1. KOCW Course Plan/ Syllabus

Course Title	Ethics, Governance, and Societal Impact of Artificial Intelligence
Year/ Semester	2025 / 1
Course Type	Major
Course Credits	3
Content Length	572 min (9 hours, 32 min)

Week	Topic/ Learning Objectives	Teaching and Learning Methods	
		Main Content	Materials
1	**Ethical Foundations of AI** Understand major ethical theories and apply them to AI dilemmas; Analyze why AI presents unique ethical challenges; Evaluate the use of AI in military contexts.	Recorded Video Content	PPT file
2	**Bias, Fairness, and Discrimination** Identify sources of algorithmic bias; Assess the social impact of biased algorithms; Propose fairness-aware ML solutions.	Recorded Video Content	PPT file
3	**Explainability and Trust** Explain the importance of interpretability in AI; Compare XAI tools like SHAP and LIME; Analyze trust implications in high-stakes domains.	Recorded Video Content	PPT file
4	**Privacy and Surveillance** Evaluate ethical issues related to data collection and surveillance; Discuss the limits of informed consent in digital platforms; Analyze high-profile privacy violations.	Recorded Video Content	PPT file

5	**Regulation and Global Governance** Compare global governance models and ethical guidelines; Distinguish between ethics, law, and compliance; Assess policy responses to generative AI.	Recorded Video Content	PPT file
6	**Sectoral Applications** Assess ethical concerns in AI applications across key sectors; Examine cases of algorithmic opacity and harm; Propose domain-specific ethical guidelines.	Recorded Video Content	PPT file
7	**AI and Digital Identity** Analyze the ethical implications of biometric and emotion AI; Understand principles of human-centered design; Critique the use of facial recognition in schools.	Recorded Video Content	PPT file
8	**Environmental and Social Impacts** Discuss environmental costs of AI; Examine ecological justice frameworks; Propose sustainable AI practices and governance measures.	Recorded Video Content	PPT file
9	**Autonomous Agents and Moral Machines** Evaluate moral responsibility in autonomous systems; Discuss ethical concerns of lethal and non-lethal AI agents; Debate legal personhood for machines.	Recorded Video Content	PPT file
10	**AI Futures and Global Justice** Reflect on long-term ethical risks of AI; Explore cultural diversity in ethical values; Debate AI moral status and global justice imperatives.	Recorded Video Content	PPT file