中臺科技大學通識教育微學分課程簡介

Course Syllabus

開課學期 108-2	部別	日間部		
開 課 系 科 通識教育中心	學制	大學部(二技、四技)		
課程名稱 數控雕刻創意實作	授課教師	林芷薐、楊振昇		
課 程 類 別 □學理基礎 ■應用實作	授課方式	□授課□演講□參訪□工作坊		
□跨領域探索		□遠距教學■實作研習營		
□其他:	(可複選)	□其他:		
學 分 數 0.4	授課時間			
科目代碼	請益時間	週一下午		
開課代號	聯絡方式	0937705079		
	(電子信箱			
	或手機號碼)	cllin101938@ctust.edu.tw		
課	程描述			
Course	Description			
本單元為金工教室系列課程之 CNC (Computer i	numerical control,	計算機數字控制)雕刻機應用,課		
程內容包括文創設計新知、認識 CNC 雕刻機、刺	·體環境、刀具安勢	茂及實作等,用八個小時的課程訓		
練學生完成一件屬於自己的雕刻作品。				
課	程目標			
Course Objectives				
1. 學習 CNC 雕刻機操作技能				
2. 了解文創設計新知,並加以創造性運用				
3. 體驗數控雕刻創意及實踐生活美學				
授	課進度			
Course Schedule				
請以 50-100 字簡述 (分週呈現)				
第一週:透過數控雕刻作品介紹,認識 CNC 雕刻機、軟體環境及示範教學。				
第二週:設定創作主題,完成一件個人化數控雕刻作品。				
教學方式				
Teaching Method				
1.課堂講授。				
2.實際示範。				
4.自造實作。				
學習評量方式與配分				
Evaluation Methods & Ratio				
■隨堂作業50% ■上課參與度30% ■ 出席 _20% □口頭報告% □其他(請註明) %				
<u>→ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○</u>				
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Textbook (Title, Author, Publisher, Remarks)				
書名	作者	出版社	備註	
Title	Author	Publisher	Remarks	
自編教材				
參考書目(書名、作者、出版社、期刊、備註)				
Reference Materials (Title, Author, Publisher/Journal, Remarks)				
書名 Title	作者 Author	出版社/期刊 Publisher/ Journal	備註 Remarks	

Central Taiwan University of Science and Technology

General Education Micro Credit Course Syllabus

Year/Semester Center for General Education Program University department	Academic	107-1		Day/Nig	ht	Day
Course type Theoretical Foundation Teaching Teaching Speech Visit Mapplication and Implementation Teaching Teaching Practical Study Camp Other: Other:	Year/Semester			School		
Implementation	Department	Center for General	Education	Progran	n U	niversity department
Course type	Course Title	CNC engraving	creative	Instructo	or	
Application and Implementation methods Workshop Distance Learning Practical Study Camp Other: Credit Hour 0.4 Hour(s) Other: W1.section5-8 Subject Code Email Course Code Email Course Description This unit is a CNC (Computer Numerical Control) engraving machine for the Metalworking Classroom series. Based on aesthetic literacy, design thinking and innovative practical ability, students will be trained in an eight-hour course to complete one of his or her own engraving works. Course Objectives After completion of the unit, students will cultivate aesthetics and learn new ideas of creative design; use them creatively to complete the CNC engraving works; and experience CNC engraving ideas and practice life aesthetics. Course Schedule Week 1: Introduction of CNC engraving works to develop the skill of aesthetics and design thinking. Week 2: Completion of a personalized CNC sculpture. Teaching Method 1. Lecture. 2. Practical demonstration. 3. Complete a CNC sculpture. Evaluation Methods & Ratio 1. Homework-50% 2. Praticipation-30% 3. Attendance -20% Textbook (Title, Author, Publisher, Remarks) Title Author Publisher Remarks Self-education textbook Reference Materials (Title, Author, Publisher/Journal, Remarks)		implementa	tion			
Interdisciplinary Learning	Course type	☐ Theoretical Found	ation	Teachin	g 🗌 Teacl	ning Speech Visit
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Title Author Publisher Remarks Self-education textbook Reference Materials (Title, Author, Publisher/Journal, Remarks) Title Author Publisher/ Remarks	3. Attendance -20%					
Self-education textbook Reference Materials (Title, Author, Publisher/Journal, Remarks) Title Author Publisher/ Remarks	Textbook (Title, Author, Publisher, Remarks)					
Reference Materials (Title, Author, Publisher/Journal, Remarks) Title Author Publisher/ Remarks		Title	Author	:	Publisher	Remarks
Title Author Publisher/ Remarks	Self-education t	extbook				
Title Author Remarks	Reference Materials (Title, Author, Publisher/Journal, Remarks)					
Title Author Journal Remarks		TO' 1			Publisher/	D 1
		Title	Author		Journal	Kemarks