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OER 3.2.1

Ethical and Professional Teacher Accountability in Automated Learning Environments

Identifier	OER 3.2.1
Title	Ethical and Professional Teacher Accountability in Automated Learning Environments
Creator	Esenler District Directorate of National Education - Türkiye
Description	The resource addresses who is accountable, and for what, when an educational decision passes through an AI system. It reconstructs the chain of responsibility linking provider, distributor, institution and teacher, and explains why AI systems in education are classified as high-risk. The practical focus is on translating human-oversight and accountability obligations into defensible institutional procedures.
Keywords	accountability; responsibility chain; high-risk AI; human oversight; educational governance; AI Act; deployer obligations; professional ethics
Language	EN (English)
Affiliation	Esenler District Directorate of National Education - Türkiye
Contributor	STIAEM Transnational Scientific Board (peer review, Rhodes validation protocol)
Media Format	Text; Infographics
Genre	Training Manual; Educational Guide
URL	https://www.stiaemproject.eu/?oer_download=OER-3.2.1
Citation	Esenler District Directorate of National Education. (2026). *Ethical and Professional Teacher Accountability in Automated Learning Environments* [Educational guide]. Slow Tech Innovation: AI, Ethics, and New Teaching Methods (STIAEM), 2025-1-IT02-KA220-SCH-000365213.
References	European Parliament and Council of the European Union. (2024). Regulation (EU) 2024/1689 laying down harmonised rules on artificial intelligence (Artificial Intelligence Act). Official Journal of the European Union. https://eur-lex.europa.eu/eli/reg/2024/1689/oj Mosqueira-Rey, E., Hernandez-Pereira, E., Alonso-Rios, D., Bobes-Bascaran, J., & Fernandez-Leal, A. (2023). Human-in-the-loop machine learning: A state of the art. Artificial Intelligence Review, 56(4), 3005-3054. https://doi.org/10.1007/s10462-022-10246-w OECD. (2024). Recommendation of the Council on Artificial Intelligence (OECD/LEGAL/0449). OECD. https://legalinstruments.oecd.org/en/instruments/OECD-LEGAL-0449 Miao, F., & Cukurova, M. (2024). AI competency framework for teachers. UNESCO. https://doi.org/10.54675/ZJTE2084 UNESCO. (2021). Recommendation on the ethics of artificial intelligence. UNESCO. https://unesdoc.unesco.org/ark:/48223/pf0000381137
Educational Level	Secondary School
Associated Module / MOOC Video Lesson	Module 3 - AI Ethics and Systemic Biases / Video 3.2 - Accountability and Human-in-the-Loop
Learning Objectives	Reconstruct the chain of responsibility linking provider, distributor, institution and teacher; explain why AI systems in education are

	classified as high-risk and what follows from this; translate the obligations of human oversight and accountability into defensible institutional procedures.
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