AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Ceramic Slips and Paints								
Course Code	MDA225		Couse Level		Short Cycle (Associate's Degree)				
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	1	Laboratory	0
Objectives of the Course	To create a suitable slip and paint for the ceramic body, to investigate its usability on the bodies suitable for cooking temperatures. To determine the ratio and raw materials to be used in the prepared slip recipes, to recognize the properties of cored and non-essential raw materials and color oxides used in the slip, to define the effects of raw materials on the slip and paint.								
Course Content	To develop primer and paint recipes in different compositions, to calculate the recipes according to the specified primer type, experimenting with different primer compositions. Use of ceramic primer, ceramic glaze and ceramic paints, their preparation and properties.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Individual Study								
Name of Lecturer(s)									

Prerequisites & Co-requisities	
Equivalent Course	MDA221

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Arcasoy Ateş, Ceramic Technology, Marmara University Faculty of Fine Arts Publications, Istanbul, 1983
2	Çobanlı Zehra, Ceramic Slips, Anadolu University Press, Eskisehir, 1996
3	Cooper Emmanuel, Ceramics and Pottery, Remzi Bookstore, Istanbul, 1978

Week	Weekly Detailed Course Contents	
1	Theoretical	Core and non-core raw materials used in the slip and the properties of dyes oxides
2	Theoretical	Core and non-core raw materials used in the slip and the properties of dyes oxides
3	Theoretical	Slip types and properties
4	Theoretical	Preparation of prescriptions for the selected slip types
5	Practice	Weighing and grinding recipes
6	Practice	Weighing and grinding recipes
7	Practice	Firing of prepared slips in different firing atmospheres
8	Intermediate Exam	Midterm exam
9	Theoretical & Practice	Tests applied to ceramic slips
10	Theoretical & Practice	Slip errors and their correction
11	Practice	Preparation of ceramic surfaces where slips will be applied
12	Practice	Preparation of ceramic surfaces where slips will be applied
13	Practice	Preparation of products to be slipped
14	Practice	Replication of positive slip prescriptions and their application on three-dimensional ceramic surfaces
15	Theoretical & Practice	Prescription calculations and report preparation
16	Final Exam	Final exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Project	2	4	10	28

Midterm Examination	1	1	1	2
Final Examination	1	2	1	3
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Determine the rate and raw materials to be used in the prepared slip recipes
2	Can develop slip and paint recipes in different compositions
3	Apply the slips and paints that they research on ceramic surfaces
4	Evaluate their research
5	Supporting with designs by determining the place of ceramic in the history of culture and establishing its connection with contemporary art

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
P2	4	4		4	
P5				3	
P8					3
P12	4	4	4		
P17			3		