Course Syllabus

Code - Course Title	**SER472 - Reduction Glazes and Technologies**
Course Type	VII. SEMESTER
Laboratory + Practice	2+0
ECTS	**2.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	ÖĞR. GÖR. DR. ÇİĞDEM ÖNDER ER

Mode of Delivery	Face-to-face
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	none
Recommended Resources	Ceramic TechnologyAteş Arcasoy, Hasan Başkırkan
Work Placement	none
Aims of the Course	To develop the ability to formulate glazes within the technological field of ceramics.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	The raw material of ceramic glazes.	Lecture, Demonstration and Practice
Week - 2		Structure and composition of ceramic raw material.	
Week - 3		General classification of Industrial and Artistic glaze.	
Week - 4		Artistic glaze types at the reduction firing.	
Week - 5		Running glaze,Matt glaze,Crakle glaze,Crawling glaze,Cristal glaze,Aventürin glaze,Ash glaze.	
Week - 6		Glazes are to make up at the reduction firing.a:Luster glaze,b:chinese glaze,c:celadon glaze.	
Week - 7		Glazes are to make up at the reduction firing.a:Luster glaze,b:chinese glaze,c:celadon glaze.	
Week - 8		HOLİDAY.	
Week - 9		Caracteristic of ceramic glaze.melting,expantion,surface tension,electrical contuctivitey,colour,Homojenize.	
Week - 10		Special ceramic glazes and research subjects.	
Week - 11		Aplications are about glaze.	
Week - 12		batch calculation.	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Preparing of report.	
Week - 14		FINAL.	

Learning Outcomes

#	Learning Outcome
1	tudent will be able to decide which raw materials that she/he has to use in glaze compositions.
2	tudent will be able to compose different kinds of glaze prescriptions.
3	apply the glaze that she/he has composed on ceramic body.
4	evaluate the experiment that she/he has done.

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Media, Design and Creative Arts ✓ Innovation Skills

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	2.00	14	28
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	1.00	4	4
Ödevler	1.00	2	2
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	1.00	4	4
Final Sınavı Hazırlığı (sınav süresi dahil)	1.00	4	4
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	1.00	14	14
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**2.0**

Assessment Method and Passing Requirements

✓ Open-Ended Test ✓ Performance Assessment (Individual/Panel-Based) ✓ Project

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**