

# 110-1 Full Curriculum of Da-Yeh University

| Information                       |                                                                                                                         |                |                  |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------|------------------|
| Title                             | Capstone Project (3)                                                                                                    | Serial No./ID  | 1600 / MDI4018   |
| Required/Credit                   | Required /2                                                                                                             | Time/Place     | (Sat)12 /PX302   |
| Language                          | Chinese                                                                                                                 | Grade Type     | Number           |
| Lecturer /Full- or Part-time      | Cherng Jong Sheng /Full-time                                                                                            | Graduate Class | Graduating Class |
| School System /Dept /Class, Grade | Bachelor /Bachelor Program for Multimedia Digital Content /Class 2, Grade 4                                             |                |                  |
| Office Hour / Place               | (Tue) 10:10~11:00, (Tue) 11:10~12:00, (Tue) 13:20~14:10, (Tue) 14:20~15:10, (Tue) 15:20~16:10, (Tue) 16:20~17:10 / H318 |                |                  |
| Lecturer                          | n.a.                                                                                                                    |                |                  |

## Introduction

此課程為學生製作畢業專題之主要執行課程，學生需以3至5名同儕一組完成畢業專題製作，並自行尋找專題指導老師。此課程無固定上課時段及教室，但學生需定時與指導老師討論製作內容，並報告專題執行進度與所遭遇之問題及可能解決方案，以利未來畢業專題之完成。

## Outline

無固定課程大綱。各教師可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。

## Prerequisite

基本上，此課程沒有特別規定需先修何種課程，但各教師需根據所指導學生欲執行之專題內容，要求學生需具備相關基本能力與技能，以利專題之完成。

## 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



## Teaching Plan

| Core Capability                                                                                                            | Weight(%)<br>【A】 | Ability<br>index(Performance<br>Indicators)                                                                                                                                                                                                                                                                                                                                                                                                                                              | Teaching<br>Methods                                                                                                            | Assessment and<br>Weight                                                                                                   | Core<br>Competency Learning<br>Outcomes<br>【B】 | Final<br>Exam<br>Grades<br>【C=B*A<br>】 |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------|
| Acquire professional knowledge of multimedia digital content design                                                        | 15               | 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。 | Group Work<br>Practical<br>Operation<br>(Experiment,<br>Machine<br>Operation<br>Group<br>Discussion<br>Student<br>Presentation | Product<br>Manufacturing:<br>60%<br>Course<br>Participation: 10%<br>Group Report:<br>15%<br>Assessment on<br>Teamwork: 15% | Total: 100                                     | 15                                     |
| 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。                                                                                                                                                                                           | Group Work<br>Practical<br>Operation<br>(Experiment,<br>Machine<br>Operation<br>Group<br>Discussion<br>Student<br>Presentation | Product<br>Manufacturing:<br>60%<br>Course<br>Participation: 10%<br>Group Report:<br>15%<br>Assessment on<br>Teamwork: 15% | Total: 100                                     | 20                                     |

|                                                                                                                                       |    |                                                                                                                                                                                                                                                                |                                                                                                                 |                                                                                                             |            |    |
|---------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------|----|
| Acquire the capability of integrating multimedia digital content knowledge and technologies                                           | 10 | Cultivate the capability of integrating theoretical knowledge and practical technology.<br>Cultivate the capability of integrating visual communication, information technology and content management knowledge.                                              | Group Discussion<br>Practical Operation<br>(Experiment, Machine Operation<br>Group Work<br>Student Presentation | Group Report: 15%<br>Course Participation: 10%<br>Product Manufacturing: 60%<br>Assessment on Teamwork: 15% | Total: 100 | 10 |
| Acquire the capability of finding out, analyzing and solving complex interdisciplinary multimedia design problems                     | 10 | Cultivate the capability of exploring complex multimedia design problems.<br>Cultivate the capability of analyzing and organizing complex multimedia design problems.<br>Cultivate the capability of solving and practicing complex multimedia design systems. | Group Discussion<br>Practical Operation<br>(Experiment, Machine Operation<br>Group Work<br>Student Presentation | Group Report: 15%<br>Course Participation: 10%<br>Product Manufacturing: 60%<br>Assessment on Teamwork: 15% | Total: 100 | 10 |
| Acquire the capability of managing project, communicating each other, respecting different viewpoints and cooperating within the team | 15 | Cultivate the capability of project planning, execution and management.<br>Cultivate the capability of respecting different viewpoints.<br>Cultivate the capability of communication, coordination, and team cooperation.                                      | Group Discussion<br>Practical Operation<br>(Experiment, Machine Operation<br>Student Presentation<br>Group Work | Group Report: 15%<br>Course Participation: 10%<br>Assessment on Teamwork: 15%<br>Product Manufacturing: 60% | Total: 100 | 15 |
| Acquire professional working ethics and society responsibility                                                                        | 5  | Cultivate the accomplishment of being possessed of well human relationship and career ethics.<br>Cultivate the accomplishment of being possessed of society responsibility in professional field.                                                              | Group Work<br>Practical Operation<br>(Experiment, Machine Operation<br>Group Discussion<br>Student Presentation | Product Manufacturing: 60%<br>Course Participation: 10%<br>Group Report: 15%<br>Assessment on Teamwork: 15% | Total: 100 | 5  |

|                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                 |                                                                                                             |            |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------|----|
| Acquire the humanities and arts accomplishment, and the capability of creative thinking and innovative design。                                        | 15 | Cultivate the humanities and arts accomplishment。<br>Cultivate the capability of creative thinking。<br>Cultivate the capability of innovative design。                                                                                                                                                                                                                                                                                     | Group Work<br>Practical Operation<br>(Experiment, Machine Operation<br>Group Discussion<br>Student Presentation | Product Manufacturing: 60%<br>Course Participation: 10%<br>Group Report: 15%<br>Assessment on Teamwork: 15% | Total: 100 | 15 |
| Acquire the capability of lifetime learning。                                                                                                          | 5  | Cultivate the capability of lifetime learning by different ways。                                                                                                                                                                                                                                                                                                                                                                          | Group Discussion<br>Practical Operation<br>(Experiment, Machine Operation<br>Group Work<br>Student Presentation | Group Report: 15%<br>Course Participation: 10%<br>Product Manufacturing: 60%<br>Assessment on Teamwork: 15% | Total: 100 | 5  |
| Acquire the capability of collecting, interpreting and analyzing global multimedia industry trends, and participating in multimedia practical design。 | 5  | Cultivate the capability of realizing the global industrial issues of multimedia digital content。<br>Cultivate the capability of understanding the effects of multimedia design to industries, societies, and worldwide。<br>Cultivate working proficiency in career of multimedia digital content。<br>Cultivate the capability of great foresight and international view。<br>Cultivate the capability of solving industry actual problem。 | Group Discussion<br>Group Work<br>Practical Operation<br>(Experiment, Machine Operation<br>Student Presentation | Group Report: 15%<br>Product Manufacturing: 60%<br>Course Participation: 10%<br>Assessment on Teamwork: 15% | Total: 100 | 5  |

## Grade Auditing

Product Manufacturing: 60%

Assessment on Teamwork: 15%

Group Report: 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 | 略         | 略      |

## Lesson Plan

| Weeks | Content                                                                                                       | Teaching Methods                                                                 |
|-------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 1     | project making & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda | Group Discussion、 Practical Operation (Experiment, Machine Operation、 Group Work |
| 2     | project making                                                                                                | Group Discussion、 Practical Operation (Experiment, Machine Operation、 Group Work |
| 3     | project making                                                                                                | Group Discussion、 Practical Operation (Experiment, Machine Operation、 Group Work |
| 4     | project making                                                                                                | Group Discussion、 Practical Operation (Experiment, Machine Operation、 Group Work |
| 5     | project making                                                                                                | Group Discussion、 Practical Operation (Experiment, Machine Operation、 Group Work |
| 6     | project making                                                                                                | Group Discussion、 Practical Operation (Experiment, Machine Operation、 Group Work |
| 7     | project making                                                                                                | Group Discussion、 Practical Operation (Experiment, Machine Operation、 Group Work |

|    |                               |                                                                                     |
|----|-------------------------------|-------------------------------------------------------------------------------------|
| 8  | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 9  | Midterm Report                | Student Presentation                                                                |
| 10 | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 11 | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 12 | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 13 | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 14 | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 15 | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 16 | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 17 | project making                | Group Discussion、 Practical Operation<br>(Experiment, Machine Operation、 Group Work |
| 18 | Final report and results show | Student Presentation                                                                |