Course Syllabus

Code - Course Title	**MUH611 - Auditing in Information Technology Environment**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. HALİL CEM SAYIN

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		Computer Technology	
Week - 2		Traditional Audit Process	
Week - 3		Audit approach in Electronic Data Processing (EDP) Environment	
Week - 4		EDP Systems	
Week - 5		The effect of EDP on internal control	
Week - 6		Internal control in an EDP Environment- Case Study	
Week - 7		Generals controls	
Week - 8		Applications controls	
Week - 9		The audit process in an EDP environment	
Week - 10		Computer Assisted Audit Techniques I	
Week - 11		Computer Assisted Audit Techniques II	
Week - 12		Computer Assisted Audit Techniques Case Studies	
Week - 13		Expert systems, Neural Networks and AI	
Week - 14		Case Study	

Learning Outcomes

#	Learning Outcome
1	can describe the relationship/connection between the computer technology and audit process
2	will have understanding of audit approach in Electronic Data Processing (EDP) Environment
3	can explain the relationship between EDP(electronic data processing) and internal control
4	can describe General Controls and Application Controls
5	will have understanding of computer assisted audit 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.

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