Course Syllabus

Code - Course Title	**CAM425 - Glass Forming at Torch I**
Course Type	VII. SEMESTER
Laboratory + Practice	2+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	ECE TANSEL

Mode of Delivery	The mode of delivery of this course is Face to face
Place of Delivery	On Campus
Used Educational Platforms	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	Dunham, B. S. (2002, 2010). Contemporary Lampworking: A Practical Guide to Shaping Glass in the Flame. Volumes 1–3.
Work Placement	N/A
Aims of the Course	Developing sculpting skills using borosilicate glass rods.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	Introduction to borosilicate glass and material properties	Observation, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 2	**LO-1** **LO-2**	Working with open flames, heating glass, and basic shaping exercises	Observation, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 3	**LO-1** **LO-2**	Basic glass forms and small-scale functional object experiments	Observation, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 4	**LO-1** **LO-2**	Introduction to the art of glass sculpture, analysis of exemplary works, and idea development	Observation, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 5	**LO-1** **LO-2** **LO-3**	Sculpture design, creation of sketches and designs, and commencement of trials	Observation, Demonstration and Practice, Practice/Practical Work/Workshop

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 6	LO-1 LO-2 LO-3	Application of glass forming techniques and production trials	Observation, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 7	LO-1 LO-2 LO-3	Commencement of the production of the designated sculpture work	Demonstration and Practice, Practice/Practical Work/Workshop
Week - 8	LO-1 LO-2 LO-3	Glass sculpture production and the creation of basic forms	Demonstration and Practice, Practice/Practical Work/Workshop
Week - 9	LO-1 LO-2 LO-3	Glass forming and joining applications	Demonstration and Practice, Practice/Practical Work/Workshop
Week - 10	LO-1 LO-2 LO-3	Detailing and formal development of the sculpture	Demonstration and Practice, Practice/Practical Work/Workshop
Week - 11	LO-1 LO-2 LO-3	Continued production of sculpture	Demonstration and Practice, Practice/Practical Work/Workshop
Week - 12	LO-1 LO-2 LO-3 LO-4	Completion of the sculpture and technical corrections	Demonstration and Practice, Practice/Practical Work/Workshop
Week - 13	LO-1 LO-2 LO-3 LO-4	Finishing of glass sculpture and documentation for portfolio	Demonstration and Practice, Practice/Practical Work/Workshop
Week - 14	LO-1 LO-2 LO-3 LO-4	Presentation and evaluation of completed works	Practice/Practical Work/Workshop

Learning Outcomes

#	Learning Outcome
1	The student will be able to shape borosilicate glass through flameworking.
2	The student will be able to create three-dimensional forms using borosilicate glass.
3	The student will be able to develop original glass sculpture designs.
4	The student will be able to produce and complete the glass sculpture they have designed.

Sustainable Development Goals

✓ Quality Education ✓ Partnerships for Purposes

Course Theme

✓ Innovation Skills

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	3.00	14	42
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	2.00	14	28
Ödevler	0.00	0	0
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0.00	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	3.00	14	42
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	3.00	14	42
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**6.0**

Assessment Method and Passing Requirements

✓ Performance Assessment (Individual/Panel-Based) ✓ Project ✓ Presentation