

朝陽科技大學 094學年度第1學期教學大綱
Industrial Design(3) 工業設計(三)

當期課號	3438	Course Number	3438
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	<p>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產品為主，但預期學生將因為對步驟架構及其工作內容較為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。</p>	Objectives	<p>Objectives: Enhancing awareness of the principles and procedures of practical product design which are popularly accepted in industries, devising students with good foundations for meeting the requirements demanded by industries in terms of executing practical product design project for existing products</p>
教材	all normal design, research and documentation tools including A4 notebook and sketch materials	Teaching Materials	
成績評量方式	<p>The class decides if each presentation is "bought or failed". The success of your group becomes your team mark. During every lesson an activity log is kept of who speaks and participates to decide credits. This is your bonus. Your bonus is your personal mark. Your grade will be your team mark plus your personal bonus. If you miss three classes during the semester without a documented reason you will fail the course.</p>	Grading	<p>The class decides if each presentation is "bought or failed". The success of your group becomes your team mark. During every lesson an activity log is kept of who speaks and participates to decide credits. This is your bonus. Your bonus is your personal mark. Your grade will be your team mark plus your personal bonus. If you miss three classes during the semester without a documented reason you will fail the course.</p>
教師網頁	-		
教學內容	<p>The goal of this course is to develop your ability to develop and manage a design project in a simulation of a real-life studio. This is a studio class in seminar form. The whole class is a Design Studio and each team is a project group and a profit centre within the Studio. You will working together and making client presentations. Each team defines the individual resources of its members, and divides the work between them to reach goals and deadlines. You will go through 3 whole design projects in one term, from idea to client presentation. Every week except at project presentations, the seminar has the form of an internal studio</p>	Syllabus	<p>The goal of this course is to develop your ability to develop and manage a design project in a simulation of a real-life studio. This is a studio class in seminar form. The whole class is a Design Studio and each team is a project group and a profit centre within the Studio. You will working together and making client presentations. Each team defines the individual resources of its members, and divides the work between them to reach goals and deadlines. You will go through 3 whole design projects in one term, from idea to client presentation. Every week except at project presentations, the seminar has the form of an internal studio</p>

meeting where you make a progress report, project status, questions from group to studio, studio brainstorm and project plan for next week. Project Presentations are Client Presentations. In these weeks, each production team sells their project to the rest of the class.

meeting where you make a progress report, project status, questions from group to studio, studio brainstorm and project plan for next week. Project Presentations are Client Presentations. In these weeks, each production team sells their project to the rest of the class.

尊重智慧財產權，請勿非法影印。