

108-1 Full Curriculum of Da-Yeh University

Information			
Title	Introduction to Digital Media	Serial No./ID	1902 / MDI1022
Required/Credit	Required /2	Time/Place	(Mon)56 / 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, (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



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	Film Appreciation Practical Operation (Experiment, Machine Operation Lecturing Student Presentation	Product Manufacturing: 20% Course Participation: 10% Final Exam: 20% Homework Assignment: 30% 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	Film Appreciation Practical Operation (Experiment, Machine Operation Lecturing Student Presentation	Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 30% 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 Student Presentation	Final Exam: 20% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 20% 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 Student Presentation	Final Exam: 20% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 20% 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 Student Presentation Film Appreciation	Homework Assignment: 30% Final Exam: 20% Course Participation: 10% Course Request Professional Certificates: 20% 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	Film Appreciation Practical Operation (Experiment, Machine Operation Lecturing Student Presentation	Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 30% 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	Film Appreciation Practical Operation (Experiment, Machine Operation Lecturing Student Presentation	Product Manufacturing: 20% Course Participation: 10% Homework Assignment: 30% 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 Student Presentation	Final Exam: 20% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 20% 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 Film Appreciation Practical Operation (Experiment, Machine Operation Student Presentation	Final Exam: 20% Homework Assignment: 30% Product Manufacturing: 20% Course Participation: 10% Course Request Professional Certificates: 20%	Total: 100	5

Grade Auditing

Homework Assignment: 30%

Course Request Professional Certificates: 20%

Final Exam: 20%

Product Manufacturing: 20%

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	Microsoft MOS PowerPoint 2016 原廠國際認證應考 劉文琇 指南	

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
6	null	Lecturing、 Practical Operation (Experiment, Machine Operation
7	null	Lecturing、 Practical Operation (Experiment, Machine Operation
8	null	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
9	null	、 Practical Operation (Experiment, Machine Operation
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	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
18	null	Practical Operation (Experiment, Machine Operation、 Film Appreciation、 Student Presentation