



UNIVERSITI TEKNOLOGI MARA

CDT609: CERAMIC SURFACE TREATMENT

Course Name (English)	CERAMIC SURFACE TREATMENT APPROVED
Course Code	CDT609
MQF Credit	3
Course Description	This course will introduce all ceramic studio decorative and types of surface treatment, also processes for studio ceramic decoration. The course is delivered in two modes i.e. theory and practical – hands-on. It will include design process, material studies, applications experimental projects and firing technique.
Transferable Skills	Students will learn the processes for studio ceramic decoration like making process, material studies, applications, and also firing process.
Teaching Methodologies	Lectures, Studio, Demonstrations, Practical Classes, Discussion, Workshop
CLO	CLO1 Demonstrate and apply various types of ceramic decoration for studio ceramic wares. CLO2 relate studio decoration types and processes on ceramic surface professionally in a right way. CLO3 manipulate all basic ceramic decorative material and application technique creatively.
Pre-Requisite Courses	No course recommendations
Topics	
1. INTRODUCTION 1.1) Course briefing	
2. CERAMIC SURFACE TREATMENT 2.1) Understanding of ceramic surface treatment 2.2) Clay preparation	
3. CLAY PREPARATION 3.1) Clay and slip preparation 3.2) Tools and equipment	
4. CLAY BODY TREATMENT 4.1) Clay and added material (nature resource, fibre) 4.2) Paper works 4.3) Tools and materials	
5. CLAY BODY TREATMENT 5.1) Clay and added material (color stain/oxide) 5.2) Paper works 5.3) Tools and materials	
6. CLAY BODY TREATMENT 6.1) Surface decoration (carving, stamping, rolling, piercing, etc.) 6.2) Paper works 6.3) Tools and materials	
7. SLIP DECORATION 7.1) Slip on clay surface (slip trailing, mocha magic, marbling, feathering, combing, sponging, etc.)	
8. SLIP DECORATION 8.1) Slip on clay surface (with stain color)	

9. SLIP DECORATION 9.1) Combined technique of slip decoration 9.2) Paper works 9.3) Tools and materials
10. GLAZE DECORATION 10.1) Glaze preparation (transparent and colour glaze oxide & stain 10.2) Glaze decoration (stamping, wax resist, brush-on, etc.)
11. GLAZE DECORATION 11.1) Glaze decoration 11.2) Paper works 11.3) Tools and materials
12. FINISHING AND DRYING 12.1) Kiln loading (bisque)
13. GLAZE FIRING 13.1) Glaze firing 13.2) Tools & equipments
14. PRODUCT FINISHING 14.1) Product finishing

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Student will be assess in the week of eight for the progress assessment.	60%	CLO1 , CLO2

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • Quinn, Anthony 2007, <i>The Ceramics Design Course</i>, Thames & Hudson. UK • Angelica Pozo 2010, <i>Ceramics for Beginners: Surfaces, Glazes & Fi</i> • Mattison, Steve 2003, <i>The Complete Potter</i>, Barrons Educational Series. UK • Glenn C. Nelson & Richard Burkett 2001, <i>A Glaze of Color: Creating Color & Design on</i> • Cosentino, Peter 2002, <i>The Encyclopedia of Pottery Techniques</i>, Sterling Press. UK

Article/Paper List	This Course does not have any article/paper resources
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Other References	This Course does not have any other resources
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