

113-2 Full Curriculum of Da-Yeh University

Information			
Title	Advanced Game Art Design	Serial No./ID	0382 /MDI3037
Required/Credit	Optimal /2	Time/Place	(Thu)34 /PX302
Language	Chinese	Grade Type	Number
Lecturer /Full- or Part-time	黃懷德 /Full-time	Graduate Class	Non-graduating Class
School System /Dept /Class, Grade	Bachelor /Bachelor Program for Multimedia Digital Content /Class 2, Grade 3		
Office Hour / Place	(Mon) 12:00~13:20, (Wed) 12:00~13:20, (Thu) 12:00~13:20 / PX301		
Lecturer	、		

Introduction
課程以高階的美術訴求及標準要求，將業界需求的動畫或遊戲美術設計需求，導入個人技術上、概念上的成長。及藉由團隊默契訓練互助下，培訓出專精的美術人才。

Outline
團隊專案摹擬 遊戲計畫撰寫提報 介面進階設計 角色進階設計 場景進階設計 透視進階設計 構圖進階設計

Prerequisite
需具備基本骨架、色感、光影、透視、構圖等美術基本要件。 本課程需熟悉PHOTOSHOP or PAINTER or SAI...等其一繪圖軟體。 並具備基本手繪、電繪能力。

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 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 design.



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	20	Cultivate the capability of using modern multimedia software and hardware tools. 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.	Lecturing Group Discussion Practical Operation (Experiment, Machine Operation Talk/Speech	Group Report: 30% Final Exam: 30% Course Participation: 30% Experiment Operation: 10%	Total: 100	20
Acquire the capability of integrating multimedia digital content knowledge and technologies	20	Cultivate the capability of integrating theoretical knowledge and practical technology. Cultivate the capability of integrating visual communication, information technology and content management knowledge.	Lecturing Group Discussion Practical Operation (Experiment, Machine Operation Talk/Speech	Group Report: 30% Final Exam: 30% Course Participation: 30% Experiment Operation: 10%	Total: 100	20
Acquire the capability of finding out, analyzing and solving complex interdisciplinary multimedia design problems	20	Cultivate the capability of analyzing and organizing complex multimedia design problems. Cultivate the capability of exploring complex multimedia design problems. Cultivate the capability of solving and practicing complex multimedia design systems.	Lecturing Group Discussion Talk/Speech Practical Operation (Experiment, Machine Operation	Group Report: 30% Final Exam: 30% Experiment Operation: 10% Course Participation: 30%	Total: 100	20

Acquire the capability of managing project, communicating each other, respecting different viewpoints and cooperating within the team	20	Cultivate the capability of project planning, execution and management. Cultivate the capability of communication, coordination, and team cooperation. Cultivate the capability of respecting different viewpoints.	Lecturing Group Discussion Practical Operation (Experiment, Machine Operation Talk/Speech	Group Report: 30% Final Exam: 30% Course Participation: 30% Experiment Operation: 10%	Total: 100	20
Acquire the capability of collecting, interpreting and analyzing global multimedia industry trends, and participating in multimedia practical design.	20	Cultivate the capability of realizing the global 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 working proficiency in career of multimedia digital content. Cultivate the capability of solving industry actual problem.	Lecturing Practical Operation (Experiment, Machine Operation Group Discussion Talk/Speech	Group Report: 30% Course Participation: 30% Final Exam: 30% Experiment Operation: 10%	Total: 100	20

Grade Auditing

Final Exam: 30%

Course Participation: 30%

Group Report: 30%

Experiment Operation: 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	業界實作遊戲美術設計	黃懷德
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Lesson Plan

Weeks	Content	Teaching Methods
1	Course Introduction & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda & Gender equality education promotion	Lecturing、 Practical Operation (Experiment, Machine Operation
2	Art design group and homework	Lecturing、 Practical Operation (Experiment, Machine Operation
3	Looking at work planning from industry needs	Lecturing、 Practical Operation (Experiment, Machine Operation
4	Discussion on problems experienced by the industry 1	Lecturing、 Practical Operation (Experiment, Machine Operation
5	Discussion on Game Art Process	Lecturing、 Practical Operation (Experiment, Machine Operation
6	Discussion on problems experienced by the industry 2	Lecturing、 Practical Operation (Experiment, Machine Operation
7	Industry communication and cooperation experience sharing	Lecturing、 Practical Operation (Experiment, Machine Operation
8	Industry communication and cooperation experience sharing	Lecturing、 Practical Operation (Experiment, Machine Operation
9	Midterm Exam(30%)	Lecturing、 Practical Operation (Experiment, Machine Operation
10	Midterm Exam(30%)	Lecturing、 Practical Operation (Experiment, Machine Operation
11	Draft creation and revision of the first stage of each group	Lecturing、 Practical Operation (Experiment, Machine Operation
12	Draft creation and revision of the first stage of each group	Lecturing、 Practical Operation (Experiment, Machine Operation
13	Color creation correction in the second stage of each group	Lecturing、 Practical Operation (Experiment, Machine Operation

14	Color creation correction in the second stage of each group	Lecturing、 Practical Operation (Experiment, Machine Operation
15	The third stage fine creation of each group	Lecturing、 Practical Operation (Experiment, Machine Operation
16	The third stage fine creation of each group	Lecturing、 Practical Operation (Experiment, Machine Operation
17	Final Assignment Discussion & Flexible Teaching/Learning	Flexible Teaching - Communication and Interaction
18	Final Assignments & Flexible Teaching/Learning	Flexible Teaching - Communication and Interaction