

朝陽科技大學 091學年度第2學期教學大綱  
Basic Design (2) 基本設計(二)

當期課號	3027	Course Number	3027
授課教師	路威	Instructor	
中文課名	基本設計(二)	Course Name	Basic Design (2)
開課單位	工業設計系(四進)二A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	本課程在於訓練同學之對於三維空間中動態結構能力，目的在於使同學了能如何產生解決問題的方法，並藉由習作使學生能了解基本之設計觀念。	Objectives	The purpose of this course focuses on the training of the kinetic mechanism in 3D space. The goal is to create design solutions that can demonstrate the design knowledge in active mechanism with respect to changing individual, social and environmental needs.
教材		Teaching Materials	This class is in English. The class is divided into new teams for each project section. Each group will have a team leader who speaks English. The class will not go to the next step without checking that ALL students have understood the lesson. To ALL lessons you must bring 1.a name badge with your name in pin-yin, your english name and your student number. 2. a hard-cover A3 sketch book for all your drawings and notes. 3. a chinese-english-chinese dictionary, either printed or electronic. 4. you must come to class on time or your grade will be lowered.
成績評量方式		Grading	You will be evaluated project-by-project and the sum of your projects will become your competence file, counting 60%. You will also have a final examination with an oral presentation before external censors to test your skills (40%).
教師網頁	-		
教學內容		Syllabus	Design for evening students, often employees in corporations and design offices etc. Covers a broad range of design disciplines from management to environment, strategies to materials and processes. The course will give you tools enabling you to understand design in business; communicate design issues to professionals in other areas; plan, manage and present design projects; design products and product families for branding etc. We aim to give you tools supplementing your other professional abilities, enabling you to upgrade your knowledge and responsibilities within a corporation or design office. A major goal is to give you planning, management and leadership tools relevant to industries upgrading in relation to both the global and the emerging knowledge-based economy. Apart from developing design skills,

emphasis will be put understanding the role and scope of design as a business-development tool. Projects will focus on combining design with R&D; developing creativity and project management tools; strong conceptualizing skills; strategic perspective; branding and marketing recommendations; team and network-building etc. Participants will also be encouraged to form special-interest and knowledge-exchange groups. The main body of the course will be project-based with group-coaching, supplemented with participant-run seminars, workshops and experience exchange. We will spend time to discover the interests and experience of the participants and tailor the subjects accordingly. Most projects will last 1 to 2 weeks so you jump in and out if you need to fit in projects at work that conflict with the timing of the course.

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