Course Syllabus

Code - Course Title	**SER637 - Ceramic Technology I**
Course Type	I. SEMESTER
Laboratory + Practice	2+1
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. GÖKTUĞ GÜNKAYA

Mode of Delivery	Face to face
Prerequisites	This course is not pre-requisite
Courses Recomended	None
Recommended Resources	Arcasoy, A., "Ceramic Technology", Marmara University Fine Arts Faculty ,Ceramic Branch Publications, No:2, Istanbul, 1988.Felix Singer-W.J.German :" Ceramic Glazes" , Borax Consolidated Limited, London SW1, 1971 (Çeviren: Tülin AYTA, Istanbul,1976)https://mattfiske.wordpress.com/page/4/https://digitalfire.com/4sight/glossary/glossary_metallic_or_bronze_glazes.htmlhttps://digitalfire.com/4sight/hazards/ceramic_hazard_manganese_inorganic_compounds_toxicology_317.htmlhttps://digitalfire.com/4sight/hazards/ceramic_hazard_manganese_toxicity_by_elke_blodgett_409.htmhttp://www.potters.org/subject05466.htmhttp://glazy.org/recipes/4285http://glazebook.tumblr.com/
Work Placement	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		DEFINITION OF CERAMIC AND GLAZE, CLASSIFICATION OF CERAMIC PRODUCTS, FEATURES	
Week - 2		CLASSIFICATION OF SECRETS AND CHARACTERISTICS OF GLAZES.	
Week - 3		CHARACTERISTICS OF THE RAW MATERIALS USED IN CERAMIC CONSTRUCTION AND GLAZE I.	
Week - 4		CHARACTERISTICS OF THE RAW MATERIALS USED IN CERAMIC CONSTRUCTION AND GLAZE II.	
Week - 5		COLOR OXIDES AND THEIR PROPERTIES I	
Week - 6		COLOR OXIDES AND THEIR PROPERTIES II.	
Week - 7		MUD FORMING METHODS.	
Week - 8		CERAMIC DRYING AND FIRING PROCESS OF CERAMIC PRODUCTS.	
Week - 9		PREPARATION, APPLICATION METHODS AND FIRING OF GLAZES.	
Week - 10		EVENTS OCCURING IN GLAZED FIRING.	
Week - 11		FAULTS IN GLAZE AND THEIR SOLUTIONS	
Week - 12		COLORING CERAMIC BODIES, COLORED CERAMIC BODY.	
Week - 13		FINAL ASSIGNMENT RESEARCH.	
Week - 14		FINAL ASSIGNMENT APPLICATION AND REPORT PREPARATION.	

Learning Outcomes

#	Learning Outcome

Learning Outcomes

#	Learning Outcome
1	The student gets information about the types of ceramic products, the raw materials and production techniques used in the body and glaze. Prepares colored ceramic body and glaze recipes and applies them to ceramic forms.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.