Course Syllabus

Code - Course Title	**CAM527 - Techniques of Coatings on Glass Surfaces I**
Course Type	I. SEMESTER
Laboratory + Practice	2+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. GÖKTUĞ GÜNKAYA

Mode of Delivery	The mode of delivery of this course is face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Recommended Resources	Halem, H. (1996) Glass Notes. Kent: Franklin Mills Press.
Work Placement	Coating experiments will be carried out in the course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction; basics of glass coating	
Week - 2		History of glass coating	
Week - 3		Glass coating parameters	
Week - 4		Basic coating types	
Week - 5		Coating function and shaping elements	
Week - 6		Processes before glass coating	
Week - 7		Coating techniques for artistic applications	
Week - 8		Coating techniques for artistic applications	
Week - 9		Selection factors of suitable glass coating method	
Week - 10		Post glass coating processes	
Week - 11		Artistic coating problems and solution methods	
Week - 12		Artistic coating applications	
Week - 13		Artistic coating applications	
Week - 14		Evaluation of artistic coating applications	

Learning Outcomes

#	Learning Outcome
1	Recognizes applied processes before and after glass coating process.
2	Learns different coating types for glasses.
3	Arranges coating process according to glass surface shape.
4	Describes probable problems about thermal expansion, before and after glass coating.
5	Explain the relationship between the fluidity of the glass coating liquid and the coating property.
6	Interprets the change of the coating property depending on the glass coating parameters.

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.