



UNIVERSITI TEKNOLOGI MARA

CID552: INDUSTRIAL CERAMIC DESIGN PHASE

Course Name (English)	INDUSTRIAL CERAMIC DESIGN PHASE APPROVED
Course Code	CID552
MQF Credit	4
Course Description	This course is the initial phase for student in order to propose a design for final year degree project. The course is constructed to engage student with the professional practice and procedure of creating product design according to theme, concept, criteria and requirement. Student will involve in the design process, study and explore in depth at the various stages of this crucial phase of product making. It is a project-based course that require student to operate hands on, both digital design tools as well as manual (conventional) methodology in the process of advocating the industrial need for degree holder to be literate with IT performances. The course will begin with a project proposal based from the research preliminary study conducted on the earlier discussion of this course. It will then be followed by completing the stage that involves idea generating and designing via selected product identified. Hence, throughout the courses, student will be adapted to the knowledge that promotes skill and talent as designer who has passion on both design and technical ceramic. In order to produce skilled and talented designer who understand both aesthetics and technology, this course also focusing on both design and technical ceramic.
Transferable Skills	design skill
Teaching Methodologies	Lectures, Studio, Discussion, Supervision
CLO	<p>CLO1 Complete the design development process according to the need of design objectives in the form of designer's portfolio.</p> <p>CLO2 Demonstrate various types of designer's design tools in the process of developing design.</p> <p>CLO3 Justify the design selection for the final year degree project based on design principal and / or design criteria.</p>
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction to the course 1.1) N/A	
2. Research & Analysis 2.1) N/A	
3. Design proposal 3.1) N/A	
4. Design development 4.1) N/A	
5. Practical consideration 5.1) N/A	
6. Aesthetic reasoning 6.1) N/A	
7. CAD development 7.1) N/A	
8. Prototyping 8.1) N/A	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Development of design based on design criteria, market study, ergonomics and aesthetic	50%	CLO3
	Portfolio/Log Book	Compilation of research, project's proposal, ideation and design development	25%	CLO1
	Portfolio/Log Book	Ability to manipulate various types of design tools in developing product design according to design requirement	25%	CLO2

Reading List	Reference Book Resources	<ul style="list-style-type: none"> • Anthony Quinn, <i>The Ceramics Design Course</i> [ISBN: 9780500286890] • Pat Moore, Pirco Wolfram 2013, <i>Eva Zeisel</i>, Chronicle Books [ISBN: 1452108528] • Chris Lefteri 2007, <i>Making It</i>, Laurence King Publishing [ISBN: 9781856695060] • Dan Cuffaro, Isaac Zaksenberg 2013, <i>The Industrial Design Reference & Specification Book</i>, Rockport Pub [ISBN: 9781592538478]
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	