

佛光大學 課程大綱 Course Outline

課程名稱 Course Name in Chinese	設計專題(一)				
英文課程名稱 Course Name in English	Thesis for Design Group(I)				
科目代碼 Course Code	PM407			班別 Degree	<input checked="" type="checkbox"/> 學士班 Undergraduate Program <input type="checkbox"/> 碩士班 Masters Program <input type="checkbox"/> 博士班 PhD Program
學分數 Credit	4	時數 Hour	4	修別 Type	<input checked="" type="checkbox"/> 必修 Required <input type="checkbox"/> 選修 Elective
學程別 Program	<input type="checkbox"/> 通識教育 General Education <input type="checkbox"/> 院基礎 Foundation <input type="checkbox"/> 跨領域 Interdisciplinary <input checked="" type="checkbox"/> 系核心 Core <input type="checkbox"/> 學系專業選修 Specialized Elective				
先修課程 prerequisite	Product and Media Design (一)、(二)、(三)、(四)				
課程描述 Course Deacription					
<p>The course emphasizes the combination between theories and practices. Thus, by professional knowledge and skills learned in the first three years of university, students accomplish the design, transform the design ideas into scales and treat feasibility, benefit of use and cost analysis as the criteria to select design. After the establishment, they have 3D model construction realization of design. In addition, by media design, it supplements the situation that some models are not useful in order to lead to the optimal presentation and demonstration.</p>					
課程目標 Course Objectives					
<ol style="list-style-type: none"> 1. Be familiar with design problem discovery and care about daily lives and environment 2. Be familiar with solution and steps of design problems. 3. Be familiar with characteristics and content of design analysis 4. Be familiar with idea development and skill and method of design integration 5. Be familiar with model manufacturing skill and 3D model construction 6. Be familiar with characteristics and manufacturing skill of media 					
教育目標 Education Objectives					
1	Cultivation of professional capability of products and media				
2	Cultivation of design capability of cultural and creative industry				
3	Cultivation of professional ethics and social concern				
4	Aesthetic practice in life, live and career education				
核心能力 (專業能力) Learning Outcomes (Basic Learning Outcomes)				課程目標與基本素養 與核心能力相關性 Correlation between Course	

		Objectives and learning Outcomes
A	Professional knowledge	★
B	Design Technology	★
C	Humanities	★
D	Creative Thinking	★
E	Information Technology	★
F	Communication and expression	★
圖示說明：Illustration：★高度相關 Highly correlated ◎中度相關 Moderately correlated		
課程綱要 Course Outline		

週別	日期	課程內容： (含每週授課主題及進度)	備註
一		question searching	From social phenomenon, use experience and analysis of data collection, the groups and products for study are recognized
二		Design and planning	Design motivation, design goals and design concept setting
三		Data collection and analysis	By analysis of groups, environment, operation, current products, related products and techniques, the problems are discovered and possible improvement are developed
四		Design and planning intended	Design regulations are constructed according to the issue studied and creativity
五		Design Specification Review	Presentation of design concept and regulations
六		Concept development	Development of SKETCH by design methods learned in the first three years and according to design regulations
七		Concept development	
八		Conceived review	50 case SKETCH
九		Rough model making	Construction diagram drawing and sketch model manufacturing
十		Sketch model examination and modification	Taped
十一		1. Computer 3D modeling 2. Scenario planning and writing	
十二		Construction diagram examination	Inquiry of firms' data and manufacturing method
十三		1. Precision mold manufacturing 2. Script and storyboard planning	
十四		Fine mold making (一)	Materials and rough manufacturing
十五		1. Fine mold making (二) 2. Video pre-production	1. Script and storyboard setting 2. Shot and design of characters, scenes and motions
十六		Fine mold making (三)	Precision manufacturing and surface processing
十七		Fine mold making (四)	
十八		1. Precision mold examination 2. Video Production	Accomplishment of all components Film manufacturing of winter vacation

資源需求評估 (師資專長之聘任、儀器設備配合...等)

Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)

- Teachers must have practical experience of product and media design
- Teachers should have good communication and negotiation competence
- Teachers must have strong decision-making ability and leadership

課程要求及教學方式之建議

Course Requirements and Suggested Teaching Methods

- Be familiar with problem discovery and generalization
- Be familiar with solution and steps of design problems
- Be familiar with characteristics and content of design analysis
- Be familiar with technique and content of design integration
- Be familiar with product value and evaluation and analysis of media techniques In order to cultivate students' professional design literacy and sense of responsibility, students should submit the assignments before the deadline. The delayed submission is allowed within one week for the concern of emergency and sickness. Grades of the assignments will be 20% off. Without the submission of the assignments with proper reasons, the students will receive the grades as 0.
- Regular calls in classes; regarding students who cut classes without specific reasons for at least four times, the examination will be failed according to rules of schools.

其他

Miscellaneous