

108-2 Full Curriculum of Da-Yeh University

Information			
Title	Web Design and Application	Serial No./ID	0694 / MDI2006
Required/Credit	Optinal /2	Time/Place	(Wed)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 1		
Office Hour / Place	(Mon) 10:10~11:00, (Mon) 11:10~12:00, (Mon) 15:20~16:10, (Wed) 09:10~10:00 / H429		
Lecturer	n.a.		

Introduction

This course introduces basic web design concepts by using Adobe Dreamweaver.

Outline

1. Set up Dreamweaver CS6 and use its design and layout tools
2. Create, publish, and maintain websites
3. Add text, images, and multimedia to your pages
4. Build CSS-based websites to create consistent, standards-based page designs
5. Use modern web design techniques including CSS3 transitions and fluid grids
6. Design HTML5 web pages optimized for mobile devices
7. Add web fonts for more visually exciting text

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



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 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 Cultivate the capability of realizing multimedia digital content theory	Lecturing Practical Operation (Experiment, Machine Operation	Course Participation: 10% Homework Assignment: 40% Midterm Exam: 25% Product Manufacturing: 25%	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	Course Participation: 10% Homework Assignment: 40% Midterm Exam: 25% Product Manufacturing: 25%	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 Practical Operation (Experiment, Machine Operation Case Study	Midterm Exam: 25% Homework Assignment: 40% Course Participation: 10% Product Manufacturing: 25%	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	Case Study Lecturing Practical Operation (Experiment, Machine Operation	Midterm Exam: 25% Homework Assignment: 40% Course Participation: 10% Product Manufacturing: 25%	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 Case Study Practical Operation (Experiment, Machine Operation	Midterm Exam: 25% Homework Assignment: 40% Product Manufacturing: 25% Course Participation: 10%	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	Course Participation: 10% Homework Assignment: 40% Midterm Exam: 25% Product Manufacturing: 25%	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	Case Study Lecturing Practical Operation (Experiment, Machine Operation	Course Participation: 10% Homework Assignment: 40% Midterm Exam: 25% Product Manufacturing: 25%	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	Midterm Exam: 25% Homework Assignment: 40% Course Participation: 10% Product Manufacturing: 25%	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 Case Study Practical Operation (Experiment, Machine Operation	Midterm Exam: 25% Course Participation: 10% Homework Assignment: 40% Product Manufacturing: 25%	Total: 100	5

Grade Auditing

Homework Assignment: 40%

Midterm Exam: 25%

Product Manufacturing: 25%

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

Book Type	Book name	Author
Reference Books	Dreamweaver CC網頁製作比你想象的簡單--HTML5、CSS3、jQuery、Facebook、行動網站 全面應用	文淵閣工作室編著
Reference Books	跟Adobe徹底研究Dreamweaver CC	Jim. Maivald

Lesson Plan

Weeks	Content	Teaching Methods
1	Dreamweaver簡介、開始規劃網站、網站檔案發佈與維護 & 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、 Case Study、 Practical Operation (Experiment, Machine Operation
2	Navigate Dreamweaver	Lecturing、 Practical Operation (Experiment, Machine Operation
3	Format text using HTML tags	Lecturing、 Practical Operation (Experiment, Machine Operation
4	Add text, images, and multimedia to your pages	Lecturing、 Practical Operation (Experiment, Machine Operation
5	Build CSS-based websites to create consistent, standards-based page designs	Lecturing、 Practical Operation (Experiment, Machine Operation
6	Quiz1	Lecturing、 Practical Operation (Experiment, Machine Operation
7	Build CSS-based websites to create consistent, standards-based page designs	Lecturing、 Practical Operation (Experiment, Machine Operation
8	Design HTML5 web pages optimized for mobile devices	Lecturing、 Practical Operation (Experiment, Machine Operation
9	Design HTML5 web pages optimized for mobile devices	Practical Operation (Experiment, Machine Operation
10	Use modern user interface elements with jQuery UI widgets and CSS3 effects	Lecturing、 Practical Operation (Experiment, Machine Operation
11	Use modern user interface elements with jQuery UI widgets and CSS3 effects	Lecturing、 Practical Operation (Experiment, Machine Operation

12	Quiz2	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
13	Adding forms to web pages	Lecturing、 Practical Operation (Experiment, Machine Operation
14	FormAdding forms to web pages	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
15	Student Presentation	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
16	Create, publish, and maintain websites	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
17	ACA Certificate	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
18	Final Exam	Practical Operation (Experiment, Machine Operation、 Special Report