Course Syllabus

Code - Course Title	**TRS301 - Restoration and Conservation Techniques**
Course Type	V. SEMESTER
Laboratory + Practice	2+2
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	PROF. DR. YUSUF POLAT

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	Ahunbay, Z. (2018) Tarihi Çevre Koruma ve Restorasyon, YEM Yay.Cronyn, J. M. (1990). The Elements of Archaeological Conservation. Routledge.Erder, C. (1999) Tarihi Çevre Kaygısı, ODTÜ Yay.Ökse, T.A.(2002) Arkeolojik Çalışmalarda Seramik Değerlendirme Yöntemleri.Arkeoloji ve Sanat Yayınları.ICCROM (International Centre for the Study of the Preservation and Restoration of Cultural Property):Web sitesinde (iccrom.org) yer alan açık erişimli e-kitaplar ve saha çalışma el kitapları (First Aid to Cultural Heritage in Times of Crisis, depolama rehberleri vb.).Getty Conservation Institute (GCI):Research in Conservation serisi. Özellikle mozaik koruma, duvar resimleri ve kerpiç/taş korumasına dair yayınlanan PDF rehberler (getty.edu/conservation).ICOMOS (International Council on Monuments and Sites):
Work Placement	N/A
Aims of the Course	The objective is to determine the causes of deterioration of movable and immovable cultural assets obtained through archaeological excavations and surface surveys, to comprehend the principles of conservation and restoration according to material types, and to address the techniques applied in this process through a holistic approach in accordance with contemporary and international standards.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	The Objective of the Course and the definition of the terms restoration and conservation	Lecture, Practice/Practical Work/Workshop
Week - 2	**LO-2**	Symbol, scale, tools and equipments of drawing.	Lecture, Observation, Question & Answer
Week - 3	**LO-2**	Drawing of an excavation area including drawings of section, general and pre-excavation plans.	Lecture, Observation, Question & Answer
Week - 4	**LO-2** **LO-3**	Drawing of an excavation area: front wiev, drawing of plan, drawing of section.	Lecture, Observation, Question & Answer

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 5	LO-2	Applications on ceramic works.	Lecture, Observation, Practice/Practical Work/Workshop
Week - 6	LO-1 LO-2 LO-3	The history of ancient mosaics.	Lecture
Week - 7	LO-1 LO-2 LO-3	Drawing applications.	Lecture, Question & Answer
Week - 8	LO-2 LO-3	Causes of deterioration and conservation of stone artifacts.	Lecture, Question & Answer
Week - 9	LO-2 LO-3	mid-term exam.	Lecture, Question & Answer, Practice/Practical Work/Workshop
Week - 10	LO-2 LO-3	mid-term exam.	Lecture, Observation, Practice/Practical Work/Workshop
Week - 11	LO-2 LO-3	Profile drawing techniques.	Lecture, Practice/Practical Work/Workshop
Week - 12	LO-2 LO-3	Classification: Based on technical features, function groups, production periods, and classification of style of production.	Lecture, Observation, Question & Answer
Week - 13	LO-2 LO-3	Ceramic typology: Forms of vessels, style of body, according to mouth parts vessel typology.	Lecture, Observation, Question & Answer, Practice/Practical Work/Workshop
Week - 14	LO-2 LO-3	Ceramic typology: Forms of vessels, style of body, according to mouth parts vessel typology.	Lecture, Observation, Question & Answer, Practice/Practical Work/Workshop

Learning Outcomes

#	Learning Outcome
1	Explains international conservation charters (Venice Charter, ICOMOS principles, etc.) and fundamental ethical principles in conservation (reversibility, respect for authenticity, minimum intervention) and reflects them in practical applications.
2	It analyzes the physicochemical degradation processes of stone, ceramic, metal, glass, and organic artifacts related to environmental conditions (humidity, temperature, salt, etc.) and identifies the causes of degradation.
3	Plans the initial intervention (in situ conservation, lifting techniques, emergency measures) for fragile finds uncovered at the excavation site, and carries out the cleaning, stabilization, and reconstruction stages in the laboratory.
4	It documents the condition of the work before, during, and after conservation (drawing, photogrammetry, condition report); it integrates basic archaeometric analysis methods into the process to understand material properties.

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Educational Sciences and Educational Technologies ✓ Sustainability and Green Energy ✓ Innovation Skills

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	2.00	14	28
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	4.00	14	56
Ödevler	0.00	0	0
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	20.00	1	20
Final Sınavı Hazırlığı (sınav süresi dahil)	25.00	1	25
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	2.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**5.0**

Assessment Method and Passing Requirements

✓ Open-Ended Test

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**