

佛光大學 課程大綱 Course Outline

課程名稱 Course Name in Chinese	設計製圖				
英文課程名稱 Course Name in English	Design Drafting				
科目代碼 Course Code	PM119			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	2	時數 Hour	2	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					
By explanation, demonstration and practice, the course aims to trigger students' learning interest in image manufacturing and recognition and allows students to find the importance of image manufacturing to design.					
課程目標 Course Objectives					
1.To know and try the possibility of design use by concept of graph theory. 2. To understand the method and content of product design by the concept of perspective					
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 and description of related regulations	Unit Practice 1
第二週	Warm up: concept of graph theory and work environment	
第三週	Introduction and application of construction characters	Unit Practice 2
第四週	Application of construction characters	
第五週	Introduction and application of basic geometric images	Unit Practice 3
第六週	Basic geometric image drawing	
第七週	The concept of expansion plan development graph	Presentation
第八週	Expansion plan development graph drawing	
第九週	The concept of 3D projection	Unit Practice 4
第十週	3D projection drawing	
第十一週	Advance 3D projection drawing	
第十二週	The concept of elevation	
第十三週	Elevation drawing	
第十四週	Concept of perspective and drawing	Data collection
第十五週	One-point perspective drawing	Sketch
第十六週	Two-point perspective drawing	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. Teachers of design drawing

2. Drawing studio

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