

112-2 Full Curriculum of Da-Yeh University

Information			
Title	Applications of Internet	Serial No./ID	0473 /MDI3016
Required/Credit	Required /2	Time/Place	(Fri)78 /PX302
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 3		
Office Hour / Place	(Mon) 09:10~10:00, (Tue) 10:10~11:00, (Tue) 11:10~12:00, (Wed) 09:10~10:00 / H429		
Lecturer	、Cherng Jong Sheng		

Introduction

本課程主要介紹網際網路的基本概念，以及相關的應用服務，讓學生瞭解如何將網路科技應用於工作及日常生活。

Outline

- 1.電腦網路基本概念
- 2.網際網路基本概念
- 3.網路的連線方式
- 4.全球資訊網
- 5.網路資源大搜查
- 6.網際網路的應用
- 7.網路在生活上的應用
- 8.社群網站的應用
- 9.雲端的應用
- 10.電子商務
- 11.網路安全與法規

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 managing project, communicating each other, respecting different viewpoints and cooperating within the team



Acquire the capability of lifetime learning.



Acquire the capability of collecting, interpreting and analyzing global multimedia industry trends, and participating in multimedia practical design.

Acquire professional working ethics and society responsibility

Acquire the humanities and arts accomplishment, and the capability of creative thinking and innovative design.

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。	Practical Operation (Experiment, Machine Operation, Lecturing, Film Appreciation	Course Participation: 20% Homework Assignment: 40% Midterm Exam: 20% Product Manufacturing: 20%	Total: 100	20
Acquire the technologies, skills and the capability of using modern tools for practicing multimedia digital content design	25	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, Film Appreciation	Midterm Exam: 20% Homework Assignment: 40% Course Participation: 20% Product Manufacturing: 20%	Total: 100	25

Acquire the capability of integrating multimedia digital content knowledge and technologies	15	Cultivate the capability of integrating theoretical knowledge and practical technology。 Cultivate the capability of integrating visual communication, information technology and content management knowledge。	Practical Operation (Experiment, Machine Operation Lecturing Film Appreciation	Course Participation: 20% Homework Assignment: 40% Midterm Exam: 20% Product Manufacturing: 20%	Total: 100	15
Acquire the capability of finding out, analyzing and solving complex interdisciplinary multimedia design problems	10	Cultivate the capability of solving and practicing complex multimedia design systems。 Cultivate the capability of analyzing and organizing complex multimedia design problems。 Cultivate the capability of exploring complex multimedia design problems。	Lecturing Practical Operation (Experiment, Machine Operation Film Appreciation	Midterm Exam: 20% Homework Assignment: 40% Course Participation: 20% Product Manufacturing: 20%	Total: 100	10
Acquire the capability of lifetime learning 。	15	Cultivate the capability of lifetime learning by different ways。	Lecturing Practical Operation (Experiment, Machine Operation Film Appreciation	Midterm Exam: 20% Homework Assignment: 40% Product Manufacturing: 20% Course Participation: 20%	Total: 100	15
Acquire the capability of collecting, interpreting and analyzing global multimedia industry trends, and participating in multimedia practical design。	15	Cultivate working proficiency in career of multimedia digital content。 Cultivate the capability of great foresight and international view。 Cultivate the capability of understanding the effects of multimedia design to industries, societies, and worldwide。 Cultivate the capability of solving industry actual problem。 Cultivate the capability of realizing the global	Lecturing Practical Operation (Experiment, Machine Operation Film Appreciation	Midterm Exam: 20% Course Participation: 20% Homework Assignment: 40% Product Manufacturing: 20%	Total: 100	15

Grade Auditing

Homework Assignment: 40%

Product Manufacturing: 20%

Course Participation: 20%

Midterm Exam: 20%

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

Book Type	Book name	Author
Textbook	網際網路應用實務（第十三版）	全華研究室, 王麗琴

Lesson Plan

Weeks	Content	Teaching Methods
1	Basic concepts of computer network & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda	Lecturing、 Practical Operation (Experiment, Machine Operation
2	Wireless network and mobile communication	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
3	Principle of Internet	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
4	Network connection concept	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation 、 Film Appreciation
5	World Wide Web	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
6	Search on the internet	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
7	Web Applications	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation

8	Internet of things and big data	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
9	Midterm exam	midterm exam
10	Applications of AI (1)	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
11	Applications of AI (2)	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
12	Applications of AI (3)	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
13	Applications of AI (4)	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
14	Applications of AI (5)	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
15	Applications of AI (6)	Lecturing、 Practical Operation (Experiment, Machine Operation
16	Applications of AI (7)	Lecturing、 Practical Operation (Experiment, Machine Operation
17	Applications of AI (8)	Lecturing、 Practical Operation (Experiment, Machine Operation
18	Term Project	Practical Operation (Experiment, Machine Operation