Course Syllabus

Code - Course Title	**SER576 - Ceramic Technology II**
Course Type	II. SEMESTER
Laboratory + Practice	2+1
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SELVİN YEŞİLAY

Mode of Delivery	Formal
Prerequisites	-
Courses Recomended	-
Recommended Resources	1. Introduction to CeramicsYazar: W. David Kingery, H. K. Bowen, Donald R2. An Introduction to CeramicsYazar: Roman Pampuch3. Ceramic Materials: Science and EngineeringYazar: C. Barry Carter, M. Grant Norton
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Ceramic Slurry and Glaze Preparation: Recipe preparation, Drying, Firing, Engobes	
Week - 2		Glazing methods	
Week - 3		Glaze coloring	
Week - 4		Engobe techniques	
Week - 5		Ceramic Kilns: Development and characteristics of ceramic kilns	
Week - 6		Decor Techniques and Application Methods	
Week - 7		Alternative Ceramic Production Technologies	
Week - 8		Investigation of Alternative Materials Used in Ceramic Bodies and Glazes	
Week - 9		Ceramic Defects	
Week - 10		Student presentations	
Week - 11		Student presentations	
Week - 12		Student presentations	
Week - 13		Student presentations	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Student presentations	

Learning Outcomes

#	Learning Outcome
1	Knows the properties of ceramic materials
2	Has knowledge about the usage areas of ceramic materials.
3	Knows the production techniques of ceramic materials.
4	Knows the techniques of ceramic glaze and slurry preparation.
5	Has knowledge about alternative materials used in ceramic and glaze production.
6	Finds ways to improve existing knowledge
7	Knows the features of ceramic kilns
8	Has knowledge about alternative ceramics and glaze production techniques.
9	Applies glaze coloring techniques
10	Knows ceramic production deffects.

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.