

**SYLLABUS**  
**Faculty of Law**

Course Code	Course Title		Credits	ECTS Value	
Law 371	Artificial Intelligence Law		2 (2-1-3)	3	
Prerequisite Courses:	None				
Course Language:	Turkish	Course Delivery Mode:		Face to Face	
Course Type and Level:	HLA-302 Area Elective IV/ 3 <sup>rd</sup> Year/ Spring Semester/ Certificate-awarding lecture				
Instructor's Title, Name, and Surname		Course Hours	Office Hours	Contact	
Asst. Prof. Dr. Özge Demirdelen		Thursday 14.10-15.40	Monday, Tuesday, Friday 09.00-12.20 and 13.20-15.20	ozgedemirdelen@cag.ed u.tr	
Course Coordinator:	Asst. Prof. Dr. Özge Demirdelen				
Course Objectives					
Course Learning Outcomes	Upon successful completion of this course, the student will be able to;			Relations	
				Program Outcomes	Net Contribution
	1	analyzes fundamental concepts related to artificial intelligence, digital transformation, and law.	PO1, PO2, PO4	5, 4, 5	
	2	interprets the interaction between artificial intelligence, digital transformation, and the legal system.	PO2, PO5	4, 4	
	3	explains the relationship between digital transformation, AI technologies, and law through national and international examples; evaluates the emerging roles of legal professionals.	PO1, PO2, PO5, PO7	5, 4, 4, 5	
	4	establishes connections among key concepts related to digital transformation processes.	PO2, PO4, PO6	4, 5, 4	
	5	(optional/outcome statement) receives a certificate upon successful completion of the course (Note: This is a course result, not a direct learning outcome. It can be removed or restructured).	PO6, PO8	3, 3 (assumption)	
	6	compares approaches to digital transformation and artificial intelligence across different disciplines.	PO1, PO5, PO6	5, 5, 5	
Course Content:	This course aims to explore the legal dimensions of artificial intelligence technologies in the age of digital transition, to discuss the evolving roles of legal professionals in this field, and to evaluate the impact of AI-based systems on national and international law.				
Course Schedule (Weekly Plan)					
Week	Topic		Preparation		Teaching Methods and Techniques
1	Introduction -Overview of the Course and Its Significance -Explanation of the Clinical Method and Its Application in Legal Education -Identifying Students' Areas of Interest and Expectations -In-depth Examination of the Concepts of Digital Transition and Artificial Intelligence		Relevant sections from lecture notes and other resources		Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), opening lecture
2	-Contribution of Digital Transition to the Economy, Environment, and Society -Examples of Digital Transition Worldwide and		Relevant sections from lecture notes and other resources		Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6)

	<b>in Türkiye -Strategic Documents and Their Implementation -Risks and Opportunities of the 21<sup>st</sup> Century</b>		
3	<b>Digital Transition Process in Türkiye</b> -National Artificial Intelligence Strategy (2021-2025) -Presidential Digital Transformation Office -Digital Türkiye Roadmap -Türkiye's Competence in Industrial Digital Transformation -Competence and Digital Transition Centers -National Technology Initiative -National Artificial Intelligence Strategy -Digital Transition Policies and Legal Framework in Türkiye	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
4	<b>Historical Development of Digitalization in Law</b> -Classification and Technical Structure of Artificial Intelligence -Intersection Points of Artificial Intelligence and Law -Interdisciplinary Approach: Engineering and Law	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
5	<b>Historical Development of Digitalization in Law</b> -Classification and Technical Structure of Artificial Intelligence -Intersection Points of Artificial Intelligence and Law (continued) -Artificial Intelligence, Discrimination, and Algorithmic Fairness	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
6	<b>Regulatory Agenda</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
7	<b>-European Union's Artificial Intelligence Regulations</b> <b>-Data Protection, GDPR, PDPL, and Artificial Intelligence Systems</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
8	<b>Artificial Intelligence and Intellectual Property</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
9	<b>Artificial Intelligence and Liability Law</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6), guest speakers, panels, workshops, and in-class certified training sessions
10	<b>Artificial Intelligence and Contract Law</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6), guest speakers, panels, workshops, and in-class certified training sessions
11	<b>Use of Artificial Intelligence in Judicial Processes</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6), guest

		resources	speakers, panels, workshops, and in-class certified training sessions
12	<b>-Interdisciplinary Approach: Engineering, Ethics, and Law</b> <b>-Ethical and Philosophical Discussions</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6), guest speakers, panels, workshops, and in-class certified training sessions
13	<b>Examination of the Judicial Reform Strategy Document and Reflections of Digital Transition</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6), guest speakers, panels, workshops, and in-class certified training sessions
14	<b>The Role of the Legal Professional: Psychodrama/Role-Playing Practice</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
15	<b>Future Perspective: The Digital Evolution of Law</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
16	<b>General Evaluation, Certificate Preparation, Portfolio Presentation</b>	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6), guest speakers, panels, workshops, and in-class certified training sessions
17	<b>Final Exam</b>	-	-
18	<b>Final Exam</b>	-	-

#### Course Resources

<b>Textbook:</b>	<p><b>Course materials will be shared with students every week.</b></p> <p><b>Websites:</b>          Ders materyalleri her hafta öğrenci ile paylaşılacaktır.          İnternet Siteleri:  <a href="https://aiforgood.itu.int/">https://aiforgood.itu.int/</a>  <a href="https://sdgs.un.org/goals">https://sdgs.un.org/goals</a>  <a href="https://sdg.iisd.org/news/experts-discuss-role-of-ai-in-supporting-biodiversity-conservation/">https://sdg.iisd.org/news/experts-discuss-role-of-ai-in-supporting-biodiversity-conservation/</a>  <a href="https://www.un.org/sustainabledevelopment/sustainable-development-goals/">https://www.un.org/sustainabledevelopment/sustainable-development-goals/</a>  <a href="https://www.undp.org/sustainable-development-goals">https://www.undp.org/sustainable-development-goals</a>  <a href="https://turkiye.un.org/tr/264412-bm-genel-kurulunun-tarihi-yapay-zeka-karar%C4%B1">https://turkiye.un.org/tr/264412-bm-genel-kurulunun-tarihi-yapay-zeka-karar%C4%B1</a>  <a href="https://www.globalgoals.org/">https://www.globalgoals.org/</a>  <a href="https://unfoundation.org/what-we-do/issues/sustainable-development-goals/">https://unfoundation.org/what-we-do/issues/sustainable-development-goals/</a>  <a href="https://en.unesco.org/sustainabledevelopmentgoals">https://en.unesco.org/sustainabledevelopmentgoals</a>  <a href="https://www.unicef.org/sustainable-development-goals">https://www.unicef.org/sustainable-development-goals</a>  <a href="https://unglobalcompact.org/sdgs/about">https://unglobalcompact.org/sdgs/about</a>  <a href="https://turkiye.un.org/en/sdgs">https://turkiye.un.org/en/sdgs</a>  <a href="https://commission.europa.eu/strategy-and-policy/sustainable-development-goals_en">https://commission.europa.eu/strategy-and-policy/sustainable-development-goals_en</a>  <a href="https://www.who.int/europe/about-us/our-work/sustainable-development-goals">https://www.who.int/europe/about-us/our-work/sustainable-development-goals</a>  <a href="https://www.echr.coe.int/documents/d/echr/c_onvention_tur">https://www.echr.coe.int/documents/d/echr/c_onvention_tur</a>  <a href="https://policy.trade.ec.europa.eu/eu-traderelationships-country-and-">https://policy.trade.ec.europa.eu/eu-traderelationships-country-and-</a></p>
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region/countries-andregions/ turkiye\_en  
<https://www.resmigazete.gov.tr/ eskiler/2022/09/20220904M1-1.pdf>  
<https://www.resmigazete.gov.tr/eskiler/2024/07/20240726-19.htm>  
<https://www.tubisad.org.tr/tr/images/pdf/DDE-2022Raporu-Final.pdf>  
<https://www.weforum.org/agenda/2022/05/how-digital-solutions-can-reduce-globalemissions/>  
<https://initiatives.weforum.org/digital-transformation/digitalsolutions-explorer>  
[https://www.cerkezkoytso.org.tr/uploads/docs/yesil\\_sanayi\\_politikasi\(1\).pdf](https://www.cerkezkoytso.org.tr/uploads/docs/yesil_sanayi_politikasi(1).pdf)  
<https://webdosya.csb.gov.tr/db/cygm/icerikler/yed-nc--ulusal-b-ld-r-m-20190909092640.pdf>  
<https://www.sanayi.gov.tr/anasayfa>  
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<https://www.sanayi.gov.tr/plan-program-raporlar-ve-yayinlar/strateji-belgeleri>  
<https://www.sanayi.gov.tr/mevzuat/genelge>  
<https://www.sanayi.gov.tr/anlasmalar/ykta/a11601>  
[https://edergi.sanayi.gov.tr/File/Journal/2025/1/1\\_2025.pdf](https://edergi.sanayi.gov.tr/File/Journal/2025/1/1_2025.pdf)  
<https://ticaret.gov.tr/data/60f1200013b876eb28421b23/MUTABAKAT%20YEŞİL.pdf>  
<https://ikizdonusum.sanayi.gov.tr/#>  
<https://turkiye.un.org/tr/239867-guterres-%E2%80%9Cbizi-birbirimizden-daha-dauzakla%C5%9Ft%C4%B1ran-de%C4%9Fil-sosyal-dijital-ve-ekonomik-u%C3%A7urumlar>  
<https://www.csgb.gov.tr/Media/jcrbypmy/ilo-yeşil-işler-değerlendirme-modelinin-türkiye-yeuygulaması.pdf>  
<https://rm.coe.int/1680afae3c>  
<https://www.coe.int/en/web/portal/-/council-of-europe-opens-first-ever-global-treaty-on-ai-for-signature>  
<https://rm.coe.int/brochure-artificial-intelligence-en-march-2023-print/1680aab8e6>

#### Recommended References:

Ergin Ergül, **Yapay Zekâ ve Hukuk**, Adalet, 2. Baskı, 2025.  
 Avrupa Konseyi, **Yapay Zekâ ve İnsan Hakları, Demokrasi ve Hukukun Üstünlüğü Çerçeve Sözleşmesi**, 2024.  
 Şerafettin Ekici, **Bilişim ve Teknoloji Hukuku**, Seçkin, 3. Baskı, 2024.  
 Kemal Gözler, **İnsan Hakları Hukukuna Giriş**, Ekin, Ağustos 2023.  
 Erdem Büyüksağış, **Hukuk Perspektifinden Yapay Zekâ**, On İki Levha Yayıncılık, 1. Baskı, 2022.  
 David Harris, Michael O'Boyle, Ed Bates ve Carla Buckley, **Avrupa İnsan Hakları Sözleşmesi Hukuku**, On İki Levha Yayıncılık, 2022.  
 H. G. Wells, **İnsan Hakları**, Can, 2021 Ağustos.  
 Murat Volkan Dülger, **Bilişim, Kişisel Verilerin Korunması ve İnternet İletişimi Mevzuatı**, Seçkin, 7. Baskı, 2021.  
 Eylem Aksoy Retornaz ve Osman Gazi Güçlütürk, **Gelişen Teknolojiler ve Hukuk II: Yapay Zekâ**, 1. Baskı, 2021.  
 Murat Volkan Dülger, **Kişisel Verilerin Korunması Hukuku**, Hukuk Akademisi Yayınları, 3. Baskı, 2020.  
 Johan Galtung, **İnsan Hakları**, Metis, 2018 Eylül.  
 Meltem Sarıbeyoğlu Skalar, **Uluslararası Hukuk ve Sürdürülebilir Kalkınma**, Beta, 2015.  
**Orta Vadeli Program 2023-2025.**  
 TÜBİSAD, **Türkiye'nin Dijital Dönüşüm Endeksi**, 2022.  
 World Economic Forum, **Digital Solutions Could Reduce Global Emissions by up to %20**, 2023.  
 World Economic Forum, **Digital Solutions Explorer**, 2023.

#### Course Assessment and Evaluation

Activities	Number	Percentile	Notes
Midterm Exam	-	-	There is no midterm exam in this course. Students' continuous assessment is based on quizzes (20%), assignments (10%), and discussion performance (10%), totaling 40%. Class attendance contributes an additional 10 points to the overall grade average.
Quiz	4	%20	Fundamental knowledge, understanding, and analytical skills (CLO1, CLO2).
Assignment	2	%10	Individual research, legal understanding, and evaluation (CLO3, CLO4).

<b>Performance in Discussions</b>	2	%10	Expression, communication, and interpretation skills (CLO5, PLO10, PLO11).
<b>Portfolio</b>	1	Max. 5 points	The portfolio is considered as supporting documentation for the final exam performance. Students are required to submit a portfolio that includes the work they have completed throughout the semester. While the portfolio does not receive an independent grade, it is taken into account as a supplementary component that supports the final exam performance and contributes to the student's overall success.
<b>Final</b>	1	%60	General knowledge and analytical skills (All CLOs). Class participation adds 10 points to the overall grade average. The final exam accounts for 60% of the total grade and evaluates the student's knowledge, analytical thinking, and interpretation skills acquired throughout the semester.

**ECTS Table**

<b>Content</b>	<b>Number</b>	<b>Hours</b>	<b>Total</b>
<b>Course Duration</b>	14	2	28
<b>Out-of-Class Study</b>	14	2	28
<b>Quiz</b>	4	2	8
<b>Assignment</b>	2	4	8
<b>Performance in Discussions and Presentations</b>	2	2	4
<b>Midterm Exam (Midterm Exam Duration + Midterm Exam Preparation)</b>	1	14	14
<b>Class Participation/Portfolio</b>	1	8	8
<b>Total:</b>			98
<b>Total / 30:</b>			98 / 30
<b>ECTS Credit:</b>			3,26=3