佛光大學 課程大綱 Course Outline

課程名稱 Course Name in Chinese	數位影音設計				
英文課程名稱 Course Name in English	Digital Video and Audio design				
科目代碼 Course Code	PM264			班別 Degree	■學士班 Undergraduate Program □碩士班 Masters Program □博士班 PhD Program
學 分 數 Credit	3	時數 Hour	3	修別 Type	□必修 Required ■選修 Elective
學程別 Program	□通識教育 General Education □院基礎 Foundation □跨領域 Interdisciplinary □系核心 Core ■學系專業選修 Specialized Elective				
先修課程 prerequisite					

課程描述 Course Description

The course is based on learning of video and audio production and it introduces the manufacturing of film special effect and film editing. Work process of retouching is learned by actual operation.

課程目標 Course Objectives

1 Understand and be familiar with work process of film retouching.

2 Independent accomplishment of a short film by learning and use of software.

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	日期	課程內容： （含每週授課主題及進度）	備註
1		Course Introduction	Introduction of film production.
2		Introduction VFX film process.	Understand effects software.
3		Composition principle.	Layer and Mask introduction.
4		Transitions tools and lighting introduction.	Camera and Lighting setup.
5		File management and arrangements.	Construct hierarchical management.
6		Filter effects introduction.	Post Production effects processing.
7		Text motion processing introduction.	Subtitle and text effects.
8		Video formats introduction.	Rendering introduction.
9		Midterm	Presentation
10		Post-production editing tools and software introduction.	Recognizing editing software to edit the operation panel and processes.
11		Understand video editing and editing skills.	Transition introduction.
12		Understand camera language.	Using transition effects.
13		Using variety of video materials.	Examples discussed.
14		Title and text design.	Subtitles effects.
15		File conversion between effects and editing software.	Effects composition.
16		Video production	Questions and discussion.
17		Final exhibition.	Presentation
18		Final review.	Questions and discussion.

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.）

Professional teachers of film VFX production must have the competence of on-site demonstration

課程要求及教學方式之建議

Course Requirements and Suggested Teaching Methods

1. In order to cultivate professional design literacy, students must submit the assignments before deadline. The delayed submission will be counted as 0.

2. Irregular calls in class; for cutting classes without specific reasons for at least 4 times, students will be obtain the credits from the course.

其他

Miscellaneous