Course Syllabus

Code - Course Title	**CAM523 - Applications of Functional Glasses I**
Course Type	I. SEMESTER
Laboratory + Practice	2+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇENT MEHMET AYDIN

Mode of Delivery	The delivery mode for 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	Functional Glasses and Glass-Ceramics: Processing, Properties and Applications, Basudeb Karmakar, Oxford, United Kingdom : Elsevier Ltd. : Butterworth-Heinemann, [2017].
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		To discuss ideas, innovations and techniques connected to glass design by using power point presentations about new designs.	
Week - 2		SUBJECT: Brand design, two pair utility good. Product + logo + package	
Week - 3		Developing idea about the design which is reflecting product identity, concept and novelty (concept & innovation)	
Week - 4		Discussions, comments about design of new brand, evaluation of hints about design, discussing standard and limiting norms (like TSE-CE)	
Week - 5		SUBJECT : Seminar Homework 1- Limitations in the glass enterprises 2- Investigation of a design from the point of ergonomics 3- Choosing one of the given topics about the design studios and preparing a seminar work about the topic.	
Week - 6		Evaluation of sketches about design, forming visual illustrations, solving problems and getting ready for technical drawing.	
Week - 7		Drawing technical projects and forming visual illustration of design.	
Week - 8		Drawing technical projects and forming visual illustration of design.	
Week - 9		Studies about model making techniques of designs.	
Week - 10		Making of prototype models and starting molding works.	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 11		Molding works oriented to ceramic biscuits-plaster-metal molds taken from models by choosing the proper technique like blowing, fusion, furnace casting.	
Week - 12		Molding works oriented to ceramic biscuits-plaster-metal molds taken from models by choosing the proper technique like blowing, fusion, furnace casting.	
Week - 13		Presenting works in the format of exhibition.	
Week - 14		General evaluation of the term.	

Learning Outcomes

#	Learning Outcome
1	Will learn the stages and methods of art project which is proposed.
2	Being sufficient to evaluate the designs by comparing them with the functional glass designs that are being applied in the world.
3	Will present application project to jury.

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.