Course Syllabus

Code - Course Title	**ETE532 - Artificial Intelligence Applications in Teaching**
Course Type	II. 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	Online
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

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to artificial intelligence: Definitions and basic principles	
Week - 2		The role and history of artificial intelligence in education	
Week - 3		An overview of personalized learning systems	
Week - 4		AI-powered adaptive learning environments	
Week - 5		Automatic evaluation systems	
Week - 6		Feedback systems	
Week - 7		Learning interaction with virtual teachers and chatbots	
Week - 8		Ethical and security issues: Data privacy and bias	
Week - 9		Learning analytics and AI integration	
Week - 10		Use of AI-based teaching tools in the classroom	
Week - 11		Applied Project Development	
Week - 12		Applied Project Development	
Week - 13		Project Presentations and General Evaluation	

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Weeks	Learning Outcomes	Topics	Teaching Methods
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 personalized learning 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.