Course Syllabus

Code - Course Title	**İLT557 - Social Network Analysis**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. DENİZ KARAGÖZ

Mode of Delivery	Distance learning
Prerequisites	-
Courses Recomended	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to Network Science	
Week - 2		Basic Concepts of Social Networking	
Week - 3		Visualization of networks as graphs, sets and matrices	
Week - 4		Network Types	
Week - 5		Descriptive Network Analysis (Density, Centrality measures)	
Week - 6		Network Communities, Network Structure and Visualization	
Week - 7		Innovation Distribution	
Week - 8		Data Ethics	
Week - 9		Collecting Social Network Data	
Week - 10		Analysis I	
Week - 11		Analysis II	
Week - 12		Analysis III	
Week - 13		Midterm Exam	
Week - 14		Final exam	

Learning Outcomes

#	Learning Outcome
1	Explains network concepts
2	To define social network analysis concepts (nodes, neighborhood matrices, etc.) and network models
3	To define and apply centrality measures

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 (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**