Course Syllabus

Code - Course Title	**SER638 - Ceramic Technology II**
Course Type	II. SEMESTER
Laboratory + Practice	2+1
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SELVİN YEŞİLAY

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.I.German :" Ceramic Glazes" , Borax Consolidated Limited, London SWI, 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		TYPES OF CERAMIC GLAZES AND THEİR CLASSIFICATION.	
Week - 2		CLASSIFICATION OF CERAMIC GLAZES ACCORDING TO THE TYPES OF PRODUCTION (FRIT GLAZES, RAW GLAZES, SALT GLAZES.	
Week - 3		FİRİT PRODUCTION TECHNOLOGY.	
Week - 4		GLAZE TYPES ACCORDING TO SURFACE FEATURES (TRANSPARENT GLAZES, MATTE GLAZES, (CRACKED) CRACKED GLAZES)	
Week - 5		GLAZE TYPES ACCORDING TO SURFACE FEATURES (COLLECTED GLAZES, CRYSTALS, AVENTURINE GLAZES)	
Week - 6		REDUCTION GLAZES (LUSTER GLAZES, CHINESE RED, CELADON GLAZES)	
Week - 7		VARIOUS PROPERTIES OF CERAMIC GLAZE EVENTS OCCURING IN GLAZED FIRING.	
Week - 8		PROPERTIES OF OXIDES USED IN GLAZE I.	
Week - 9		PROPERTIES OF OXIDES USED IN GLAZES II.	
Week - 10		PROPERTIES OF COLORING OXIDES USED IN CERAMIC GLAZES, PREPARATION, APPLICATION METHODS AND FIRING.	
Week - 11		EVENTS OCCURING IN GLAZED FIRING.	
Week - 12		GLAZES FAULTS.	
Week - 13		FINAL ASSIGNMENT RESEARCH.	
Week - 14		FINAL ASSIGNMENT APPLICATION AND REPORT.	

Learning Outcomes

#	Learning Outcome
1	The student gets information about the ceramic glaze types and their properties. Prepares glaze recipes and applies them to ceramic forms, fires and prepares research reports.

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.