

## Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
HUK364	AI Law and Policy	6	2	0	0	2	2

Prerequisites	
Admission Requirements	

Language of Instruction	English
Course Type	Elective
Course Level	Bachelor Degree
Objective	-The aim of this course is to introduce students to the principles of technology policy and regulation, its interaction with law, and the emerging regulatory framework surrounding artificial intelligence with a specific focus on the European Union's AI Act.
Content	<p>-Week 1: Introduction</p> <p>Week 2: Technology law, regulation, and policy</p> <ul style="list-style-type: none"> <li>- Roger BROWNSWORD / Karen YEUNG, Regulating Technologies: Legal Futures, Regulatory Frames and Technological Fixes, Hart Publishing, 2008.</li> <li>- David HENRY, Designing Tech Policy: Instructional Case Studies for Technologists and Policymakers, University of Washington Tech Policy Lab.</li> <li>- Julia BLACK, Forms and Paradoxes of Principles Based Regulation, 2008.</li> <li>- Lawrence LESSIG, Codes and Other Laws of Cyberspace, 2006.</li> </ul> <p>Week 3: What is AI as a regulatory subject matter?</p> <ul style="list-style-type: none"> <li>- The AI Index Report, Stanford University, 2016-2023.</li> <li>- Jonas SCHUETT, A Legal Definition of AI, arXiv, 2019.</li> <li>- European Commission Joint Research Centre, AI Watch – Defining Artificial Intelligence, 2020.</li> <li>- Isabel TRANCOSO / Nuno MAMEDE / Bruno MARTINS / H. Sofia PINTO / Ricardo RIBEIRO, "The Impact of Language Technologies in the Legal Domain", Multidisciplinary Perspectives on Artificial Intelligence and the Law, Springer, 2024.</li> <li>- Rembrandt DEVILLE / Nico SERGEYSSELS / Catherine MIDDAG, "Basic Concepts of AI for Legal Scholars", Artificial Intelligence and the Law, Intersentia, 2021.</li> </ul> <p>Week 4: AI and data protection law</p> <ul style="list-style-type: none"> <li>- Ralf POSCHER, "Artificial Intelligence and the Right to Data Protection", The Cambridge Handbook of Responsible Artificial Intelligence, Cambridge University Press, 2022.</li> <li>- Boris P. PAAL, "Artificial Intelligence as a Challenge for Data Protection Law", The Cambridge Handbook of Responsible Artificial Intelligence, Cambridge University Press, 2022.</li> <li>- Wilfried HINSCH, "Differences That Make a Difference", The Cambridge Handbook of Responsible Artificial Intelligence, Cambridge University Press, 2022.</li> <li>- Carl Vander MAELEN / Eva LIEVENS / Judith VERMEULEN / Ingrida MILKAITE, "AI and Data Protection: The Case of Smart Home Assistants", Artificial Intelligence and the Law, Intersentia, 2021.</li> </ul> <p>Week 5: AI and intellectual property law</p> <ul style="list-style-type: none"> <li>- Pawel KSIEZAK / Sylwia WOJTCZAK, "Copyright", Toward a Conceptual Network for the Private Law of Artificial Intelligence, 2023.</li> <li>- Aviv H. GAON, The Future of Copyright in the Age of Artificial Intelligence, Edward Elgar, 2021.</li> <li>- Jozefien VANHERPE, "AI and IP: A Tale of Two Acronyms", Artificial Intelligence and the Law, Intersentia, 2021.</li> </ul> <p>Week 6: AI and liability</p> <ul style="list-style-type: none"> <li>- Christiana WENDELHOPST, "Liability for Artificial Intelligence", The Cambridge Handbook of Responsible</li> </ul>

- CHRISTIANE WENDENBURG, "Liability for Artificial Intelligence", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.
- Beatriz A. RIBEIRO / Helder COELHO / Ana Elisabete FERREIRA / Joao BRANQUINHO, "Metacognition, Accountability and Legal Personhood of AI", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.
- Ana Taveira DE FONSECA / Elsa Vaz DE SEQUIRA / Luis Barreto XAVIER, "Liability for AI Driven Systems", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.
- Pawel KSIEZAK / Sylwia WOJTCZAK, "Liability of AI", *Toward a Conceptual Network for the Private Law of Artificial Intelligence*, 2023.
- Jan DE BRUYNE / Elias VAN GOOL / Thomas GILS, "Tort Law and Damage by AI Systems", *Artificial Intelligence and the Law*, Intersentia, 2021.

#### Week 7: International efforts in AI law and policy

- Thomas METZINGER, "Towards a Global Artificial Intelligence Charter", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.
- Hannah VAN KOLFSCHOOTEN / Carmel SHACHAR, "The Council of Europe's AI Convention (2023-2024): Promises and pitfalls for health protection", *Healthy Policy*, Vol. 138, 2023.

#### Week 8 Midterm

#### Week 9 AI law and policy in the EU – 1

- Thomas BURRI, "The New Regulation of the European Union on Artificial Intelligence", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.
- Nikos NIKOLINAKOS, "Launching a European Initiative on Artificial Intelligence" / "Ethical Principles for Trustworthy AI", *EU Policy and Legal Framework for Artificial Intelligence, Robotics and Related Technologies-The AI Act*, Springer, 2023.
- Ugo PAGALLO, "Dismantling Four Myths in AI & EU Law Through Legal Information 'About' Reality", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.
- Joana Covelo DE ABREU, "The 'Artificial Intelligence Act' Proposal on European e-Justice Domains Through the Lens of User-Focused, User-Friendly and Effective Judicial Protection Principles", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.

#### Week 10: AI law and policy in the EU – 2

- Katerina YORDANOVA / Natalie BERTELS, "Regulating AI: Challenges and the Way Forward Through Regulatory Sandboxes", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.
- Nikos NIKOLINAKOS, "The Proposed Artificial Intelligence Act and Subsequent 'Compromise' Proposals: Commission, Council, Parliament", *EU Policy and Legal Framework for Artificial Intelligence, Robotics and Related Technologies-The AI Act*, Springer, 2023.
- Rostam J. NEUWIRTH, *The EU Artificial Intelligence Act: Regulating Subliminal AI Systems*, Routledge, 2022.

#### Week 11-12: AI law and policy in the US and the UK

- Huw ROBERTS / Alexander BABUTA / Jessica MORLEY / Christopher THOMAS / Mariarosaria TADDEO / Luciano FLORIDI, "Artificial intelligence regulation in the United Kingdom: A path to good governance and global leadership?", *Internet Policy Review*, Vol. 12, No. 2, 2023, pp. 1-31.
- Yoon CHAE, "US AI Regulation Guide: Legislative Overview and Practical Considerations", *The Journal of Robotics, Artificial Intelligence & Law*, Vol. 3, No. 1, 2020, pp. 17-40.
- Executive Order on the Safe, Secure, and Trustworthy Development and Use of Artificial Intelligence, 30.10.2023.

#### Week 13: AI law and policy in China

- Weixing SHEN / Yun LIU, "China's Normative Systems for Responsible AI", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.
- Huw ROBERTS / Josh COWLS / Jessica MORLEY / Mariarosaria TADDEO / Vincent WANG / Luciano FLORIDI, "The Chinese approach to artificial intelligence: an analysis of policy, ethics, and regulation", *AI & Society*, Vol. 36, 2021, pp. 59-77.

	<p>Vol. 30, 2021, pp. 55-77.</p> <p>Week 14: AI law and policy in the future: What to expect?</p> <p>- Mathias RISSE, "Artificial Intelligence and the Past, Present, and Future of Democracy", The Cambridge Handbook of Responsible Artificial Intelligence, Cambridge University Press, 2022.</p> <p>Supplementary reading list:</p> <p>- Martin EBERS / Cristina PONCIBO / Mimi ZOU, Contracting and Contract Law in the Age of Artificial Intelligence, Hart Publishing, 2022.</p> <p>- Michiel FIERENS / Stephanie ROSSELLO / Ellen WAUTERS, "Setting the Scene: On AI Ethics and Regulation", Artificial Intelligence and the Law, Intersentia, 2021.</p>
References	<p>Supplementary reading list:</p> <p>- Martin EBERS / Cristina PONCIBO / Mimi ZOU, Contracting and Contract Law in the Age of Artificial Intelligence, Hart Publishing, 2022.</p> <p>- Michiel FIERENS / Stephanie ROSSELLO / Ellen WAUTERS, "Setting the Scene: On AI Ethics and Regulation", Artificial Intelligence and the Law, Intersentia, 2021.</p>

## Theory Topics

Week	Weekly Contents
1	Introduction to AI from a legal and political perspective.
2	Relationship between AI law, policy and ethics
3	Why and how to regulate AI?
4	International AI policy developments
5	Council of Europe Framework Convention
6	Main regulatory approaches to AI
7	AI Law and Policy in Türkiye: What Is the Current Situation?
8	EU Artificial Intelligence Act 1 - Introduction and scope
9	EU Artificial Intelligence Act 2 - Risk-based approach
10	EU Artificial Intelligence Act 3 - Obligations for AI system and GPAI model operators
11	EU Artificial Intelligence Act 4 - Enforcement, governance, and penalties
12	US AI Law and Policy Developments
13	Southeast Asia Law and Policy Developments
14	AI law and policy in Türkiye: What to expect?