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Foundations & AI Literacy

Useful starter courses for educators to learn about and with AI.

AI Pedagogy Project. MetaLAB at HGSE. <https://aipedagogy.org/guide/tutorial/>
Explore LLM's from an education perspective.

Elements of AI. [University of Helsinki](https://www.elementsofai.com/) <https://www.elementsofai.com/>
Non-technical demystification of AI logic. Includes Introductions to AI and Building AI.

AI 101 for Teachers [Code.org / Khan Academy](#)
Practical classroom concepts & responsible use.

AI for Educators. Microsoft Learn. <https://learn.microsoft.com/en-us/training/paths/ai-education/>
ISTE and UNESCO-connected course for educators. Basic overviews and skills.

Generative AI for Educators with Gemini. Grow with Google. <https://grow.google/ai-for-educators/>
Learn how to use generative AI tools to help you save time on everyday tasks, personalize instruction, enhance lessons and activities in creative ways, and more.

AI Basics for K-12 Teachers. Common Sense Media.
<https://www.commonsense.org/education/training/ai-basics-for-k-12-teachers>
Understand the basics of generative AI and its impact on education.

ChatGPT Foundations for K-12 Educators. Common Sense Media.
<https://www.commonsense.org/education/training/chatgpt-k12-foundations>
Practical strategies for using their popular AI tool ChatGPT in schools.

Advanced ChatGPT for K-12. Common Sense Media.
<https://www.commonsense.org/education/training/advanced-chatgpt-for-k-12>
Builds upon the ChatGPT Foundations course with additional focus on developing the insights, mindsets, and practices that enable effective AI use in education.

Machine Learning & How AI Works

Courses that teach you how AI works. Many can be used with students.

Hugging Face Learn Hub. HuggingFace. <https://huggingface.co/learn>
Includes courses on LLM, Robotics, Agents and more.

Machine Learning Crash Course. Google Developers.
<https://developers.google.com/machine-learning/crash-course>
Fast-paced, practical introduction to machine learning, featuring a series of animated videos, interactive visualizations, and hands-on practice exercises.

CS50's Intro to AI with Python. Harvard. <https://cs50.harvard.edu/ai/>
Implementing algorithms, search, and ML.



AI with MIT (suitable for students). MIT. <https://appinventor.mit.edu/explore/ai-with-mit-app-inventor>
Use MIT App inventor on a range of AI projects.

Machine Learning with Amazon. AWS. <https://aws.amazon.com/ai/learn/>
Practical modules to learn about how AI works.

Teachable Machine. Google. <https://teachablemachine.withgoogle.com/>
Train a computer to recognize your own images, sounds, & poses.

AI Playground. Nvidia. <https://www.nvidia.com/en-us/research/ai-playground/>
Interesting projects at the intersection of Art, AI and Science.

Ethical Perspectives on AI.

Navigating the moral and environmental landscape of AI.

Ethics of AI. University of Helsinki. <https://ethics-of-ai.mooc.fi/>
Structured reasoning on fairness and human rights.

Critical AI Perspectives. University of British Columbia.. <https://opl.educ.ubc.ca/ai-mooc/>
Evaluating equity, power, and systemic implications.

Ethics & Global Catastrophic Risks. Lingnan University. <https://www.ln.edu.hk/philoso/hkcrs/risk>
Includes modules on AI and environmental risks.

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