

#4. May 2025



AI-HED

Artificial Intelligence in Higher Education
Teaching and Learning



Guidelines for Course Development

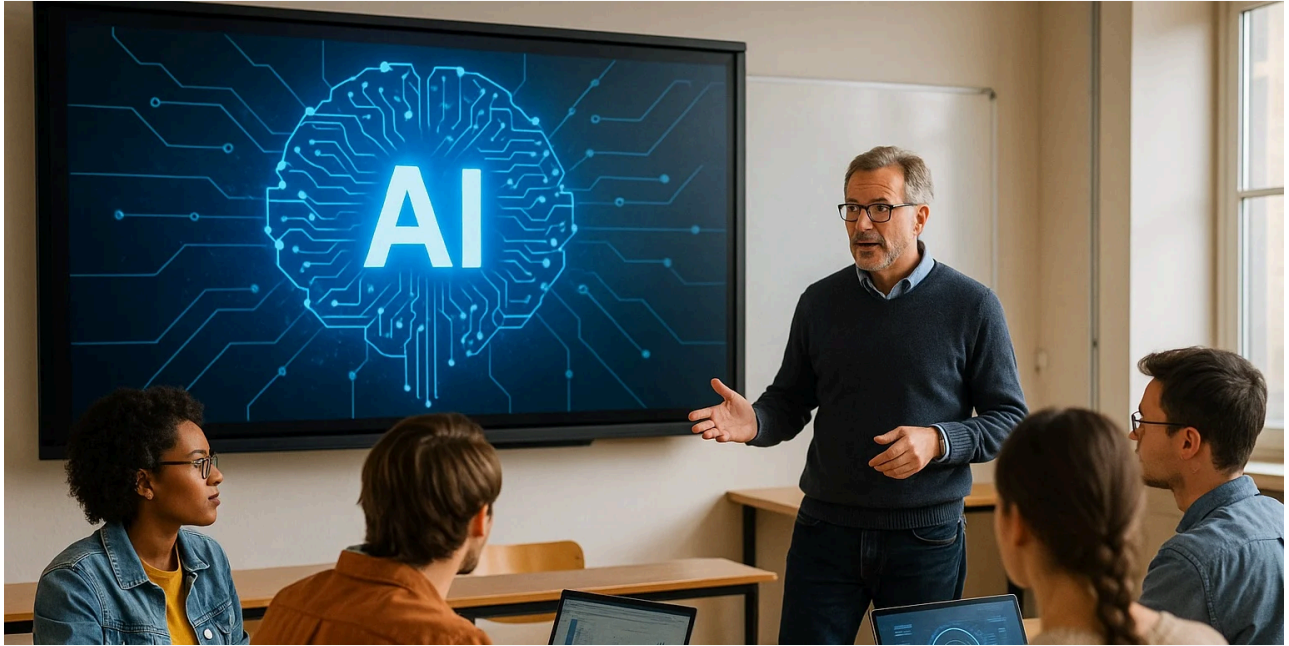
These guidelines particularly address teachers who have a strong interest in exploring the strengths and opportunities of AI in academic education, while also considering potential risks and avoiding threats.

These guidelines have three primary aims:

- Increase teachers' knowledge of the implications of using AI in academic education,
- Highlight didactic design options, teaching scenarios, and requirements for the positive potential of AI in academic teaching,

- Support the legally compliant and ethically responsible use of AI in university teaching.

[Read the Guidelines](#)



Key Areas of AI Application in Higher Education

The use of AI in higher education is both wide-ranging and diverse, bringing modern, innovative approaches to teaching and learning. Beyond adaptive learning systems or intelligent tutoring platforms, AI is increasingly embedded in higher education institutions across several key areas – reshaping how we teach, learn, and operate.

[EXPLORE THE KEY AREAS OF AI FOR HIGHER EDUCATION](#)



The Five Areas for AI Literacy

Universities worldwide are pressed to utilize AI to enhance teaching, learning, and collaboration. This page explores the synergy between the DigComp 2.2 framework and AI-based tools selected for their relevance in higher education.

[READ THE FIVE AREAS OF AI LITERACY](#)

News and Updates

AI-HED Project presented at 'U!REKA Connects' in Helsinki

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On 22 May, Dietmar Paier and Johannes Wetzinger from the University of Applied Sciences BFI Vienna presented the Erasmus+ project “Artificial Intelligence in Higher Education Teaching and Learning” (AI-HED) at the “U!REKA Connects 2025” event in Helsinki.

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Workshop on Preparation of Pilot Courses successfully held in Vienna

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On May 8th and 9th, 2025, the University of Applied Sciences BFI Vienna successfully organized a workshop on the “Development of Pilot Courses”. This two-day event in Vienna was part of the EU-funded project „Artificial Intelligence in Higher Education Teaching and Learning” (AI-HED) and focused on developing syllabi for innovative pilot courses that integrate Artificial Intelligence (AI) into the teaching and learning process.

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AI Tools and Resources

Elicit is an AI-powered research assistant designed to streamline evidence-based decision-making by analyzing and summarizing academic literature. It helps users quickly identify relevant studies, extract key insights, and organize findings, making the research process faster and more efficient. Ideal for academics, professionals, and organizations, Elicit enhances productivity and ensures informed decision-making through its intuitive interface and advanced natural language processing capabilities.

[Find more
AI Tools](#)

AI Glossary

In each newsletter we highlight an AI term you may not know.

Deep Learning

A type of machine learning that uses multi-layered neural networks to analyze various factors of data.

Description: Deep learning employs neural networks with many layers (hence 'deep') to analyze large amounts of data, making it suitable for complex tasks like image and speech recognition.

Example: Image recognition systems used in social media platforms.

Meet the Team



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