

107-1 Full Curriculum of Da-Yeh University

Information			
Title	Introduction to Digital Media	Serial No./ID	0760 /MDI1022
Required/Credit	Required /2	Time/Place	(Mon)12 /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 2, Grade 1		
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

This course first introduces the development and application of digital media, and then introduces related software, such as PowerPoint for presentation, Camtasia for video editing, and iClone for instant 3D animation. Presentation techniques using PowerPoint will also be discussed in this course.

Outline

1. Introduction to Digital Media, its development and applications
2. PowerPoint - Software Usage and Presentation Skills
3. Camtasia - Video recording and editing
 1. iClone – Scenery / Props / People / Timeline / Camera switching
 2. iClone – Action editing / Light and Particular effects / Post-Production
 3. iClone – Smart props / Physical simulation / Path / Removing Backgrounds / Export
 4. iClone - Project

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	Practical Operation (Experiment, Machine Operation Lecturing Film Appreciation	Oral Report: 10% Product Manufacturing: 20% Course Participation: 10% Final Exam: 20% Homework Assignment: 20% Course Request Professional Certificates: 20%	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	Practical Operation (Experiment, Machine Operation Lecturing Film Appreciation	Oral Report: 10% Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 20% Final Exam: 20% Course Request Professional Certificates: 20%	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 Film Appreciation	Final Exam: 20% Homework Assignment: 20% Course Participation: 10% Product Manufacturing: 20% Oral Report: 10% Course Request Professional Certificates: 20%	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	Lecturing Practical Operation (Experiment, Machine Operation Film Appreciation	Final Exam: 20% Homework Assignment: 20% Course Participation: 10% Product Manufacturing: 20% Oral Report: 10% Course Request Professional Certificates: 20%	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 Film Appreciation	Homework Assignment: 20% Final Exam: 20% Course Participation: 10% Course Request Professional Certificates: 20% Oral Report: 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 Film Appreciation	Oral Report: 10% Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 20% Final Exam: 20% Course Request Professional Certificates: 20%	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 Film Appreciation	Oral Report: 10% Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 20% Final Exam: 20% Course Request Professional Certificates: 20%	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 Film Appreciation	Final Exam: 20% Homework Assignment: 20% Course Participation: 10% Product Manufacturing: 20% Oral Report: 10% Course Request Professional Certificates: 20%	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 Film Appreciation	Final Exam: 20% Homework Assignment: 20% Oral Report: 10% Product Manufacturing: 20% Course Participation: 10% Course Request Professional Certificates: 20%	Total: 100	5

Grade Auditing

Homework Assignment: 20%

Final Exam: 20%

Course Request Professional Certificates: 20%

Product Manufacturing: 20%

Course Participation: 10%

Oral Report: 10%

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

Book Type	Book name	Author
Textbook	iClone5.5動畫大師：讓你輕鬆學會製作專業級3D 動畫	劉為開、吳敬堯

Lesson Plan

Weeks	Content	Teaching Methods
1	null	Lecturing
2	null	Lecturing、 Practical Operation (Experiment, Machine Operation
3	null	Lecturing、 Practical Operation (Experiment, Machine Operation
4	null	Lecturing、 Practical Operation (Experiment, Machine Operation
5	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
6	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
7	null	Practical Operation (Experiment, Machine Operation
8	null	Lecturing、 Practical Operation (Experiment, Machine Operation
9	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation

10	null	Practical Operation (Experiment, Machine Operation
11	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
12	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
13	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
14	null	、 Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
15	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
16	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
17	null	、 Practical Operation (Experiment, Machine Operation
18	null	Practical Operation (Experiment, Machine Operation、 Film Appreciation