

107-2 Full Curriculum of Da-Yeh University

Information			
Title	Computer Animation (2)	Serial No./ID	0740 /MDI2012
Required/Credit	Required /3	Time/Place	(Thu)5678 /PX304
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 / Bachelor Program for Multimedia Digital Content /Class 1, Grade 2		
Office Hour / Place	(Mon) 12:00~13:20, (Mon) 16:20~17:10, (Tue) 12:00~13:20, (Tue) 13:20~14:10, (Tue) 14:20~15:10, (Tue) 15:20~16:10, (Wed) 12:00~13:20, (Wed) 13:20~14:10, (Wed) 14:20~15:10, (Wed) 15:20~16:10, (Wed) 16:20~17:10, (Thu) 12:00~13:20 / PX301		
Lecturer	n.a.		

Introduction
This course is to help students understand the concepts and MAYA computer animation design. The specific course objectives are as follows: 1 to enable students to understand the current development of computer animation 2 students with computer animation design 3 equip students with the practical ability to design computer-based animation

Outline
1.Advanced MAYA computer animations 2.Advanced MAYA computer animation design, implementation

Prerequisite
computer animation(1)

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

Acquire professional working ethics and society responsibility



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	30	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	Lecturing Case Study Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 30%	Total: 100	30
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 implementing multimedia digital content system Cultivate the capability of using modern multimedia software and hardware tools	Lecturing Case Study Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Product Manufacturing: 30% Course Participation: 10%	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 Cultivate the capability of integrating visual communication, information technology and content management knowledge	Lecturing Case Study Practical Operation (Experiment, Machine Operation	Final Exam: 30% Course Participation: 10% Homework Assignment: 30% Product Manufacturing: 30%	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 Cultivate the capability of solving and practicing complex multimedia design systems Cultivate the capability of analyzing and organizing complex multimedia design problems	Lecturing Case Study Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Product Manufacturing: 30% Course Participation: 10%	Total: 100	10
Acquire the capability of creative thinking and innovational design	10	Cultivate the capability of creative thinking Cultivate the capability of innovational design	Lecturing Case Study Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 30%	Total: 100	10
Realize the industrial issues and understand the effects of multimedia design to industries, social ecology and economy, and worldwide	10	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 great foresight and international view Cultivate the capability of solving industry actual problem Cultivate working proficiency in career of multimedia digital	Lecturing Group Discussion Practical Operation (Experiment, Machine Operation	Final Exam: 30% Homework Assignment: 30% Product Manufacturing: 30% Course Participation: 10%	Total: 100	10

Acquire the capability of lifetime learning	10	Cultivate the capability of lifetime learning by different ways	Lecturing Case Study Practical Operation (Experiment, Machine Operation)	Final Exam: 30% Homework Assignment: 30% Course Participation: 10% Product Manufacturing: 30%	Total: 100	10
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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
Instructor-compiled	自編教材	本人

Lesson Plan

Weeks	Content	Teaching Methods
1	智慧財產權宣導 & 智財權宣導(含告知學生應使用正版教科書) & 交通安全宣導 & Traffic safety Propaganda safety Propaganda	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	Closing published1	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
18	Closing published2	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation