朝陽科技大學 093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	1142	Course Number	1142
授課教師	路威	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	you must always bring: an A3 drawing book, a pencil set and eraser. later you must bring colored crayon set with minimum 48 colors, and 1 set of pastel colors with minimum 20 colors. YOU MUST ALSO ALWAYS BRING a Chinese-English dictionary, either book or electronic. 同學會以不同型態分組進行 期末有共同作品討論會 每次上課同學必備品爲 A3 繪圖筆記本及中英文字典 日後上課會使用到色鉛筆 粉彩筆及蠟筆等	Teaching Materials	
成績評量方式	同學會以分組方式上課 無故遲到或缺席會影響總成績 總成績評量標準爲 遲到或出缺席率+期中考+期末考+上課表現及互動以及A3繪圖本上作品進步的過程	Grading	grading takes place 2 times a semester: mid-term and at the end. we do grading together in class. students arrange the drawing books in order from good to less good. the teacher decides top mark and bottom mark. the class is divided into groups. each group has to keep a record of who comes to class. if you do not come to class without a good reason you will fail the course. you must also come to class on time.
教師網頁	http://www.loewy-liao.com		
教學內容	設計表現技法的主要目的在於如何將創意與想法結合 且完整地表現出來 並能給日後客戶對其設計一個最佳的印象 此課程重點會著重在對形的掌握 訓練發展對事物的觀察力 敏銳度及協調性 素描的能力訓練及不同角度觀點與造型的掌握 光線 陰影 透明度等對物體的影響 行動中的物體及人物 人與產品的關係互動 各種不同的線條弧度造型間的平衡 其後並設計出自己的作品及用設計技法表現產品的美感及最佳狀況出來	Syllabus	the purpose of rendering is to communicate our ideas and give our clients a good impression. 1) our first goal is to develop sketching abilities from observation and coordination. we will look at basic 3D forms such as cube, sphere, cone and cylinder from which all shapes are made. we will observe light, highlights, shade and shadow. we will only draw in black and white. 2) we will study people in movement. we will observe and draw hands and feet, and then the body and people in interaction. 3) we will study basic product categories such as mobile phones, water bottles, fire extinguisher, cars and buildings etc. for form, shape and transparency. 4) we will combine products and people. 5) we will study line, curve and balance. 6) we will study color. 7) we will draw our own designs. 8) we will work hard to make

			our drawings as beautiful as possible.

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