



UNIVERSITI TEKNOLOGI MARA

CDT650: INDUSTRIAL CERAMIC DEGREE PROJECT

Course Name (English)	INDUSTRIAL CERAMIC DEGREE PROJECT APPROVED
Course Code	CDT650
MQF Credit	6
Course Description	This course is concerned with creativity, to generate innovative and challenging approaches. It provides the opportunity to innovate a sphere of the design world, supported by the theories of creativity and innovation. Nature will consider the processes of creativity and innovation, how designers think and work and how innovation can be encouraged by environmental and management factors. For instance, wish to explore new methods of working in studio practice, or carry out an in-depth investigation into the processes of innovation for industry. The project will broaden the boundaries of current work by exploring new ways of working, new markets or new technologies and work towards breaking new ground in own field. In addition, closely examine appropriate presentation skills to promote design work in a competitive market.
Transferable Skills	Entrepreneurial, design managing
Teaching Methodologies	Lectures, Studio, Presentation, Workshop, Supervision
CLO	CLO1 combine all the processes and encouragement of creativity and innovation CLO2 rearrange chosen design area consecutively to discover the best solution for ceramic product design CLO3 completes design work in an appropriate manner (visually/verbally). CLO4 organize a degree design project exhibition
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to Final Design Presentation 1.1) 1.1. Project Brief /Course requirement. 1.2) 1.2. General Discussion on Individual Ideas and Design Concept.	
2. Effective Research & Development Skill (Creative Process) 2.1) 2.1. Effective Research Method 2.2) 2.2. Literature Search 2.3) 2.3. Data Collection Fieldwork	
3. Ideation Skills 3.1) 3.1. Ideation to Production -Practicality considerations 3.2) 3.2. Design for function –(form- proportion/volume)	
4. Studies on related Designer 4.1) 4.1. Idea & Concept 4.2) 4.2. Material & Technique	
5. Production Plan 5.1) 5.1. Specific Drawing & CAD 5.2) 5.2. Production Process Flow & Grant Chart Schedule	
6. Product Research & Development 6.1) 6.1. Re-modelling & De-moulding Method 6.2) 6.2. Re-modified Glaze Method 6.3) 6.3. Re-firing Method	

7. Exhibition Management

7.1) 7.1. Product Display

7.2) 7.2. Promotion & Publication

7.3) 7.3. Documentation

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Visual Assessment	Presentation of project proposal, ideation & design, sampling and model	60%	CLO1 , CLO2

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • Anthony Quinn, 2007, <i>The Ceramic Design Course</i>, Thames & Hudson Ltd, London, • Donald. E. Frith; 2001, <i>Mold Making For Ceramics. Penn: Chilton Book</i> • Savage, George, and Newman, Harold. 2000, <i>An Illustrated Dictionary of Ceramics</i>, Van Nostrand Reinhold, New York • Peterson, Susan 1992, <i>The art and craft of clay</i>, prentice hall inc. New Jersey • Paak,. Carl E. 2003, <i>The decorative touch: How to Decorate, Glaze</i> , Englewood Cliffs, New Jersey : Prentice Hall • French, Neal 2000, <i>Industrial Ceramics Tableware</i>, London : Oxford University Press

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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