

112-2 Full Curriculum of Da-Yeh University

Information			
Title	Stone Carving Art	Serial No./ID	0369 /PDD2124
Required/Credit	Optinal /2	Time/Place	(Fri)34 /G119
Language	Chinese	Grade Type	Number
Lecturer /Full- or Part-time	Hsiu-Ling , Liao /Full-time	Graduate Class	Non-graduating Class
School System /Dept /Class, Grade	Bachelor /Department of Plastic Arts /Class 1, Grade 2		
Office Hour / Place	(Tue) 12:00~13:20, (Fri) 12:00~13:20 / G109		
Lecturer	n.a.		

Introduction

- 1.將繪畫性語彙帶入屬於3D的量體材質。
- 2.素描能力的應用與考核。
- 3.開闢石材創作的平面可行性。
- 4.掌握石材的研磨程序及認識其溫潤質感。

Outline

- 1.介紹噴砂的可變元素。
- 2.認識噴砂機具。
- 3.試片。
- 4.圖稿製作流程。
- 5.色階分層的製作。
- 6.噴砂實務操作。
- 7.噴砂應用的介紹。

Prerequisite

學生必備立體素描的基本能力,
並且修習色彩學,擁有分辨黑白色階之經驗。

The Relationship Between Courses and Departmental Core Competencies and Basic Skills

-  1.ability to apply professional arts/design knowledge
-  2.ability to apply techniques, skills, and modern tools necessary for arts/design practice
-  3.ability to integrate arts/design theories and techniques
- 4.ability to identify, analyze, and respond to complex arts/design problems
- 5.ability to manage projects, communicate effectively, respect for diversity, and function on interdisciplinary teams
- 6.knowledge of contemporary issues; an understanding of the impact of arts/design practices in a environmental,

societal, and global context; and the ability and habit to engage in life-long learning

7. understanding of professional ethics and acknowledgment of social 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 】
1.ability to apply professional arts/design knowledge	35	.	Lecturing Case Study Practical Operation (Experiment, Machine Operation	Product Manufacturing: 100%	Total: 100	35
2.ability to apply techniques, skills, and modern tools necessary for arts/design practice	35	.	Lecturing Group Discussion Special Report Practical Operation (Experiment, Machine Operation Student Presentation	Thoughts on Topics: 100%	Total: 100	35
3.ability to integrate arts/design theories and techniques	30	.	Practical Operation (Experiment, Machine Operation Service Learning	Course Participation: 50% Record on Experiment: 50%	Total: 100	30

Grade Auditing

Thoughts on Topics: 35%

Product Manufacturing: 35%

Course Participation: 15%

Record on Experiment: 15%

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	Mario Cascella	Linda Liao
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Lesson Plan

Weeks	Content	Teaching Methods
1	Course introduction, grading method description, introduction of foreign language building relief application course practice examples & intellectual property rights publicity (including telling students to use genuine textbooks) & traffic safety publicity narration method, special report editing & Intellectual Property Protection (use legitimate textbooks only) & Traffic safety Propaganda	Lecturing、 Special Report
2	Introduction of stone types-sedimentary rock, igneous rock, metamorphic rock..	Lecturing、 Student Presentation
3	Mining mining introduction - different mining methods in Taiwan, Italy, granite and other mining areas	Lecturing、 Student Presentation
4	Introduction to Stone Processing Process in Hualien, Taiwan - Factory, Museum, Merchant Sales	Lecturing、 Student Presentation、 Special Report
5	Sandblasting black and white practice (1)	Case Study、 Practical Operation (Experiment, Machine Operation
6	Sandblasting black and white practice (2)	Case Study、 Practical Operation (Experiment, Machine Operation
7	Sandblasting sketch sketch confirmation	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
8	Sandblasting sketch - white sketch confirmation	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
9	Sandblasted Sketch Drawing - Black and White Step Number Complete Confirmation	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
10	Sandblasting sketch drawing - full picture cutting completed confirmation	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation

11	Sandblasting sketch painting - the first layer of sandblasting is completed	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
12	Sandblasting sketch painting - the second coat is sandblasted to complete	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
13	Sandblasting sketch painting - the third layer of sandblasting is completed	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
14	Sandblasting sketch painting - the work is completed and photographed	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
15	Introduction of Sandblasting Relief	Lecturing、 Student Presentation
16	Sandblasting relief pattern confirmation	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
17	Sandblasting relief The first stage sandblasting is completed	Lecturing、 Case Study、 Practical Operation (Experiment, Machine Operation
18	Sandblasted relief The other steps are sandblasted and finished, photographed.	Group Discussion、 Practical Operation (Experiment, Machine Operation