Course Syllabus

Code - Course Title	**CAM441 - Techniques of Shaping Hot Glass I**
Course Type	V. SEMESTER
Laboratory + Practice	2+2
ECTS	**4.5**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	ATAKAN EFE TANSEL

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.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		General information about glass and history of glass in Turkey. Video show about art of glassware decorated with spiral stripes or flower designs (Çeşm-i Bülbül) and making process.	
Week - 2		Separation of students to two groups. Presentation of hot glass shaping techniques, hot glass shaping tools, melting furnace and trammel. Encouraging students to take glass from melting furnace. Subject: Paper weight. Giving information about the subject. (Two groups will join together)	
Week - 3		Group A: Presentation of taking glass, first bubble production and glass blowing techniques. Passing to free style hot glass blowing. Transparent core making. Group B: Explaining sand casting technique and presentation of one or three piece mold production.	
Week - 4		Group A: Carrying on blowing studies by team work. Presentation of paper weight technique. Group B: 2D design by choosing appropriate 2D mask or, animal figure or own brands or logos.	
Week - 5		Group A: Paper weight designing by blowing technique. (Team work) Group B: Making models of chosen designs by using clay, molding of models, transforming them to plaster models.	
Week - 6		Group A: Finishing of paper weight designs made by blowing technique. Group B: Hot glass casting by using sand mold.	
Week - 7		Group A: Finishing of paper weight designs made by blowing technique. Group B: Hot glass casting by using sand mold.	
Week - 8		Group B: Explaining sand casting technique and presentation of one or three piece mold making. Group A: Presentation of taking glass, first bubble production and glass blowing techniques. Passing to free style hot glass blowing. Transparent core making.	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 9		Group B: Designing 2D mask, 3D figure or abstract form appropriate to sand casting technique. Group A: Carrying on blowing studies by team work. Presentation of paper weight technique.	
Week - 10		Group B: Making models of chosen designs by using clay, molding of models, transforming them to plaster models. Resinous sand molding of plaster model. Group A: Paper weight designing by blowing technique. (Team work)	
Week - 11		Group B: Casting of hot glass to sand molds. Group B: Finishing of paper weight designs which are made by blowing technique.	
Week - 12		Group B: Casting of hot glass to sand molds. Group B: Finishing of paper weight designs which are made by blowing technique.	
Week - 13		Making last retouches getting ready for presentation by image pictures and sketches.	
Week - 14		General evaluation of the term.	

Learning Outcomes

#	Learning Outcome
1	Will have knowledge about hot glass techniques.
2	Apply the methods of forming the hot glass techniques.

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.