

107-2 Full Curriculum of Da-Yeh University

Information			
Title	Web Animation Design	Serial No./ID	0741 / MDI2018
Required/Credit	Optinal /2	Time/Place	(Fri)34 / H615
Language	Chinese	Grade Type	Number
Lecturer /Full- or Part-time	Lingling Huang /Full-time	Graduate Class	Non-graduating Class
School System /Dept /Class, Grade	Bachelor /Bachelor Program for Multimedia Digital Content /Class 1, Grade 2		
Office Hour / Place	(Mon) 09:10~10:00, (Mon) 15:20~16:10, (Tue) 09:10~10:00, (Thu) 15:20~16:10, (Fri) 09:10~10:00, (Fri) 15:20~16:10 / H429		
Lecturer	n.a.		

Introduction
This course introduces basic concepts of Web Animation by using Adobe Flash and Adobe Edge Animate.

Outline
1. The Interface 2. Graphics and symbols 3. Timeline animation 4. Interactive buttons 5. Digital video 6. Action Script

Prerequisite
none

The Relationship Between Courses and Departmental Core Competencies and Basic Skills
 Acquire professional knowledge of multimedia digital content design
 Acquire the technologies, skills and the capability of using modern tools for practicing multimedia digital content design
 Acquire the capability of integrating multimedia digital content knowledge and technologies
 Acquire the capability of finding out, analyzing and solving complex interdisciplinary multimedia design problems
 Acquire the capability of creative thinking and innovational design
 Acquire the capability of managing project, communicating each other, respecting different viewpoints and cooperating within the team
 Realize the industrial issues and understand the effects of multimedia design to industries, social ecology and economy, and worldwide

-  Acquire the capability of lifetime learning
 -  Acquire professional working ethics and society responsibility
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Teaching Plan						
Core Capability	Weight(%) 【A】	Ability index(Performance Indicators)	Teaching Methods	Assessment and Weight	Core Competency Learning Outcomes 【B】	Final Exam Grades 【C=B*A】
Acquire professional knowledge of multimedia digital content design	20	Cultivate the capability of realizing multimedia digital content theory Cultivate the capability of being familiar with multimedia digital content knowledge Cultivate the capability of being possessed of multimedia digital content professional knowledge, including animation, comic, game design, and so on Cultivate the capability of being possessed of multimedia digital content design quality and accomplishment, including cultural creativity, art, esthetics, and so on	Lecturing Practical Operation (Experiment, Machine Operation Special Report	Product Manufacturing: 20% Course Participation: 10% Midterm Exam: 25% Homework Assignment: 35% Course Request Professional Certificates: 10%	Total: 100	20
Acquire the technologies, skills and the capability of using modern tools for practicing multimedia digital content design	20	Cultivate the capability of being possessed of and applying multimedia digital content professional design technologies and skills Cultivate the capability of using modern multimedia software and hardware tools Cultivate the capability of implementing multimedia digital content system	Lecturing Practical Operation (Experiment, Machine Operation	Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 35% Midterm Exam: 25% Course Request Professional Certificates: 10%	Total: 100	20

Acquire the capability of integrating multimedia digital content knowledge and technologies	20	Cultivate the capability of integrating theoretical knowledge and practical technology Cultivate the capability of integrating visual communication, information technology and content management knowledge	Lecturing Special Report Practical Operation (Experiment, Machine Operation	Midterm Exam: 25% Homework Assignment: 35% Course Participation: 10% Product Manufacturing: 20% Course Request Professional Certificates: 10%	Total: 100	20
Acquire the capability of finding out, analyzing and solving complex interdisciplinary multimedia design problems	10	Cultivate the capability of exploring complex multimedia design problems Cultivate the capability of analyzing and organizing complex multimedia design problems Cultivate the capability of solving and practicing complex multimedia design systems	Practical Operation (Experiment, Machine Operation Lecturing Special Report	Midterm Exam: 25% Homework Assignment: 35% Course Participation: 10% Product Manufacturing: 20% Course Request Professional Certificates: 10%	Total: 100	10
Acquire the capability of creative thinking and innovational design	10	Cultivate the capability of creative thinking Cultivate the capability of innovational design	Lecturing Practical Operation (Experiment, Machine Operation Special Report	Homework Assignment: 35% Midterm Exam: 25% Course Participation: 10% Course Request Professional Certificates: 10% Product Manufacturing: 20%	Total: 100	10
Acquire the capability of managing project, communicating each other, respecting different viewpoints and cooperating within the team	5	Cultivate the capability of communication, coordination, and team cooperation Cultivate the capability of project planning, execution and management Cultivate the capability of respecting different viewpoints	Practical Operation (Experiment, Machine Operation Lecturing Special Report	Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 35% Midterm Exam: 25% Course Request Professional Certificates: 10%	Total: 100	5

Realize the industrial issues and understand the effects of multimedia design to industries, social ecology and economy, and worldwide	5	Cultivate the capability of understanding the effects of multimedia design to industries, societies, and worldwide Cultivate the capability of realizing the industrial issues of multimedia digital content Cultivate the capability of great foresight and international view Cultivate the capability of solving industry actual problem Cultivate working proficiency in career of multimedia digital content	Practical Operation (Experiment, Machine Operation Lecturing Special Report	Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 35% Midterm Exam: 25% Course Request Professional Certificates: 10%	Total: 100	5
Acquire the capability of lifetime learning	5	Cultivate the capability of lifetime learning by different ways	Lecturing Practical Operation (Experiment, Machine Operation Special Report	Midterm Exam: 25% Homework Assignment: 35% Course Participation: 10% Product Manufacturing: 20% Course Request Professional Certificates: 10%	Total: 100	5
Acquire professional working ethics and society responsibility	5	Cultivate the accomplishment of being possessed of well human relationship and career ethics Cultivate the accomplishment of being possessed of society responsibility in professional field	Lecturing Practical Operation (Experiment, Machine Operation Special Report	Midterm Exam: 25% Homework Assignment: 35% Product Manufacturing: 20% Course Participation: 10% Course Request Professional Certificates: 10%	Total: 100	5

Grade Auditing

Homework Assignment: 35%

Midterm Exam: 25%

Product Manufacturing: 20%

Course Participation: 10%

Course Request Professional Certificates: 10%

Book Type (Respect intellectual property rights. Please use official textbooks and do not illegally photocopy others' works.)

Book Type	Book name	Author
Reference Books	用Flash CS6玩動畫比你想的簡單	文淵閣工作室
Reference Books	Adobe Animate 使用手冊(線上教學)	Adobe
Reference Books	跟Adobe徹底研究Animate CC 2018	Russell Chun

Lesson Plan

Weeks	Content	Teaching Methods
1	軟體簡介、插畫繪圖自己來 & 智財權宣導(含告知學生應使用正版教科書) & 交通安全宣導 & Traffic safety Propaganda safety Propaganda	Lecturing、 Practical Operation (Experiment, Machine Operation
2	Drawing Tools	Lecturing、 Practical Operation (Experiment, Machine Operation
3	Creating Animation	Lecturing、 Practical Operation (Experiment, Machine Operation
4	Motion tween and Layers	Lecturing、 Practical Operation (Experiment, Machine Operation
5	Motion Guide and Masks	Lecturing、 Practical Operation (Experiment, Machine Operation
6	Bone tool and 3D Animation	Practical Operation (Experiment, Machine Operation
7	Holiday break	Holiday break、 Lecturing、 Practical Operation (Experiment, Machine Operation
8	Midterm	Lecturing、 Practical Operation (Experiment, Machine Operation

9	ActionScript and Button	Practical Operation (Experiment, Machine Operation)
10	Preload and Menu	Lecturing、 Practical Operation (Experiment, Machine Operation)
11	Flash Video	Lecturing、 Practical Operation (Experiment, Machine Operation)
12	Flash Games	Lecturing、 Practical Operation (Experiment, Machine Operation)
13	ACA Certificattion	Lecturing、 Practical Operation (Experiment, Machine Operation)
14	ACA Certificattion	Lecturing、 Practical Operation (Experiment, Machine Operation)
15	Adobe Edge Animate	Practical Operation (Experiment, Machine Operation)
16	Adobe Edge Animate	Lecturing、 Practical Operation (Experiment, Machine Operation)
17	HTML5 Canvas Animation	Lecturing、 Practical Operation (Experiment, Machine Operation)
18	Student Presentation	Special Report