

İLT 518 CERAMIC TECHNOLOGY				ADVANCED TECHNOLOGIES					
Semester	Teaching and Learning Methods (Hours per Semester)							Credits	
	Lecture	Recit.	Lab.	Projects	Homework	Other	Total	Local Credit	ECTS Credit
	42	-	-	45	30	71	188	3	7,5
Language	Turkish								
Compulsory / Elective	Elective								
Prerequisites	None								
Catalog Description	Technological investigation of raw materials of classic ceramics. Enrichment of raw materials. Investigation of manufacturing stages of ceramic. Preparation of mixture used in manufacturing of ceramic. Methods of forming; moulding, pressing, plating etc. Baking and sintering processes. Furnaces of sintering. Preparation of glaze. Glazing. Decorating and quality control.								
Course Objectives	To give the knowledge about mixture preparation used in manufacturing of classic ceramics, forming of prepared mixture, sintering, glazing, decorating and quality control.								
Course Outcomes	To be learned the manufacturing stages of ceramics beginning from raw materials.								
Textbook and /or References	<ul style="list-style-type: none"> • Sentance, B., <i>Ceramics: A World Guide to Traditional Techniques</i>, Thames&Hudson,2004. • Nelson, G. C. and Burkett, R., <i>Ceramics: A Potter's Handbook</i>, Wadsworth, 2001. 								
Assessment Criteria							If any,mark as (X)	Percentage %	
	Midterm Exams						X		
	Quizzes						-		
	Homeworks						X		
	Projects						X		
	Term Paper						-		
	Other						-		
	Final Exam						X		
* The weights of the assessment criteria are determined by the instructor in the beginning of the semester and announced to the students.									
Instructors	Yrd.Doç.Dr. Dilek Varışlı / January 2009								
Week	Subject								
1-4	Technological investigation of raw materials of classic ceramics. Enrichment of raw materials. Investigation of manufacturing stages of ceramic.								

5-7	Preparation of mixture used in manufacturing of ceramic
8	Midterm
9-11	Methods of forming; moulding, pressing, plating etc. Baking and sintering processes. Furnaces of sintering.
12-14	Preparation of glaze. Glazing. Decorating and quality control.