108-2 Full Curriculum of Da-Yeh University

Information			
Title	Base Modeling	Serial No./ID	0700 /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 1, Grade 2		
Office Hour / Place	(Tue) 12:00~13:20, (Wed) 12:00~13:20, (Thu) 12:00~13:20, (Fri) 12:00~13:20 / H718		
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 technologies, skills and the capability of using modern tools for practicing multimedia digital content design	30	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	Course Participation: 30% Homework Assignment: 30% Product Manufacturing: 30% Record on Experiment: 10%	Total: 100	30
Acquire the capability of integrating multimedia digital content knowledge and technologies	30	Cultivate the capability of integrating theoretical knowledge and practical technology Cultivate the capability of integrating visual communication, information technology and content management knowledge	Practical Operation (Experiment, Machine Operation	Course Participation: 30% Homework Assignment: 30% Product Manufacturing: 40%	Total: 100	30
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	Practical Operation (Experiment, Machine Operation	Homework Assignment: 30% Course Participation: 30% Product Manufacturing: 40%	Total: 100	10

Acquire the capability of lifetime learning	30	Cultivate the capability of lifetime learning by different ways	Practical Operation (Experiment, Machine Operation	Homework Assignment: 30% Course Participation: 30% Product Manufacturing: 40%	Total: 100	30

Grade Auditing

Product Manufacturing: 37%
Homework Assignment: 30%
Course Participation: 30%
Record on Experiment: 3%

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