Course Syllabus

Code - Course Title	**VBA306 - Decision Support Systems**
Course Type	VI. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	İngilizce
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ ÖNDER DORAK

Mode of Delivery	Face to face

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Decision Making Process: Intelligence and design phases	
Week - 2		Choice phases of decision making	
Week - 3		Bounded rationality and cognitive biases	
Week - 4		DSS Architectures: Integrating data and models	
Week - 5		User interface subsystems	
Week - 6		Designing knowledge-based systems	
Week - 7		Executive Information Systems overview	
Week - 8		Developing intuitive management dashboards	
Week - 9		Conducting Online Analytical Processing (OLAP)	
Week - 10		Performing robust scenario analysis	
Week - 11		Specialized Systems: Group support systems	
Week - 12		Geographic information systems (GIS) for decision making	
Week - 13		Integrating AI into strategic planning	
Week - 14		Future trends in Decision Support	

Learning Outcomes

#	Learning Outcome
1	Model phases of intelligence and choice in decision making
2	Design knowledge-based integration architectures

Learning Outcomes

#	Learning Outcome
3	Develop intuitive executive management dashboards
4	Integrate GIS and AI into strategic organizational planning

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.