朝陽科技大學 093學年度第1學期教學大綱
Industrial Design(3) 工業設計(三)

當期課號	3045	Course Number	3045
授課教師	路威	Instructor	
中文課名	工業設計(三)	Course Name	Industrial Design(3)
開課單位	工業設計系(四進)四A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	一、本課程目的在培養學生執行現存產品設計之能力。在完整工業設計流程的演練中，確立學生對各階段工作內容與品質之應有觀念，一方面提高其自我要求，另一方面令其在各方面都具備業界所要求之水準。 二、要求學生遵照完整之設計流程，並講解各步驟之間的邏輯架構關係。由產品及人因分析、使用者意見調查、趨勢分析及設計策略研擬、構想展開及篩選、草圖及表現圖繪製、草模製作、3D電腦模型建構及模擬，直到成果展示及其設計。在成果展示中學生必須設法以電腦多媒體之方式呈現其全學期各階段之作業成果。雖然作業係以3C產品爲主，但預期學生將因爲對步驟架構及其工作內容較爲深刻之了解而有能力應付不同產業及各種任務狀況之要求。 三、在指導之間培養學生敏銳之觀察力、資料收集整理能力及成果發表能力、灌輸正確之設計理念，並令其具備正確思考與設計判斷之能力。	Objectives	Objectives: Enhancing awareness of the principles and procedures of practical product design which are popularly accepted in industries, devicing students with good foundations for meeting the requirements demanded by industries in terms of executing practical product design project for existing products
教材	we will decide the teaching materials after the seminar (see under syllabus). YOU MUST ALWAYS BRING 1) your A3 sketch book and drawing tools 2) a Chinese-English dictionary, either book or electronic. 在學期初期會先討論各種教學內容 同學會以不同型態分組進行 期末有研討會及展覽 每次上課同學必備品爲 A3 繪圖筆記本及中英文字典	Teaching Materials	
成績評量方式	在此課程中你會學習到如何爲他人評量設計 這將有助於你在重新以不同角度去審視你自己的設計作品 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10% 期中考30% 期末考30% 上課表現及互動30%	Grading	as part of this course we will learn to evaluate other people's work and to grade it. this helps you to evaluate your own work. the class is divided into groups who have to keep a record of attendence. grades will be given for 1) attendence, conduct and coming on time: 10%. if you miss more than 1/4 of the classes without a good reason, you will fail. 2) for your mid-term result: 30%. 3) for your final result at the exhibition: 30%. 4) from the class and teacher: 30%.
教師網頁	http://www.loewy-liao.com		
	工業設計3的重點爲更深入地了解工業設計及設計在爲人而設計 爲廠商而設計 爲市場而設計 之間的平衡點爲何 在學期初期會先討論此學期各種教學主題以及會與台中一家生產國際市場輪椅的公司建教合作 並設計國際性產品 同學會分組進行案子且相互合作及評審作品 期末以開放性展覽方式呈現 並有研討會來討論及統整		our objective for industrial design 3 is to develop a deeper understanding of the balance between design for people, design for manufacture and design for marketing. we will start the semester with a seminar introduce the theme for this semester. during this term we will collaborate with a taichung company who produce wheelchairs for the international market. before new year we will

教學內容		**Syllabus**	design an industrial product, a service product and an experience product. we will divide the class into groups who must compete with each other and also review and evaluate each other's work. we will end the semester with an exhibition. at the exhibition the visitors can grade your work. we will end the semester with a seminar about design for business and together we will rank all the projects in the class.

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