

107-2 Full Curriculum of Da-Yeh University

Information			
Title	Base Modeling	Serial No./ID	0748 / MDI2021
Required/Credit	Optinal /2	Time/Place	(Fri)78 / H718
Language	Chinese	Grade Type	Number
Lecturer /Full- or Part-time	江家慶 /Full-time	Graduate Class	Non-graduating Class
School System /Dept /Class, Grade	Bachelor /Bachelor Program for Multimedia Digital Content /Class 2, Grade 2		
Office Hour / Place	(Wed) 12:00~13:20, (Thu) 12:00~13:20, (Fri) 12:00~13:20 / Px-301		
Lecturer	n.a.		

Introduction
本課程以初階模型模型設計與製作為主要目標，藉由目前市場所流行的簡單式造型，從三視圖設計後，加以實作化。

Outline
1:可愛造型三視圖設計。 2:模型製作流程與工具材料介紹。 3:美國朔型土的認識。 4:骨架與朔型實作。

Prerequisite
美術基本繪圖能力。

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

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 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 Film Appreciation	Homework Assignment: 20% Course Participation: 20% Product Manufacturing: 40% Assessment on Teamwork: 20%	Total: 100	10
Acquire the capability of creative thinking and innovational design	20	Cultivate the capability of creative thinking Cultivate the capability of innovational design	Practical Operation (Experiment, Machine Operation Film Appreciation	Homework Assignment: 20% Course Participation: 20% Product Manufacturing: 40% Assessment on Teamwork: 20%	Total: 100	20
Realize the industrial issues and understand the effects of multimedia design to industries, social ecology and economy, and worldwide	20	Cultivate the capability of realizing the 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 solving industry actual problem Cultivate working proficiency in career of multimedia digital content Cultivate the capability of great foresight and international view	Group Work Film Appreciation	Homework Assignment: 20% Course Participation: 20% Assessment on Teamwork: 20% Product Manufacturing: 40%	Total: 100	20

Acquire the capability of lifetime learning	30	Cultivate the capability of lifetime learning by different ways	Practical Operation (Experiment, Machine Operation	Homework Assignment: 20% Course Participation: 20% Product Manufacturing: 40% Assessment on Teamwork: 20%	Total: 100	30
Acquire professional working ethics and society responsibility	20	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 Group Work Film Appreciation	Homework Assignment: 20% Product Manufacturing: 40% Course Participation: 20% Assessment on Teamwork: 20%	Total: 100	20

Grade Auditing

Product Manufacturing: 40%
Assessment on Teamwork: 20%
Course Participation: 20%
Homework Assignment: 20%

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

Book Type	Book name	Author
Textbook	公仔製作圖解	怡娃娃

Lesson Plan

Weeks	Content	Teaching Methods
1	Materials to explain the tools to students to select the model used for copying & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda	Lecturing、Film Appreciation

2	Prepare a copy of the model for students to copy and group design	Practical Operation (Experiment, Machine Operation、 Group Work
3	According to each group selected copy model to convert the ratio and the skeleton. Production basic prototype	Lecturing、 Practical Operation (Experiment, Machine Operation、 Group Work
4	Production of basic embryonic	Lecturing、 Practical Operation (Experiment, Machine Operation
5	Production of basic embryonic	Lecturing、 Practical Operation (Experiment, Machine Operation
6	Facial texture production	Lecturing、 Practical Operation (Experiment, Machine Operation
7	Facial texture production	Lecturing、 Practical Operation (Experiment, Machine Operation
8	Facial texture production. Mid-term progress	Lecturing、 Practical Operation (Experiment, Machine Operation
9	Body texture production	Lecturing、 Practical Operation (Experiment, Machine Operation
10	Body texture production	Lecturing、 Practical Operation (Experiment, Machine Operation
11	Body texture production	Lecturing、 Practical Operation (Experiment, Machine Operation
12	Clothing accessories modeling production	Lecturing、 Practical Operation (Experiment, Machine Operation
13	Clothing accessories modeling production	Lecturing、 Practical Operation (Experiment, Machine Operation
14	Clothing accessories modeling production	Lecturing、 Practical Operation (Experiment, Machine Operation
15	On the repair and the primer on the steps	Lecturing、 Practical Operation (Experiment, Machine Operation、 Film Appreciation
16	Mold repair and the primer	Practical Operation (Experiment, Machine Operation
17	Mold repair and the primer	Practical Operation (Experiment, Machine Operation
18	Completion of the work	Lecturing