Course Syllabus

Code - Course Title	**YPZ202 - Applications of Artificial Intelligence**
Course Type	IV. SEMESTER
Laboratory + Practice	2+1
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ SEMA ÜNLÜER

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction and establishment of course rules	
Week - 2	**LO-1** **LO-2**	Definition of artificial intelligence, distinction between intelligence and artificial intelligence	
Week - 3		Usage Areas and Sub-Dimensions of Artificial Intelligence	
Week - 4		Healthcare systems, Education, E-commerce, Security systems, Recommendation systems	
Week - 5		Generative artificial intelligence tools	
Week - 6		Generative artificial intelligence tools	
Week - 7		Artificial Intelligence and Ethics	
Week - 8		Big data and ethics	
Week - 9		Data mining and ethics	
Week - 10		Importance of Artificial Intelligence	
Week - 11		Block Based Development Environments	
Week - 12		Block Based Development Environments	
Week - 13		Block Based Sample Project Development	
Week - 14		Project Presentations and Evaluation	

Learning Outcomes

#	Learning Outcome
1	Explain the concept of Artificial Intelligence.

Learning Outcomes

#	Learning Outcome
2	Will be able to explain the usage areas of artificial intelligence.
3	Will be able to explain the sub-dimensions of artificial intelligence.
4	Will be able to explain the basic concepts of ethics in Artificial Intelligence applications.
5	Will be able to develop online block-based environments.

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	2.00	14	28
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	1.00	10	10
Ödevler	1.00	5	5
Proje - Rapor - Sunum Hazırlama	3.00	5	15
Ara Sınav Hazırlığı (sınav süresi dahil)	3.00	1	3
Final Sınavı Hazırlığı (sınav süresi dahil)	6.00	1	6
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	1.00	14	14
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**3.0**

Assessment Method and Passing Requirements

No content has been provided.