





113-1 Full Curriculum of Da-Yeh University

Information			
Title	Thesis Researching Methodology	Serial No./ID	1510 /DAR5145
Required/Credit	Required /3	Time/Place	(Tue)234 /G108
Language	Chinese/English	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	(Wed) 10:10~11:00, (Wed) 11:10~12:00, (Wed) 13:20~14:10, (Wed) 14:20~15:10, (Wed) 15:20~16:10, (Wed) 16:20~17:10 / H318		
Lecturer	、 Bih Chuan Lin		

Introduction
This course introduces fundamental and practical research methods applicable to design studies. The first part of the course will cover the basics of research methodology, while the second part will delve into various methods and how they can be applied to design research.

Outline
The main goal of this course is to familiarize graduate students with the concepts of both quantitative and qualitative research methods in design. Students will learn how to formulate questions, conduct research and analysis, integrate literature, collect data, accurately analyze and define problems, develop sound research designs, and propose research plans. Additionally, the course will cover data collection, data analysis and presentation, and report writing.

Prerequisite
none

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	30	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	Case Study Lecturing Student Presentation	Oral Report: 30% Course Participation: 20% Class Discussion: 20% Written Report: 30%	Total: 100	30
創新人文思維論 述及務實社會關 懷實做能力	30		Case Study Lecturing Student Presentation	Oral Report: 30% Course Participation: 20% Class Discussion: 20% Written Report: 30%	Total: 100	30
跨域設計開發與 專業連結整合能 力	10		Lecturing Case Study Student Presentation	Class Discussion: 20% Course Participation: 20% Oral Report: 30% Written Report: 30%	Total: 100	10

國際移動學習與 跨境創作實踐能 力	30	Lecturing Case Study Student Presentation	Class Discussion: 20% Course Participation: 20% Oral Report: 30% Written Report: 30%	Total: 100	30
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Grade Auditing

Oral Report: 30%
Written Report: 30%
Class Discussion: 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
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Reference Books 無固定書名 略

Lesson Plan

Weeks	Content	Teaching Methods
1	Course Introduction and Overview of Research Methods & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda & Gender equality education promotion	Lecturing、Case Study
2	Literature Search and Database Utilization	Lecturing、Case Study、Student Presentation
3	Academic Writing and Citation Styles	Lecturing、Case Study、Student Presentation
4	Critical Reading and Analytical Techniques	Lecturing、Case Study、Student Presentation
5	Topic Selection and Formulation of Research Questions	Lecturing、Case Study、Student Presentation
6	Structure and Writing of Literature Reviews	Lecturing、Case Study、Student Presentation
7	Application of Qualitative and Quantitative Research	Lecturing、Case Study、Student Presentation

8	Classification and Management of Literature Data	Lecturing、 Case Study、 Student Presentation
9	Midterm Report	Student Presentation
10	Data Analysis Tools and Techniques	Lecturing、 Case Study、 Student Presentation
11	Research Design and Methodology	Lecturing、 Case Study、 Student Presentation
12	Integration of Interdisciplinary Literature	Lecturing、 Case Study、 Student Presentation
13	Visualization of Literature Reviews	Lecturing、 Case Study、 Student Presentation
14	Presentation of Research Findings and Reporting Skills	Lecturing、 Case Study、 Student Presentation
15	Final Report: Presentation of Final Literature Review	Lecturing、 Case Study、 Student Presentation
16	Final Report: Presentation of Final Literature Review	Lecturing、 Case Study、 Student Presentation
17	Final Report: Presentation of Final Literature Review & Flexible Teaching/Learning	Flexible Teaching - Independent Action、 Flexible Teaching - Communication and Interaction
18	Final Report: Presentation of Final Literature Review & Flexible Teaching/Learning	Flexible Teaching - Independent Action、 Flexible Teaching - Communication and Interaction