

SYLLABUS
Faculty of Law

Course Code	Course Title		Credits	ECTS Value	
Law 378	Twin Transition and Law		2 (2-1-3)	3	
Prerequisite Courses:	None				
Course Language:	Turkish	Course Delivery Mode:		Face to Face	
Course Type and Level:	HLA-304 Area Elective VI/ 3 rd Year/ Spring Semester/ Certificate-awarding lecture				
Instructor's Title, Name, and Surname		Course Hours	Office Hours	Contact	
Asst. Prof. Dr. Özge Demirdelen		Wednesday 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 the fundamental concepts related to twin transition and law.	PO1, PO2, PO4	5, 4, 5	
	2	interprets the interaction between digital and green transitions.	PO2, PO5	4, 4	
	3	explains the relationship between twin transition and law through global examples; evaluates the different roles of legal professionals using psychodrama.	PO1, PO2, PO5, PO7	5, 4, 4, 5	
	4	establishes connections among concepts related to twin transition processes.	PO2, PO4, PO6	4, 5, 4	
	5	compares approaches to twin transition across different disciplines.	PO6, PO8	3, 3 (assumption)	
	6	(optional/additional outcome) receives a certificate upon successful completion of the course (Note: This is an outcome of the course, not a direct learning outcome. it can be removed or rephrased if needed).	PO1, PO5, PO6	5, 5, 5	
Course Content:	This course aims to provide a comprehensive perspective on addressing issues such as digitalization, sustainable development, climate change, and social transition within a legal framework, and to foster an understanding of the integration between law and transition processes. Students analyze the impacts of the twin transition on law and study national and international regulations related to digital and environmental transitions. Furthermore, by discussing legal perspectives on issues such as social justice, equality, and human rights, and by experiencing the various roles of legal professionals through drama, they aim to develop solution-oriented approaches for future legal practices.				
Course Schedule (Weekly Plan)					
Week	Topic		Preparation		Teaching Methods and Techniques
1	Introduction -General Overview of the Course and Its Importance -Examination of the Concept of Twin Transition -Contributions of Twin Transition to the Economy, Environment, and Society -Examples of Twin Transition in the World and in		Relevant sections from lecture notes and other resources		Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), opening lecture

	Türkiye -Strategy Documents and Their Implementation -Risks and Opportunities of the 21 st Century		
2	Introduction (continued) -General Overview of the Course and Its Importance -Examination of the Concept of Twin Transition -Contributions of Twin Transition to the Economy, Environment, and Society -Examples of Twin Transition in the World and in Türkiye -Strategy Documents and Their Implementation -Risks and Opportunities of the 21 st Century	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6)
3	Digital Transition Process in Türkiye -National Artificial Intelligence Strategy (2021-2025) -Presidential Digital Transition Office -Digital Türkiye Roadmap -Türkiye's Competency in Industrial Digital Transition -Competence and Digital Transition Centers -National Technology Initiative	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
4	Digital Transition Process in Türkiye (continued) -National Artificial Intelligence Strategy (2021-2025) -Presidential Digital Transition Office -Digital Türkiye Roadmap -Türkiye's Competency in Industrial Digital Transition -Competence and Digital Transition Centers -National Technology Initiative	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
5	Green Transition Process in Türkiye -Project for the Development of the National Life Cycle Assessment (LCA) Database -European Green Deal, Green Deal Action Plan, and Green Growth Technology Roadmap	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
6	Green Transition Process in Türkiye (continued) -Project for the Development of the National Life Cycle Assessment (LCA) Database -European Green Deal, Green Deal Action Plan, and Green Growth Technology Roadmap	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
7	Twin Transition Process in Türkiye -14th Competition Congress -Twin Transition in the Machinery Sector UR-GE (Supporting the Development of International Competitiveness) Project -Medium-Term Program (MTP) 2025-2027 -Twelfth Development Plan -Climate Change Mitigation Strategy and Action Plan -Twin Transition Web Portal	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
8	Twin Transition Process in Türkiye (continued) -14th Competition Congress -Twin Transition in the Machinery Sector UR-GE (Supporting the Development of International Competitiveness) Project -Medium-Term Program (MTP) 2025-2027 -Twelfth Development Plan -Climate Change Mitigation Strategy and Action Plan -Twin Transition Web Portal	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
9	-Twin Transition in National and International Legal Dimensions	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4,

	-European Green Deal within the Scope of the Legal Impacts of Climate Change	resources	CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6), guest speakers, panels, workshops, and in-class certified training sessions
10	-Twin Transition in National and International Legal Dimensions (continued) -European Green Deal within the Scope of the Legal Impacts of Climate Change (continued)	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	-Twin Transition in National and International Legal Dimensions (continued) -Twin Transition and Circular Economy	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
12	-Twin Transition in National and International Legal Dimensions (continued) -Twin Transition and Circular Economy (continued)	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	Examination of the Judicial Reform Strategy Document and Reflections of Digital Transition	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	Twin Transition and Data Law	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
15	Twin Transition and Data Law (continued)	Relevant sections from lecture notes and other resources	Lectures (CLO1, CLO4), discussions (CLO3, CLO4, CLO6), case analysis and problem-solving (CLO2, CLO5, CLO6)
16	Twin Transition, Law, and Drama <i>(The aim is to help students better understand the role of law, while also enabling them to develop empathy and emotional awareness through psychodrama techniques.)</i>	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	Final Exam	-	-
18	Final Exam	-	-

Course Resources

Textbook:

Course materials will be shared with students every week.

Websites:

<https://aiforgood.itu.int/>
<https://sdgs.un.org/goals>

<https://sdg.iisd.org/news/experts-discuss-role-of-ai-in-supporting-biodiversity-conservation/>
<https://www.un.org/sustainabledevelopment/sustainable-development-goals/>
<https://www.undp.org/sustainable-development-goals>
<https://turkiye.un.org/tr/264412-bm-genel-kurulunun-tarihi-yapay-zeka-karar%C4%B1>
<https://www.globalgoals.org/>
<https://unfoundation.org/what-we-do/issues/sustainable-development-goals/>
<https://en.unesco.org/sustainabledevelopmentgoals>
<https://www.unicef.org/sustainable-development-goals>
<https://unglobalcompact.org/sdgs/about>
<https://turkiye.un.org/en/sdgs>
https://commission.europa.eu/strategy-and-policy/sustainable-development-goals_en
<https://www.who.int/europe/about-us/our-work/sustainable-development-goals>
https://www.echr.coe.int/documents/d/echr/c_onvention_tur
https://policy.trade.ec.europa.eu/eu-traderelationships-country-and-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-global-emissions/>
<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>
<https://www.sanayi.gov.tr/plan-program-raporlar-ve-yayinlar/faaliyet-raporlari>
<https://www.sanayi.gov.tr/plan-program-raporlar-ve-yayinlar/stratejik-planlar>
<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/ytk/a11601>
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.csgeb.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:
Avrupa Konseyi, Yapay Zekâ ve İnsan Hakları, Demokrasi ve Hukukun Üstünlüğü Çerçeve Sözleşmesi, 2024.
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.
İyilik İçin Yapay Zekâ Küresel Zirvesi 2024.
İkiz Dönüşüm Kapsamında Gümrük Birliği'nin Güncellenmesi ve Türkiye, İktisadi Kalkınma Vakfı Yayınları, Yayın No: 324, İstanbul.
Johan Galtung, İnsan Hakları, Metis, 2018 Eylül.
Kemal Gözler, İnsan Hakları Hukukuna Giriş, Ekin, 2023 Ağustos.
Meltem Sarıbeyoğlu Skalar, Uluslararası Hukuk ve Sürdürülebilir Kalkınma, Beta, 2015.
Moana Simas, Kirsten Svenja Wiebe ve Carl Johan Sodersten, Türkiye'de İklim Değişikliği ve Yeşil Ekonomi Politikalarının Sosyal ve İstihdam Etkileri, ILO ve UNDP, Haziran 2022.
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.
 Yeşil Dönüşüm Destek Programı Uygulama Usul ve Esasları Tebliği.

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).
Performance in Discussions	2	%10	Expression, communication, and interpretation skills (CLO5, PLO10, PLO11).
Portfolio	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.
Final	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

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

Past Term Achievements

2024-2025 Spring Semester
Law 378 Twin Transition and Law

