



UNIVERSITI TEKNOLOGI MARA

CDT312: CREATIVE CLAYWORK

Course Name (English)	CREATIVE CLAYWORK APPROVED
Course Code	CDT312
MQF Credit	5
Course Description	This course concentrates on basic design process, projects understanding, skill, surface treatment, glazing technique and firing.
Transferable Skills	1) Students able to recognize basic fundamental of design, application of design process and developmental of ideas. 2) students demonstrate skill on throwing technique, hand building technique, glazing and firing. 3) students able to be ceramic artist
Teaching Methodologies	Lectures, Demonstrations, Workshop
CLO	CLO1 Recognize basic fundamental of design, application of design process and developmental of ideas. CLO2 Demonstrate skill on throwing technique, hand building technique, glazing and firing CLO3 Create ceramic art products and visual presentation
Pre-Requisite Courses	No course recommendations
Topics	
1. 1. Introduction 1.1) 1.1 An introduction to the course, briefly project for the semester	
2. 2. Design by Project 2.1) 2.1 Ideation 2.2) 2.2 New product development 2.3) 2.3 Sketching of Ideas/Working Drawing	
3. 3. Design Process and Developmental Ideas I 3.1) 3.1 Working drawing/sketches of idea's II 3.2) 3.1 Design Shape and Form 3.3) 3.2 Form And Function	
4. 4. Design Process Developmental Idea's II 4.1) 4.1 Sketching on developmental of ideas II 4.2) 4.2 Drawing from 2 D to 3 D 4.3) 4.3 Critic session 4.4) 4.4 Final Ideation on Idea's II 4.5) 4.5 Constructing technical drawing	
5. 5. Clay forming and development of idea I 5.1) 5.1 Mock up made to scale, proportion, 5.2) profile and surface quality.	
6. 6. Clay Forming and Development of Idea I 6.1) 6.1 Mock up made to scale, proportion, 6.2) profile and surface quality.	
7. 7. semester Break 7.1) n/a	
8. 8. Clay Forming and Development of Idea II 8.1) 8.1 Glaze Test	

9. 9. Clay Forming , bisque and Glaze Firing I 9.1) 9.1 Clay forming and finishing 9.2) 9.2 Glaze preparation 9.3) 9.3 Kiln Packing
10. 10. Clay Forming ,bisque and glaze firing 111 10.1) 10.1 Clay forming and finishing 10.2) 10.2 Bisq firing 10.3) 10.3 Glaze preparation
11. 11. Finishing 11.1) 11.1 Glaze Application and finishing on product 11.2) 11.2 Kiln Packing
12. 12. Bisque and Glaze Firing 12.1) 12.1 Bisque firing 12.2) 12.2 Glaze preparation 12.3) 12.3 Glaze finishing
13. 13. Glaze Firing and Final Project Preparation 13.1) 13.1 Glaze Firing 13.2) 13.2 Finishing on final project
14. 14. Glaze firing and Final project Preparation 14.1) 14.1 2D work preparation 14.2) 14.2 3D work finishing
15. 15. Final project preparation 15.1) 15.1 Final drawing preparation 15.2) 15.2 2D and 3D work fishin
16. 16. Study Week 16.1) n/a
17. 17. Final Project Presentation 17.1) 17.1 Artist/ Designer impression 17.2) 17.2 Design Portfolio/CAD CAM 17.3) 17.3 3D Projects 17.4) 17.4 Basic Researches and References

Assessment Breakdown		%	
Continuous Assessment		100.00%	

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Final Project	2D Paperwork	20%	CLO3
	Final Project	3D Work	20%	CLO3
	Individual Project	Idea, design and sketches	20%	CLO1
	Individual Project	Process and technical skill	40%	CLO2

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • Anderson Turner 2008, <i>Surface Decoration</i>, The American Ceramic Society Ohio • Burleson Mark 2003, <i>The Ceramic Glaze Handbook</i>, New York • Harry Fraser 1998, <i>Glazes for the Craft Potter</i>, Craftsman House Australia • Jo Connell 2002, <i>the potter's guide to ceramic surfaces</i>, Krause Publications United states, America • Peter Cosentino 1992, <i>The Encyclopedia of Pottery Techniques</i> • Robert Fournier 1986, <i>Illustrated Dictionary of Pottery Decoration</i>, Prentice Hall • Robin Hopper 2004, <i>Making Marks Discovering The Ceramic Surfaces</i>, Kp Books USA • Shigeki Nakamura 2009, <i>Pattern Sourcebook: 250 Patterns for Projects and Design</i>, Rockport-publishers Inc • Stephen Murfitt 2002, <i>The Glaze Book</i>, Thames & Hudson United Kingdom • Thomas Shafer, Watson and Guptil 1980, <i>Pottery Decoration</i>, New York
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources