



Global Perspectives on AI and Education: Frameworks, Ethics, and Student Innovation

Course Syllabus

Course Description

This course explores global perspectives on artificial intelligence (AI) in education, comparing international frameworks and emphasizing the ethical, cultural, and practical impacts of implementing AI. Learners will review UNESCO, OECD, and EU initiatives, along with real-world classroom projects that utilize AI for accessibility, translation, and collaboration. Through case studies and interactive activities, participants will understand both the opportunities and challenges of AI in various educational settings. Designed for professionals and educators, this course highlights strategies to integrate AI responsibly and creatively to promote equitable and effective learning outcomes. It also improves classroom teaching effectiveness and boosts student success by introducing new technological knowledge.

This course enhances classroom teaching effectiveness and supports improved student outcomes by introducing new knowledge in global frameworks and responsible applications of artificial intelligence in education.

Course Objectives

At the end of this course you should be able to:

1. Design the components of a responsible AI starter plan that broadens participation in their context—aligned with equity goals in UNESCO/OECD guidance—by prioritizing a use case (translation, accessibility, or personalization), integrating teacher supports, and defining simple evidence of impact.
2. Critically evaluate UNESCO's principles for AI in education, with a focus on equity, inclusion, and cultural diversity, and apply these principles to assess how AI can advance the UN Sustainable Development Goals (SDGs) in diverse educational contexts.
3. Analyze the OECD AI Principles and apply them to education contexts; connect OECD's approach to skills measurement and readiness (e.g., PISA initiatives); and outline practical, responsible steps for governing generative AI in their own setting.
4. Interpret and apply the EU's approach to trustworthy AI in education, including the AI Act's risk-based framework, the Ethics Guidelines for Trustworthy AI, and educator/school capacity frameworks (DigCompEdu, SELFIE), by drafting practical guardrails, teacher moves, and an implementation sketch aligned with EU guidance.
5. Compare and contrast UNESCO, OECD, and EU approaches to AI in education; identify common pillars and meaningful differences (principles vs. policy vs. law); and synthesize a unified, context-ready checklist for ethical, inclusive, and practical AI use in their own setting.



6. Identify and adapt concrete student-facing AI projects that (1) bridge languages and cultures, (2) increase accessibility and participation, and (3) foster creative, ethical AI use—and develop a small pilot suited to their own context.
7. Design AI-infused lessons that are culturally responsive, accessible, and locally relevant by (1) adapting global guidance to their context, (2) mitigating cultural/algorithmic bias through data-aware practices, and (3) producing a classroom-ready mini-lesson with ethical guardrails and transparency for students.
8. Synthesize UNESCO, OECD, and EU guidance into a 30-day action plan for responsible AI use in their own setting by (1) conducting a baseline readiness self-assessment, (2) drafting practical classroom and program guardrails, and (3) defining success metrics and a lightweight review cycle.

Modules

- Module 1: The Global AI in Education Landscape, Quiz 1
- Module 2: UNESCO's Vision: Equity and Inclusion First, Quiz 2
- Module 3: OECD's Approach: Centered, Trustworthy AI & Skills Readiness, Quiz 3
- Module 4: EU Lens: Trustworthy AI, the AI Act & Digital Education Capacity, Quiz 4
- Module 5: Comparative Analysis: UNESCO vs. OECD vs. EU, Quiz 5
- Module 6: Global Student Projects with AI, Quiz 6
- Module 7: Designing Culturally Responsive AI Lessons, Quiz 7
- Module 8: From Policy to Practice: Educator Action Plans, Quiz 8

Grading

Each quiz must be passed at an 80% or higher (three attempts allowed).

Format

This is a self-paced, asynchronous (no required live meetings) course. Throughout the PD course, you will find it helpful to take notes along the way to assist with the quizzes. Within each module, you will find reflection assessments that are not graded but will help in your journey through the course. There is an interactive forum in the course to help you connect with peers and instructors, share ideas, and collaborate on best practices throughout your learning journey.