

佛光大學 課程大綱 Course Outline

課程名稱 Course Name in Chinese	產品與媒體設計(二)				
英文課程名稱 Course Name in English	Product and Media Design (II)				
科目代碼 Course Code	PM204			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	3	時數 Hour	3	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	設計基礎(一)、設計基礎(二)、Product and Media Design (一)				
課程描述 Course Description					
Based on the primary experience with product and media design in the previous semester, the course includes different design methods, creative thinking and observation and concern about local culture in order to cultivate students' different visions and experience different visions and experiences of design development. By practice design and concrete manufacturing, in the course planning, methodology is gradually introduced to allow students to properly match theories with practices.					
課程目標 Course Objectives					
1. Proper use of design ideas and convergent methods 2. Be familiar with design and presentation techniques 3. Be familiar with types of films and attributes of products 4. Be familiar with product design and film design process 5. Be familiar with manufacturing method and use of materials					
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：lllustration：★高度相關 Highly correlated ◎中度相關 Moderately correlated

課程綱要

Course Outline

週次	課程內容： (含每週授課主題及進度)	備註
一	lighting products(flashlight tor lamps) design	Thin shell concept and component assembly relationship
二		Machinery component function and operational interface
三		Idea sketch and drawing of construction diagram
四		Draft manufacturing and 3D model construction
五		Precision mold manufacturing and special paint
六		3D animation and array planning
七		3D animation retouching and sound effect processing
八		Display panels production
九	Mid-term review	Presentation of design
十	Appliance product design	Positioning of users and life style
十一		Operational environment and limitation
十二		Idea sketch and draft manufacturing
十三		3D model construction and construction transfer of 3D model
十四		Precision mold manufacturing and surface processing
十五		Array planning of film and shooting skill
十六		Retouching of special effects and editing (including sound effect processing)
十七	Display panels production	
十八	End-term review	Presentation of design
<p>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.)</p> <ul style="list-style-type: none"> ● Teachers must have practical experience of product and media design ● Teachers must have good communication and negotiation capability ● Teachers must be able to control design trend and social movement ● DV camera ● Devices in computer classroom are required. Computers must be installed with independent video card of at least 1G, memory of at least 4G and non-linear editing software 		
<p>課程要求及教學方式之建議 Course Requirements and Suggested Teaching Methods</p>		

- Description and explanation of theories in class
- Actual reorganization and use of works
- Actual participation in design planning discussion and use of methods
- 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