Course Syllabus

Code - Course Title	**GTÜ406 - Paper Treatment (Ahar), Murakka Making**
Course Type	VIII. SEMESTER
Laboratory + Practice	3+1
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	ARAŞ. GÖR. DÜRDANE TAŞOĞLU

Mode of Delivery	This course is conducted solely through face-to-face instruction.
Prerequisites	There is no prerequisite or co-requisite for this course
Courses Recomended	There are no other courses recommended in connection with this course.
Recommended Resources	-
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to paper sizing, ahar and murakka concepts, historical process	
Week - 2		Traditional paper types and chemical/physical properties of raw paper	
Week - 3		/ Paper dyeing techniques: Tea, coffee, onion skin, and natural dyes	
Week - 4		Paper sizing: Preparation before burnishing with starch and alum	
Week - 5		Introduction to ahar materials and egg ahar preparation techniques	
Week - 6		Preparation of starch ahar and applying ahar to the paper surface with a brush	
Week - 7		Midterm Exam (Studio Practice)	
Week - 8		Introduction to desteseng (hand stone) and burnishing (mühre) tools	
Week - 9		Burnishing the sized paper and resting processes	
Week - 10		Introduction to pasteboard (murakka) making: Preparation of traditional adhesives	
Week - 11		Stretching murakka in various thicknesses and paper pasting techniques I	
Week - 12		Stretching murakka in various thicknesses and paper pasting techniques II	
Week - 13		Quality control of sized papers and pasteboards for calligraphy and illumination	
Week - 14		End of term project (paper and pasteboard) submission and studio critique	

Learning Outcomes

#	Learning Outcome
1	It explains the aesthetic significance of paper treatment, sizing, and murakka making within the history of traditional handicrafts and manuscript art.
2	Prepares traditional sizing mixtures (egg and starch) to reduce the absorbency of the raw paper and impart a glossy finish to the surface.
3	Applies techniques for coloring paper with natural dyes, applying ahar wipe on and burnishing with a desteseng (mühre) in a workshop setting, in accordance with the proper methods.
4	Prepares the traditional adhesives (such as muhallebi) required for the arts of calligraphy and illumination, and mounts murakka (traditional cardboard) in accordance with the proper technique.
5	By learning traditional methods of substrate preparation and paper production, the student masters the theory of materials required for the restoration and conservation of manuscripts.

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.