Course Syllabus

Code - Course Title	**YPZ286 - Artificial Intelligence Literacy**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ EMEL GÜLER

Mode of Delivery	Online
Prerequisites	Participants are expected to have a basic level of digital literacy.
Courses Recomended	-
Recommended Resources	Learning resources will be shared during the course.
Work Placement	There is no internship/practice activity within the scope of our course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Concepts of Artificial Intelligence	
Week - 2		Generative AI Ecosystem	
Week - 3		Effective Communication: The Basics of Writing Prompts	
Week - 4		Prompt Engineering and Advanced Scenarios	
Week - 5		Virtual Assistants in Daily and Academic Life	
Week - 6		AI-Powered Productivity and Text Generation	
Week - 7		Visual Design with Generative AI	
Week - 8		Audio and Video Tools with Generative AI	
Week - 9		Data Verification, Ethics and Security	
Week - 10		Examples of Artificial Intelligence Use in Different Disciplines	
Week - 11		Personalized Learning with Artificial Intelligence	
Week - 12		Artificial Intelligence and Future Trends	
Week - 13		Project Presentations	
Week - 14		Project Presentations	

Learning Outcomes

#	Learning Outcome
1	Explains the fundamental concepts, working principles, and historical development of artificial intelligence and generative AI technologies.
2	Creates effective prompts to obtain appropriate, accurate, and efficient results from generative AI tools.
3	Produces original digital content for various disciplines using visual, auditory, and text-based generative AI tools.
4	Designs how to integrate virtual assistants, chatbots, and gamification components into individual and professional processes.
5	Critically evaluates the outputs produced by AI systems in terms of accuracy, copyright, bias, data privacy, and ethical dimensions.
6	Develops a comprehensive term project using generative AI tools to solve a problem in their discipline (or in daily life).

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.