

111-2 Full Curriculum of Da-Yeh University

Information			
Title	Virtual Reality Design	Serial No./ID	2102 / DAR5133
Required/Credit	Optinal /3	Time/Place	(Wed)ABC /PX302
Language	Chinese	Grade Type	Number
Lecturer /Full- or Part-time	Cherng Jong Sheng /Full-time	Graduate Class	Non-graduating Class
School System /Dept /Class, Grade	Master /Graduate Program of Design and Arts Colloge /Class 1, Grade 1		
Office Hour / Place	(Tue) 10:10~11:00, (Tue) 11:10~12:00, (Tue) 13:20~14:10, (Tue) 14:20~15:10, (Tue) 15:20~16:10, (Tue) 16:20~17:10 / H318		
Lecturer	n.a.		

Introduction
Learn and study virtual reality design, and with HTC VIVE complete virtual reality design

Outline
1.VR Experience 2. Research and VR proposal 3.VR art production 4.VR program production 5. Complete VR production

Prerequisite
unity with the relevant 3D software foundation

The Relationship Between Courses and Departmental Core Competencies and Basic Skills

-  創新人文思維論述及務實社會關懷實做能力
-  跨域設計開發與專業連結整合能力
-  國際移動學習與跨境創作實踐能力
-  多元性設計藝術拓展與新世代科技運用能力

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 】
多元性設計藝術 拓展與新世代科 技運用能力	25	專業藝術理論的貫徹能力 發掘並定義設計議題之能力 具備建立解決設計議題程序的能力 專業藝術創作的執行能力 跨領域整合專業知識， 創新研發能力 具備邏輯思辨的能力 使用者導向設計問題解決能力 跨領域整合專業知識， 創新研發能力 具備以各種表現法工具(2D,3D)呈現設計構想的能力	Group Discussion Lecturing Practical Operation (Experiment, Machine Operation	Written Report: 20% Product Manufacturing: 30% Course Participation: 20% Experiment Operation: 30%	Total: 100	25
創新人文思維論 述及務實社會關 懷實做能力	25		Group Discussion Lecturing Practical Operation (Experiment, Machine Operation	Written Report: 20% Product Manufacturing: 30% Course Participation: 20% Experiment Operation: 30%	Total: 100	25
跨域設計開發與 專業連結整合能 力	25		Lecturing Group Discussion Practical Operation (Experiment, Machine Operation	Course Participation: 20% Product Manufacturing: 30% Written Report: 20% Experiment Operation: 30%	Total: 100	25

國際移動學習與 跨境創作實踐能力	25	Lecturing Group Discussion Practical Operation (Experiment, Machine Operation	Course Participation: 20% Product Manufacturing: 30% Written Report: 20% Experiment Operation: 30%	Total: 100	25
---------------------	----	--	--	------------	----

Grade Auditing

Experiment Operation: 30%

Product Manufacturing: 30%

Written Report: 20%

Course Participation: 20%

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

Book Type	Book name	Author
-----------	-----------	--------

Instructor-compiled

略

略

Lesson Plan

Weeks	Content	Teaching Methods
1	VR experience & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda	Lecturing、 Practical Operation (Experiment, Machine Operation
2	VR experience	Lecturing、 Practical Operation (Experiment, Machine Operation
3	VR proposal	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
4	VR proposal	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
5	VR proposal	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
6	VR art design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
7	VR art design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation

8	VR art design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
9	minterm	Group Discussion、 Practical Operation (Experiment, Machine Operation
10	VR programming design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
11	VR programming design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
12	VR programming design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
13	VR programming design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
14	VR programming design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
15	VR system design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
16	VR system design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
17	VR system design	Lecturing、 Group Discussion、 Practical Operation (Experiment, Machine Operation
18	Final report and results show	Practical Operation (Experiment, Machine Operation