Course Syllabus

Code - Course Title	**CAM525 - Technological Glasses I**
Course Type	I. SEMESTER
Laboratory + Practice	2+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SELVİN YEŞİLAY

Mode of Delivery	Online
Courses Recomended	1. Introduction to Glass Science and Technology, 3rd EditionYazar: James E. Shelby2. Glass Science and Its Applications - IIYazar: Nandyala Sooraj Hussain, José Domingos da Silva Santos
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Definition, Structure and General Properties of Glass	
Week - 2		Types of Glass by Composition, Traditional Glasses	
Week - 3		History of Glass Technology and Developments in This Field	
Week - 4		Introduction to High-Tech Glasses	
Week - 5		Classification of Advanced Technology Glasses According to Composition and Production Methods	
Week - 6		Production Techniques of Advanced Technology Glasses	
Week - 7		The Place and Importance of Advanced Technology Glasses in Human Life	
Week - 8		Technological Glasses and Art	
Week - 9		Technological Devices Used in Glass Art	
Week - 10		Effects of Glass Production on the Environment	
Week - 11		Term Project Presentations	
Week - 12		Term Project Presentations	
Week - 13		Term Project Presentations	
Week - 14		Term Project Presentations	

Learning Outcomes

#	Learning Outcome
1	Will be able to understand different types of glass materials
2	Explain the properties of glassy and other amorphous materials
3	Defines Technological Glasses
4	Can Classify Technological Glasses
5	Explain the production methods of various technical glasses
6	Explain the effects of glass production on the environment
7	Can interpret the relationship between art and technology

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.