Course Syllabus

Code - Course Title	**SOS581 - Artificial Intelligence, Society and Transformation**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. EMRE GÖKALP

Mode of Delivery	Face to face
Prerequisites	There are no prerequisites for this course.
Courses Recomended	-
Recommended Resources	Airoldi, Massimo (2022) Machine Habitus. Toward a Sociology of AlgorithmsJoyce, Kelly & Taylor Cruz (2024) A Sociology of Artificial Intelligence: Inequalities, Power, and Data JusticeSchuilenburg, Marc & Rik Peeters (2021) The Algorithmic Society: Technology, Power, and Knowledge Graf, Alexis (2023) Yapay Zekâ. Dijital Hayalet, Ankara: Gece Kitaplığı.Reese, Byron (2020) Yapay Zekâ Çağı, İstanbul: Say Yayınları.Kücükcan, B ve Yıldırım, B. F. (2023) Yapay Zekâ: Disiplenlerarası Yaklaşımlar, İstanbul: Vakıfbank Kültür yayınlarıDyer-Witheford, N. A. Mikkola Kjøsen ve J. Steinhoff (2022) Yapay Zekâ ve Kapitalizmin Geleceği. İnsandışı Bir Güç, İstanbul: İletişim.Tegmark, M. (2017) Yaşam 3.0 Yapay Zekâ Çağında İnsan Olmak, İstanbul: Pegasus Yayınları, 2021.Acemoğlu, D. (2022) Yapay Zekâyı Yeniden Tasarlamak, Ankara: Efil Yayınevi
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction	
Week - 2		Technology and Society: Digital Technologies and the Digital Society	
Week - 3		Dijital Kapitalizm ve Tekno-Feodalizm	
Week - 4		The Historical Development of Artificial Intelligence (AI) and Fundamental Concepts;	
Week - 5		Generative Artificial Intelligence; Big Data, Algorithms, and Algorithmic Bias	
Week - 6		The Socio-Economic Impacts of Artificial Intelligence: Artificial Intelligence, Automation and Working Life	
Week - 7		Mid-Term Exam	
Week - 8		Regulation of Artificial Intelligence, Artificial Intelligence and Ethics	
Week - 9		Responsible AI, , and Governance	
Week - 10		Artificial Intelligence: Social and Digital Inequalities	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 11		Artificial Intelligence, Surveillance and Privacy	
Week - 12		Artificial Intelligence, Politics, and Democracy	
Week - 13		The Use of Artificial Intelligence in Sociological Research	
Week - 14		The Future of Artificial Intelligence: Opportunities, Threats and Dangers	

Learning Outcomes

#	Learning Outcome
1	will be able to evaluate the relationship between technology and society, especially the relationship between digital technologies and digital society within the framework of different theoretical approaches.
2	Will be able to analyze the development and the transformation of artificial intelligence over the years.
3	Will be able to examine the effects of Artificial Intelligence technologies on working life.
4	Will be able to explain the relationship between Artificial Intelligence and social inequalities.
5	Will be able to discuss the issues of Artificial Intelligence, surveillance and privacy.
6	Will be able to analyse the effects of Artificial Intelligence on politics and democracy.

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.