

佛光大學 課程大綱 Course Outline

課程名稱 Course Name in Chinese	電腦繪圖				
英文課程名稱 Course Name in English	Computer Illustration				
科目代碼 Course Code	PM 432			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					
<p>In this course, students are first guided by vector graphic software. By instruction of basic operational skills of software and teachers' demonstration, learners can absorb the principle of vector graphics in practices and have the capability to use creation tools. By computer graphic tools, they can specifically express their ideas of design.</p>					
課程目標 Course Objectives					
1. Introduction of multiple applications of computer graphics in design composition 2. Introduction of characteristics of software and hardware and the role of computer in modern lives 3. Students can be familiar with the operation of software and cultivate the capability to accomplish the creation by computer					
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	日期	課程內容： (含每週授課主題及進度)	備註
1		Introduction	
2		Introduction of operational environment and basic operation	
3		Boolean Operation and basic drawing and editing of Bezier curve	
4		Model skill and editing and color setting and management	
5		Practices of layer use and tracing editing	
6		Visual works draw (1)	
7		Visual works draw (2)	
8		Visual works draw (3)	
9		Midterm exam	Presentation
10		Imitation of mesh tool application (1)	
11		Imitation of mesh tool application (2)	
12		Imitation of mesh tool application (3)	
13		Creation draw (1)	
14		Creation draw (2)	
15		Creation draw (3)	
16		Creation draw (4)	
17		Sermester performance	Presentation
18		Final Exam	

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 must have practical experience of product and media design
2. PC

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.
- Teacher demonstrates in class and students practice of questions.

其他
Miscellaneous