

# 113-2 Full Curriculum of Da-Yeh University

Information			
Title	Capstone Project (3)	Serial No./ID	1263 /MDI4095
Required/Credit	Required /2	Time/Place	(Sat)12 /P305-1
Language	Chinese	Grade Type	Number
Lecturer /Full- or Part-time	/Full-time	Graduate Class	Graduating Class
School System /Dept /Class, Grade	Bachelor /Bachelor Program for Multimedia Digital Content /Class 1, Grade 4		
Office Hour / Place	(Tue) 12:00~13:20, (Wed) 12:00~13:20, (Wed) 13:20~14:10, (Wed) 14:20~15:10, (Fri) 12:00~13:20 / PX301		
Lecturer	n.a.		

## Introduction

Introduction: Capstone Project-Based Learning Course

Objective: Students will be able to integrate knowledge and engage in self-directed learning through teamwork. They will enhance their problem-solving, data collection, practical application, teamwork, knowledge integration, and presentation skills throughout the process.

## Outline





Comprehensive Capstone Course: A project-based learning course designed to help students develop skills in communication, management, and creativity throughout the learning process. By engaging in project creation, students will enhance their problem-solving abilities. They will apply their professional knowledge and theories to set themes, gather data, perform practical exercises, conduct field visits, and surveys, ultimately achieving the predefined goals.

Course Objective: Students will be able to integrate knowledge and engage in self-directed learning through teamwork. They will enhance their problem-solving, data collection, practical application, teamwork, knowledge integration, and presentation skills throughout the process.

## Prerequisite

Capstone Project

## 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.

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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	10	Cultivate the capability of being familiar with multimedia digital content knowledge。 Cultivate the capability of realizing multimedia digital content theory。 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。	Group Discussion Lecturing Group Work Special Report	Assessment on Teamwork: 20% Product Manufacturing: 30% Final Exam: 40% Oral Report: 10%	Total: 100	10
Acquire the technologies, skills and the capability of using modern tools for practicing multimedia digital content design	10	Cultivate the capability of being possessed of and applying multimedia digital content professional design technologies and skills。 Cultivate the capability of implementing multimedia digital content system。 Cultivate the capability of using modern multimedia software and hardware tools。	Lecturing Special Report Group Discussion	Midterm Exam: 40% Product Manufacturing: 30% Oral Report: 10% Assessment on Teamwork: 20%	Total: 100	10

Acquire the capability of integrating multimedia digital content knowledge and technologies	10	Cultivate the capability of integrating theoretical knowledge and practical technology. Cultivate the capability of integrating visual communication, information technology and content management knowledge.	Group Discussion Lecturing Special Report	Final Exam: 40% Assessment on Teamwork: 20% Product Manufacturing: 30% Oral Report: 10%	Total: 100	10
Acquire the capability of finding out, analyzing and solving complex interdisciplinary multimedia design problems	20	Cultivate the capability of analyzing and organizing complex multimedia design problems. Cultivate the capability of exploring complex multimedia design problems. Cultivate the capability of solving and practicing complex multimedia design systems.	Group Discussion Lecturing Special Report	Assessment on Teamwork: 20% Product Manufacturing: 30% Final Exam: 40% Oral Report: 10%	Total: 100	20
Acquire the capability of managing project, communicating each other, respecting different viewpoints and cooperating within the team	20	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.	Group Discussion Lecturing Special Report	Assessment on Teamwork: 20% Product Manufacturing: 30% Final Exam: 40% Oral Report: 10%	Total: 100	20
Acquire the humanities and arts accomplishment, and the capability of creative thinking and innovative design 。	10	Cultivate the capability of creative thinking. Cultivate the humanities and arts accomplishment 。 Cultivate the capability of innovative design。	Group Discussion Lecturing Special Report	Assessment on Teamwork: 20% Product Manufacturing: 30% Final Exam: 40% Oral Report: 10%	Total: 100	10

Acquire the capability of lifetime learning。	10	Cultivate the capability of lifetime learning by different ways。	Lecturing Group Discussion Special Report	Final Exam: 40% Product Manufacturing: 30% Assessment on Teamwork: 20% Oral Report: 10%	Total: 100	10
Acquire the capability of collecting, interpreting and analyzing global multimedia industry trends, and participating in multimedia practical design。	10	Cultivate the capability of realizing the global industrial issues of multimedia digital content。 Cultivate the capability of understanding the effects of multimedia design to industries, societies, and worldwide。 Cultivate the capability of great foresight and international view。 Cultivate working proficiency in career of multimedia digital content。 Cultivate the capability of solving industry actual problem。	Lecturing Group Discussion Special Report	Final Exam: 40% Product Manufacturing: 30% Assessment on Teamwork: 20% Oral Report: 10%	Total: 100	10

### Grade Auditing

Final Exam: 36%

Product Manufacturing: 30%

Assessment on Teamwork: 20%

Oral Report: 10%

Midterm Exam: 4%

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

Book Type	Book name	Author
Instructor-compiled	無固定課程大綱。根據所指導專題需求，訂定各別所需之討論主題與執行內容。	自編教材

Material

## Lesson Plan

Weeks	Content	Teaching Methods
1	Review of group work progress and suggestions for correction & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda & Gender equality education promotion	Lecturing、 Group Discussion、 Group Work
2	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
3	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
4	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
5	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
6	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
7	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
8	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
9	Mid-term special report	Special Report
10	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
11	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
12	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
13	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
14	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work
15	Review of group work progress and suggestions for correction	Lecturing、 Group Discussion、 Group Work

16	Final special report	Special Report
17	Special topic production revision reflection and review & Flexible Teaching/Learning	Flexible Teaching - Independent Action, Flexible Teaching - Communication and Interaction
18	Special topic production revision reflection and review & Flexible Teaching/Learning	Flexible Teaching - Independent Action, Flexible Teaching - Communication and Interaction