



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Forming Plaster and Model- I							
Course Code		MDA107		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	96 (Hours)	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		Gypsum material emphasizing the importance of industrial and artistic sense in series production, teaching, and as a practical demonstration of the facilitator in resolving the architectural decoration techniques.							
Course Content		The importance of gypsum with the education of plaster materials and other auxiliary materials, use of facilities, design models from plaster, plaster mold-making, mass production of meaning in one piece to get a multi-part mold and to teach production techniques with modeling types.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Project Based Study, Individual Study					
Name of Lecturer(s)		Ins. Halil İbrahim ÇAKIR							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Prepared lecture notes, technical books
2	Nafiz Göğüş Ceramic Tile and Technical Official, Ministry of Education Publications, 1990, Ankara
3	Yunus Yilmazer, Ceramic Molding and Casting Plaster Modeling Techniques, 2008, İstanbul

Week	Weekly Detailed Course Contents	
1	Theoretical	The use of plaster ceramic manufacturing - occurrence in nature - features
2	Theoretical	layout and equipment of a plaster workshop - tools and materials used in shaping - the storage of gypsum
3	Practice	Preparation of a mixture of plaster and cast - insulation plaster - plaster water rates
4	Practice	Gypsum restrained design of geometric forms (cube, pyramid, rectangular prism, etc.)
5	Practice	Plaster model - picture of plaster model
6	Practice	Freehand shaping of the designs drawn on the model drawing (technical drawing)
7	Practice	Casting plaster model mouth construction
8	Intermediate Exam	Midterm
9	Practice	Mold-making methods from the plaster model -model of the mitered or multi-piece molds -tek
10	Practice	Taking the design of the plaster mold
11	Practice	Single and Double-piece models made of die cast production of sludge
12	Practice	The touch made the reputation model made of iron. drying
13	Practice	The biscuit firing and glaze made of dried cast
14	Practice	Glazing and final evaluation
15	Practice	Glazing and final evaluation
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Lecture - Practice	14	0	1	14
Assignment	2	1	15	32
Midterm Examination	1	3	1	4



Final Examination	1	3	1	4
Total Workload (Hours)				96
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Teaching of the chemical structure of gypsum plaster mold while the preparation method
2	Gypsum material, learn the theoretical and terminological information for shaping and molding to
3	create original designs appropriate to the given project
4	Learn about the transition process from project design to production
5	Demonstration of teaching and application of the modular production methods

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		5	4	4	5
P2		4			
P4			4	4	
P12		5			
P13			4	3	
P14				4	
P15			3	4	5
P16	4	5			
P17			4	4	4

