Course Syllabus

Code - Course Title	**CAM461 - Furnace Construction in Glass Studio**
Course Type	VI. 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	Giberson, D. F. (1998) A Glassblower\\\\\\\'s Companian, Firsty Edition, The Joppa Press, Warner, New Hampshire
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to furnace construction in glass studio	
Week - 2		Features of The composite glory hole and The large glory hole	
Week - 3		Features of Core furnace with pot and Ancient Japanese pot furnace	
Week - 4		Features of The Original pot furnace and The 14 kg Giberson pot furnace	
Week - 5		Features of The Original pot furnace and The 14 kg Giberson pot furnace	
Week - 6		Features of The Penland pot furnace and the Ipsen/Peiser pot furnace	
Week - 7		Features of The Labino day tank and The Portland pot tank	
Week - 8		Features of Mexican floating pot and The Giberson invested pot furnace	
Week - 9		Features of The basic can annealer and The Labino frax annealer	
Week - 10		Features of The Haystack roller top and The Giberson front loader	
Week - 11		Features of The Haystack roller top and The Giberson front loader	
Week - 12		Features of multi-use slumper	
Week - 13		Five functional accessories a) Pipe heater b) Electric hot cane pick-up c) Electric garage d) Bit box e) Hanger box	

Learning Outcomes

#	Learning Outcome
1	Defines glass studio furnace types,
2	Explains glass studio furnace specifications
3	Ability to compare glass studio furnace types
4	Expreses glass studio furnace materials
5	Defines glass studio furnace construction steps

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.