

## 佛光大學 課程大綱 Course Outline

課程名稱 Course Name in Chinese	模型製作(二)				
英文課程名稱 Course Name in English	Model-making Workshop(II)				
科目代碼 Course Code	PM124			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 type="checkbox"/> 必修 Required <input checked="" 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 type="checkbox"/> 系核心 Core <input checked="" type="checkbox"/> 學系專業選修 Specialized Elective				
先修課程 prerequisite					
課程描述 Course Description					
To guide students to practice basic model techniques to match basic model manufacturing techniques required as product designers. As to concept, students are enhanced to effectively increase design benefits by model.					
課程目標 Course Objectives					
1. Practice of basic product model manufacturing by actual manufacturing 2. To understand model surface processing by use of tools.					
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
第一週	Meeting: introduction of course content and progress, introduction of model	
第二週	Warm up: work environment and tool requirement	
第三週	Introduction and use of vacuum forming devices	Unit Practic1
第四週	Introduction of vacuum forming process	
第五週	Processing of top and lower panels	Unit Practic2
第六週	Processing of top and lower panels	
第七週	Painting skill	Unit Practic3
第八週	Midterm model	
第九週	Midterm week	Presentation
第十週	Molding concept	
第十一週	Moldflow analysis	Unit Practic4
第十二週	Mold filling manufacturing	
第十三週	Title confirmed	
第十四週	The end of the model to discuss 1	Data collection
第十五週	The end of the model to discuss2	Sketch
第十六週	The end of the model to discuss 3	Framed
第十七週	Final model published with review	Presentation
第十八週	Total review and pay works	

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.)

1. Modeling expertise of teachers
2. Model studio
3. Spray booth

### 課程要求及教學方式之建議

#### Course Requirements and Suggested Teaching Methods

Cultivation of professional design literacy; the assignments should be submitted on time. For the delayed submission, students will receive 0 as the score.

There will be irregular calls in classes. Regarding cutting class without proper reasons for at least 4 times,

the students will not obtain the credit from the course.

其他  
Miscellaneous