朝陽科技大學 096學年度第2學期教學大綱
Digital Image Processing 數位影像處理

當期課號	3404	Course Number	3404
授課教師	溫慧懿	Instructor	WEN,HUI I
中文課名	數位影像處理	Course Name	Digital Image Processing
開課單位	視覺傳達設計系(二進)三A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	1、培養學生在數位影像處理之獨立執行能力。 2、使學生熟悉照片修復、圖層原理、遮照與色版、編輯設計、向量繪圖技巧、構圖、網頁切片與 gif動畫等。 3、了解數位影像處理相關技巧，使學生能解決現實數位影像案例所面臨的問題。	Objectives	The goal of this class is to provide students with the ability and knowledge to be able to independently execute a portfolio of their work in digital image processing. The class will cover photo retouching, layer's principle, mask and channel, typography design, vector drawing skill, image layout, web slicing, and gif animation. Students with some experience in digital image processing will benefit from learning more about the problem-solving aspects of digital image processing on real world case.
教材	1.自編講義 2.Photoshop 數位像片專業設計/陳賢錫譯,台北:旗標出版社,2005 3.數位設計 Digital Design/ Pina lewandowsky, Francis Zeischegg, 台北:六和出版社,2001 4.Photoshop 影像密碼/上奇/游閔州 5.數位設計 Digital Design/ Pina lewandowsky 台北:六和出版社 6.Photoshop CS影像聖堂兒-葉媗隆-上奇，	Teaching Materials	Photoshop CS-Yen, E-Lon-GrandTech, and customing teaching materials.
成績評量方式	課堂參與情形 20% 出席情形 10% 平時作業成績 10% 期中上機 30% 期末作品 30%	Grading	Final works Paricipate（20%）、Three Assignment（20%）、Final Works（30%） Works Grade According（Design、Integral、Creative） Test (30%)
教師網頁	_		
教學內容	使學生在數位影像處理之獨立執行能力; 熟悉照片修復、圖層原理、遮罩與色版、編輯設計、向量繪圖、構圖、網頁切片等技巧。本課程是爲實務課程，著重工具的整合應用使學生能解決現實數位影像案例所面臨的問題。強調藉由桌上排版繪圖相關軟體的操作與訓練，培養學生實際的視覺設計執行能力與與影像設計美學與技巧的觀念。同時利用實務作業的方式，循序漸進讓同學逐步熟悉向量繪圖與組頁排版，掌握圖像、文字技巧的認知、資訊傳達的形式功能與設計表現實務，並融合創新實驗性的設計方法，探試開發新形式的可能性。	Syllabus	Students in this class will develop their digital visualization skills using raster-based applications like Photoshop and illustrator.The goal of this class is to provide students with the ability and knowledge to be able to independently execute a portfolio of their work in digital image processing. The class will cover photo retouching, layer's principle, mask and channel, typography design, vector drawing skill, image layout, web slicing, and gif animation. Students with some experience in digital image processing will benefit from learning more about the problem-solving aspects of digital image processing on real world case.

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