

113-2 Full Curriculum of Da-Yeh University

Information			
Title	3D Animation Production	Serial No./ID	1321 /DED2021
Required/Credit	Optinal /2	Time/Place	(Wed)56 / H615
Language	Chinese	Grade Type	Number
Lecturer /Full- or Part-time	tuffkid wu /Full-time	Graduate Class	Non-graduating Class
School System /Dept /Class, Grade	Bachelor /Department of Design /Class 1, Grade 2		
Office Hour / Place	(Mon) 12:00~13:20, (Tue) 12:00~13:20, (Tue) 13:20~14:10, (Wed) 12:00~13:20, (Thu) 12:00~13:20 / Px301		
Lecturer	n.a.		

Introduction
本課程主要在協助學生了解MAYA電腦動畫概念及設計理念。其具體課程目標如下: 1.讓學生了解目前電腦動畫發展 2.培養學生具備電腦動畫之設計理念 3.使學生具備設計基礎電腦動畫之實務能力

Outline
1.MAYA電腦動畫介紹 2.MAYA電腦動畫設計實作

Prerequisite
無

The Relationship Between Courses and Departmental Core Competencies and Basic Skills
 Professional Knowledge and Ability  User-Oriented Innovation  Professional Ethics and Social Responsibility  Teamwork and Project Management  Trend Mastering and Problem-Solving Skills  Aesthetic Knowledge and Cultivation  Integration of Cross-disciplinary Innovation and Creative Expression

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 】
Aesthetic Knowledge and Cultivation	20	To possess knowledge of aesthetic rules/principles regarding form, color, and textures	Lecturing Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 30%	Total: 100	20
Professional Knowledge and Ability	20	To have good understanding about the new technologies. To possess fundamental knowledge regarding manufacturing, such as material, forming, machining, assembly, surface treatment etc. To possess fundamental knowledge regarding ergonomics human factor, perceptual psychology, interface design, etc.	Lecturing Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Product Manufacturing: 30% Course Participation: 10%	Total: 100	20
Integration of Cross-disciplinary Innovation and Creative Expression	10	To possess capability in presenting design concepts by sketching, rendering, computer graphics (2D & 3D), animation, model making, photography, presentation panels, etc. To possess capability in intra-discipline integration and innovation. To understand the design process and methodologies. To make logical and critical analysis. To possess good	Lecturing Practical Operation (Experiment, Machine Operation	Final Exam: 30% Course Participation: 10% Homework Assignment: 30% Product Manufacturing: 30%	Total: 100	10

User-Oriented Innovation	10	To understand life style of customers and their cultures. To understand customers' need and their behaviors. To understand user-oriented innovational thinking and capability.	Lecturing Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Product Manufacturing: 30% Course Participation: 10%	Total: 100	10
Teamwork and Project Management	10	To possess good communication ability and skills. To have good understanding of project operation and personal role in the project. To be able and be willing to work with other members as a team.	Lecturing Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 30%	Total: 100	10
Professional Ethics and Social Responsibility	10	To possess attributes of professional ethics and social responsibility.	Lecturing Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Product Manufacturing: 30% Course Participation: 10%	Total: 100	10
Trend Mastering and Problem-Solving Skills	20	To have good understanding of current social issues, trend, and how design influences the society. To possess the ability and habit for continual learning.	Lecturing Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 30%	Total: 100	20

Grade Auditing

Homework Assignment: 30%

Final Exam: 30%

Product Manufacturing: 30%

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
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Instructor-compiled 自編教材 本人

Lesson Plan

Weeks	Content	Teaching Methods
1	智慧財產權宣導 & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda & Gender equality education promotion	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
2	little minion1	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
3	little minion2	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
4	little minion3	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
5	little minion4	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
6	little minion5	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
7	little minion6	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
8	Interim published1	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
9	Interim published2	Lecturing、 Group Discussion、 Case Study
10	character human design1	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
11	character human design2	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
12	character human design3	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
13	character human design4	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
14	character human design5	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation

15	character human design6	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
16	character human design7	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
17	Final presentation and review 01 & Flexible Teaching/Learning	Flexible Teaching - Independent Action
18	Final presentation and review 02 & Flexible Teaching/Learning	Flexible Teaching - Independent Action