Course Syllabus

Code - Course Title	**SER575 - Ceramic Technology I**
Course Type	I. SEMESTER
Laboratory + Practice	2+1
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. GÖKTUĞ GÜNKAYA

Mode of Delivery	Formal
Prerequisites	-
Courses Recomended	-
Recommended Resources	1. Wenjie Li, Ceramics Technology,A History of Chinese Science and Technology, October 2015.2. Ceramic Technology for Potters and SculptorsYazar: Yvonne Hutchinson Cuff3. Ceramic Technology and Processing: A Practical Working GuideYazar: Alan G. King
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to Ceramics, Definition and History	
Week - 2		Determination of term project topics and creation of content	
Week - 3		Ceramic Raw Materials	
Week - 4		Raw Material Reactions and Formula Calculation	
Week - 5		Classification of Ceramics	
Week - 6		Ceramic Production Methods	
Week - 7		Technological Ceramics	
Week - 8		Introduction to Ceramic Glazes	
Week - 9		Ceramic Glaze Types and Glaze Production	
Week - 10		New Technologies Used in Ceramic Art	
Week - 11		Student Presentations	
Week - 12		Student Presentations	
Week - 13		Student Presentations	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Student Presentations	

Learning Outcomes

#	Learning Outcome
1	Can explain the definition and history of ceramic materials
2	Learns the raw materials used in ceramic production and their properties.
3	Comprehends the chemical reactions occurring in ceramic production
4	Can classify ceramic materials
5	Gains knowledge about technological ceramics
6	Can define ceramic glazes and explain their compositions.
7	Learns the production methods of ceramic glazes
8	Can explain the latest technologies used in ceramic art

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.