Course Syllabus

Code - Course Title	**YBS402U -**
Course Type	II. SEMESTER
Laboratory + Practice	0+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	ASSIST. PROF. DR. MAHMUT ATLAS

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Operations Research, Systems Analysis
Recommended Resources	T.C. ANADOLU ÜNİVERSİTESİ YAYINI NO: 3458 AÇIKÖĞRETİM FAKÜLTESİ YAYINI NO: 2306 (AÖF KİTABI) Öztürk, A., "Yöneylem Araştırması", Ekin yayınevi, 16. Bankı, 2016, Bursa,Taha, H.A., "Operations Research" Prentice-Hall İnternational, İnc. Sixth Edition, 1997
Work Placement	Internship is not suitable for this course

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Decision Support Systems: Basic concepts	
Week - 2		Decision Support Systems: Basic concepts and classification	
Week - 3		Multi-Crieteria Decision Making and Multi-Objective Programming	
Week - 4		Multi-Crieteria Decision Making and Multi-Objective Programming	
Week - 5		Decision Support Systems Development Function Table Programming	
Week - 6		Founction table while Modelling and Optimization	
Week - 7		Midterm Exam	
Week - 8		Orientation of Optimization Decision Support Systems	
Week - 9		Orientation of Optimization Decision Support Systems	
Week - 10		Orientation of Data Decision Support Systems and Analytic Systems	
Week - 11		Orientation of Data Decision Support Systems and Analytic Systems	
Week - 12		Basic of Simulations Decision Support Systems	
Week - 13		Intelligent Decision Support Systems	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	Describes the process of decision making.
2	Make of Multi-Crieteria Decision Making and Multi-Objective Programming
3	Make of Decision Support Systems Development Function Table Programming
4	Use of Founction table while Modelling and Optimization
5	Use of Optimization and Data Decision Support Systems
6	Use of Simulations and Intelligent Decision Support Systems

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	30
Final Exam	1	70
	Sum (%)	**100**