Course Syllabus

Code - Course Title	**UZE585 - Artificial Intelligence Applications in Distance Education**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. MUHAMMET RECEP OKUR

Mode of Delivery	Face to face
Prerequisites	None
Courses Recomended	None
Recommended Resources	Recommended reading Luckin, R. (2018). Machine Learning and Human Intelligence: The Future of Education for the 21st Century.Holmes, W., Bialik, M., & Fadel, C. (2019). Artificial Intelligence in Education: Promises and Implications for Teaching and Learning.
Work Placement	None

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to artificial intelligence: Definitions, history, and basic concepts	
Week - 2		The place and importance of artificial intelligence in distance education	
Week - 3		Introduction to personalized learning systems	
Week - 4		Artificial intelligence-supported personalized learning applications	
Week - 5		Automatic assessment systems: Exam, homework and performance tracking	
Week - 6		Feedback mechanisms and AI-based feedback tools	
Week - 7		Learning interaction with virtual teachers and chatbots	
Week - 8		Ethical and security issues: AI, data privacy, and bias	
Week - 9		Smart educational tools and virtual teachers	
Week - 10		Chatbots and interactive learning systems	
Week - 11		Applied Project Development	
Week - 12		Applied Project Development	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Project Presentations and General Evaluation	
Week - 14		Project Presentations and General Evaluation	

Learning Outcomes

#	Learning Outcome
1	Will be able to explain the basic principles of artificial intelligence
2	Will be able to explain individualized education systems supported by artificial intelligence
3	Will be able to discuss the principles of ethical use of artificial intelligence in education.

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**