



UNIVERSITI TEKNOLOGI MARA

ADE451: CERAMIC JEWELRY

Course Name (English)	CERAMIC JEWELRY APPROVED
Course Code	ADE451
MQF Credit	3
Course Description	This course concentrates on basic skills for ceramic jewelry modeling and explores various way of creating ceramic jewelry. Students will be guided through various selected design/projects with supporting series of lectures and critics sessions in workshop practice. It will guide student in order to decide the best approach of producing ceramic jewelry depending on ideas and design. Student will be exposed to the knowledge of making ceramic jewelry in the constraint of ceramic material and technique. The design and development process of designing for ceramic jewelry are also the main concern in this course. The introductions of ceramic material, firing technique and safety precaution in working area are also will be discuss.
Transferable Skills	Ceramic modelling skill.
Teaching Methodologies	Lectures, Demonstrations
CLO	CLO1 1. Explains basic materials, techniques and types of ceramic jewelry. CLO2 2. Displays basic ceramic jewelry form techniques. CLO3 3. Differentiate various types of ceramic jewelry design for studio discipline.
Pre-Requisite Courses	No course recommendations
Topics	
1. 1. Introduction to Ceramic Jewelry 1.1) 1.1 Definition and term 1.2) 1.2 Types of product	
2. 2. Introduction to ceramic jewelry design and fabrication 2.1) 2.1. Jewelry Design Timeline 2.2) 2.2. Ceramic materials, metals and gems 2.3) 2.3. Forming and execute method 2.4) 2.4. Modeling process 2.5) 2.5 Tools and equipment	
3. 3. Introduction to ceramic bead, bracelet, necklace, pendant and rings 3.1) 3.1 Fashion jewelry 3.2) 3.2 Art jewelry 3.3) 3.3 . Design work	
4. 4. Fabrication/Forming Methods using ceramic materials 4.1) 4.1. Manual and casting forming using porcelain and polymer clay 4.2) 4.1.1 2D sketches to 3D sketches 4.3) 4.1.2 Measurement, scale and 4.4) 4.1.3 Shaping, forming and smithery 4.5) 4.1.4 Troubleshoot and finishing 4.6) 4.1.5 Execute jewelry accessories using plastic, metal, crystal, wooden and glasses 4.7) 4.1.6 2D sketches to 3D sketches 4.8) 4.1.7 Measurement and scale 4.9) 4.1.8 Shaping, forming and symmetry 4.10) 4.1.9 Troubleshoot and finishing	
5. 5. Glazing in single and multicolor 5.1) 5.1. Mixing glaze, procedure and application 5.2) 5.2. Coloring technique	

6. 6. Drying & Firing

- 6.1) 6.1. Bisque and Glaze Firing
- 6.2) 6.2. Kiln Loading Procedure
- 6.3) 6.3. Safety Precaution : Firing Procedure

7. 7. Finish Product / Sample

- 7.1) N/A

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Final Project	Presentation on the finish product based ceramic jewelry for studio discipline related to 'problem solving and scientific	40%	CLO3
	Portfolio/Log Book	Assignment (portfolio and hand on practice related to basic materials, techniques and types of ceramic jewelry require student to demonstrates to emphasize the attribute of 'information management and lifelong learning skills'	15%	CLO1
	Practical	Assignment (portfolio and hand on practice related to basic materials, techniques and types of ceramic jewelry require student to demonstrates to emphasize the attribute of 'information management and lifelong learning skills'	15%	CLO1
	Practical	Project Based Learning assignments (hand on practice) conduct basic ceramic jewelry techniques on creative product to emphasize the attribute of 'practical skills'	30%	CLO2

Reading List	This Course does not have any book resources
Article/Paper List	This Course does not have any article/paper resources
Other References	<ul style="list-style-type: none"> • BOOK 1. Daly, G. 2013, <i>40 Years in the Making: The Pots, Kept</i> • BOOK 2. Gault, R. 2013, <i>Paper clay: Art and Practice</i>, A&C Black • BOOK REVIEW 3. Denison, J. 2016, <i>Clay: Contemporary ceramic artisans</i>, The Journal of Australian Ceramics, 55(3), 102. • BOOK 4. Stephens, K. E. 2015, <i>History in the Hand Through Functional Ceramics.</i> • BOOK 5. Bloomfield, L. 2014, <i>The Handbook of Glaze Recipes: Glazes and Clay Bodies.</i> , Bloomsbury Publishing • BOOK 6. Taylor, B. J., & Doody, K. 2014, <i>Ceramic Glazes: The Complete Handbook</i>, Thames & Hudson. • BOOK 7. St Clair, J. 2012, <i>Art within ceramic decoration.</i> • BOOK 8. Doody, K., & Taylor, B. 2014, <i>Glaze-The Ultimate Ceramics Artist Guide to Glaze and Color book.</i>