Course Syllabus

Code - Course Title	**CAM358 - Glass Furnaces**
Course Type	V. SEMESTER
Laboratory + Practice	2+2
ECTS	**4.5**
Language of Instruction	Türkçe
Course Type	Area 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	Kocabağ, D., Cam fırınları, Eskişehir ETAM 2000. Kocabağ, D., Cam fırınları, Eskişehir ETAM 2000. Kocabağ, D., Cam fırınları, Eskişehir ETAM 2000.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to glass kilns	
Week - 2		Energy in glass kilns	
Week - 3		Type of glass kilns: melting pot, tank kilns	
Week - 4		Divisions of tank kilns	
Week - 5		Divisions of tank kilns	
Week - 6		Control Parameters of Kilns	
Week - 7		Control Parameters of Kilns	
Week - 8		Properties of refractories used in glass kilns	
Week - 9		Refractories used in glass kilns	
Week - 10		Heating of glass kilns	
Week - 11		Problems in glass kilns	
Week - 12		Problems in glass kilns	
Week - 13		Design of glass kilns	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Design of glass kilns	

Learning Outcomes

#	Learning Outcome
1	define energy yields in glass kilns
2	list the division of the glass kilns.
3	learn control parameters of glass kilns
4	write properties and type of refractories.

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.