



UNIVERSITI TEKNOLOGI MARA

CDT271: GLAZE PRACTICE

Course Name (English)	GLAZE PRACTICE APPROVED
Course Code	CDT271
MQF Credit	2
Course Description	This course concentrates on glaze theory and practice based on history of glaze, functions, glaze materials, glaze preparation and firing.
Transferable Skills	Ceramic Artist Designer Art teacher
Teaching Methodologies	Lectures, Studio, Demonstrations
CLO	CLO1 Identified basic knowledge in glaze practice CLO2 Demonstrate glaze preparation and application CLO3 Explain effect and defect of the glaze
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction of Glaze 1.1) History 1.2) Groups or types of glaze 1.3) Ceramic Properties and classification 1.4) Function	
2. Glaze Materials 2.1) Alkali group 2.2) Acid group 2.3) Neutral group	
3. Glaze Materials 3.1) Glaze Color 3.2) Stains 3.3) Oxides 3.4) Engobes	
4. Glaze Preparation 4.1) Formula and recipes	
5. Glaze Preparation 5.1) Weighing 5.2) Mixing 5.3) Testing	
6. Glaze Preparation 6.1) Test Pieces	
7. Academic Trip 7.1) n/a	
8. Methods of glaze application 8.1) Pouring 8.2) Dipping	
9. Methods of glaze application 9.1) Brushing 9.2) Spraying	

10. Glaze Firing 10.1) Firing Temperature 10.2) Profile of Firing
11. Glaze Firing 11.1) Loading 11.2) Setting in Kiln
12. Glaze Effect 12.1) Types of Defect
13. Glaze Defect 13.1) Causes and prevention
14. Glaze Defect 14.1) Analysis and Discussion

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Glaze Experiment	20%	CLO1 , CLO2
	Test	Test 1	20%	CLO1 , CLO2
	Test	Test 2	20%	CLO3

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • Frank Hamer, Janet Hamer 2004, <i>The Potter's Dictionary of Materials and Techniques</i>, Fifth Edition Ed., A&C Black [ISBN: 0713664088] • Harry Fraser, <i>Glazes for the Craft Potter</i>, Thames and Hudson Australia [ISBN: 9057030128] • H. Robin 2001, <i>The Ceramic Spectrum A Simplified Approach to Glaze & Color Development</i>, Krause Publication • J.R Taylor and A.C Bull 1986, <i>Ceramics Glazes Technology</i>, Institute of Ceramics • Mark Burleson 2001, <i>The Ceramic Glaze Handbook</i>, Lark Books (NC) [ISBN: 1579902022] • Stephen Murfitt 2002, <i>The Glaze Book</i>, Thames & Hudson [ISBN: 0500510431]

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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