecified product. 17)To sketch a specified product. 18)To accent on a sketch as personal style. 4)

尊重智慧財產權，請勿非法影印。