



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Ceramic Technology- II							
Course Code		MDA106		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	53 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Properties of ceramic glazes used on ceramic surfaces in ceramic technology and is intended to make the application.							
Course Content		Properties of the ceramic glaze used, classification, raw materials and sample making secrets secret recipe with a secret trial. The secret recipe of preparation of research to be done, in the öğütü Hammer mill. ugulanarak firnl up to the plate and try 'rating results. made of colored glaze and testing of the positive test.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	ceramic technology, Ateş ARCASOY
2	Ş.DOĞAN, Annotated Ceramic Technology, Birsen Yayınevi, İstanbul
3	F. İŞMAN, Ceramic Technology,,İstanbul Devlet Tatbiki Güzel Sanatlar Yüksekokulu Teknik Yayınlar Serisi, İstanbul, 1972

Week	Weekly Detailed Course Contents	
1	Theoretical	.Industrial ceramics mud and raw materials
2	Theoretical	.The production and properties of the fund
3	Theoretical	.Vitreous china and tile-consolidated production features
4	Theoretical	.Porcelain and features
5	Theoretical	.What is How to prepare primer undercoat. What kind of primer.
6	Theoretical	.The coloration of the ceramic clay
7	Theoretical	.Special ceramic slurries
8	Intermediate Exam	.Midterm
9	Theoretical	.What is ceramic glazes. What are the features.
10	Theoretical	.What is the formula with sugar formulaic expression. How is it calculated.
11	Theoretical	.What are the secrets of raw materials and their properties.
12	Theoretical	.What are the order coloring oxides. What are the features they are used in.
13	Theoretical	.Sample preparation and performance of the application of glaze recipes
14	Theoretical	.The oven temperature should be how and environment used in the glaze firing
15	Theoretical & Practice	.Alternative Firing Techniques
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Midterm Examination	1	5	1	6
Final Examination	1	4	1	5
Total Workload (Hours)				53
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Architectural decorative art of interior and exterior decoration technology and gain practical knowledge of ceramic materials to be used in applications with ceramic technology
2	Using the basic level of knowledge and skills acquired in the field, to be able to apply the knowledge they have acquired the forms learn the techniques.
3	having material science and technology
4	Ceramic raw materials, recognize the secrets, to make the formulaic expression, to classify ceramic glazes
5	To recognize the glazing process and make applications.
6	Learn the annealing the material drying and firing technologies.

Programme Outcomes (Architectural Decorative Arts)

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Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	4			4	
P2	4	4			
P3		3	4		4
P4				4	
P5	4	3		3	
P12					4

