

107-1 Full Curriculum of Da-Yeh University

Information			
Title	Introduction to Programming	Serial No./ID	0765 /MDI2001
Required/Credit	Required /3	Time/Place	(Wed)234 / 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) 13:20~14:10, (Mon) 14:20~15:10, (Wed) 13:20~14:10, (Wed) 14:20~15:10, (Thu) 13:20~14:10, (Thu) 14:20~15:10 / H429		
Lecturer	n.a.		

Introduction
TO learn basic programming skills for web pages. Major topics includes HTML, CSS, JavaScript.

Outline
TO learn basic programming skills for web pages. Major topics includes HTML, CSS, JavaScript.

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 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	Case Study Lecturing Practical Operation (Experiment, Machine Operation	Course Participation: 10% Homework Assignment: 30% Quiz: 15% Midterm Exam: 20% 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	Case Study Lecturing Practical Operation (Experiment, Machine Operation	Course Participation: 10% Homework Assignment: 30% Midterm Exam: 20% Quiz: 15% 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 Case Study Practical Operation (Experiment, Machine Operation	Quiz: 15% Midterm Exam: 20% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 25%	Total: 100	20
Acquire the capability of finding out, analyzing and solving complex interdisciplinary multimedia design problems	5	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	Lecturing Case Study Practical Operation (Experiment, Machine Operation	Quiz: 15% Midterm Exam: 20% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 25%	Total: 100	5
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: 20% Quiz: 15% Homework Assignment: 30% 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	Case Study Lecturing Practical Operation (Experiment, Machine Operation	Course Participation: 10% Homework Assignment: 30% Midterm Exam: 20% Quiz: 15% 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	10	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: 30% Midterm Exam: 20% Quiz: 15% Product Manufacturing: 25%	Total: 100	10
Acquire the capability of lifetime learning	5	Cultivate the capability of lifetime learning by different ways	Lecturing Case Study Practical Operation (Experiment, Machine Operation	Quiz: 15% Midterm Exam: 20% Homework Assignment: 30% 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	Quiz: 15% Midterm Exam: 20% Course Participation: 10% Homework Assignment: 30% Product Manufacturing: 25%	Total: 100	5

Grade Auditing

Homework Assignment: 30%

Product Manufacturing: 25%

Midterm Exam: 20%

Quiz: 15%

Course Participation: 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	網頁程式設計的16堂課：HTML5 CSS3 JavaScript jQuery AJAX Bootstrap Google Maps	施威銘研究室

Lesson Plan

Weeks	Content	Teaching Methods
1	尚未開學 & 智財權宣導(含告知學生應使用正版教科書)	Lecturing、 Practical Operation (Experiment, Machine Operation
2	HTML	Lecturing、 Practical Operation (Experiment, Machine Operation
3	HTML	Lecturing、 Practical Operation (Experiment, Machine Operation
4	HTML	Lecturing、 Practical Operation (Experiment, Machine Operation
5	CSS & 小考	、 Lecturing、 Practical Operation (Experiment, Machine Operation
6	CSS	Lecturing、 Practical Operation (Experiment, Machine Operation
7	CSS	Lecturing、 Practical Operation (Experiment, Machine Operation
8	CSS	Lecturing、 Practical Operation (Experiment, Machine Operation
9	CSS	Lecturing、 Practical Operation (Experiment, Machine Operation
10	期中考	、 Practical Operation (Experiment, Machine Operation

11	JavaScript	Lecturing、 Practical Operation (Experiment, Machine Operation
12	JavaScript	Lecturing、 Practical Operation (Experiment, Machine Operation
13	網頁特效的使用	Lecturing、 Practical Operation (Experiment, Machine Operation
14	網頁特效的使用	Lecturing、 Practical Operation (Experiment, Machine Operation
15	網頁特效的使用	Lecturing、 Practical Operation (Experiment, Machine Operation
16	期末專題實作	Practical Operation (Experiment, Machine Operation、 Student Presentation
17	期末專題實作	Practical Operation (Experiment, Machine Operation、 Student Presentation
18	期末報告	Student Presentation