

Course title	Teaching with AI: tools and strategies for teachers
Course code	093
Course category	STEM and digital education
Course purpose and overview	<p>In today's rapidly evolving educational landscape, Artificial Intelligence (AI) is transforming education by offering innovative solutions that enhance teaching efficiency and student learning. The course, "Teaching with AI: tools and strategies for teachers," is specifically designed for educators who wish to understand and integrate AI tools into their teaching practices. This course provides a comprehensive introduction to AI and explores tools to support teaching, with a focus on personalised learning, student engagement, assessment and feedback, classroom management, and media creation. The specific tools covered may vary depending on participants' needs and the educational setting, so we encourage you to enquire about the best options for your context. The course will also address the ethical considerations of using AI in education, ensuring that teachers are equipped to make informed decisions about incorporating AI into their classrooms.</p> <p>Each session builds upon the previous one, ensuring a thorough understanding of how AI can be effectively employed across various educational contexts. The course will culminate in a final project, where participants will apply their learning by designing a lesson plan or classroom activity that incorporates multiple AI tools.</p> <p>By the end of the course, teachers will be prepared to use AI to create dynamic, inclusive, and engaging learning environments.</p>
Course structure and content	The course, "Teaching with AI: tools and strategies for teachers," is designed to equip educators with the skills and knowledge needed to effectively integrate artificial intelligence (AI) into their teaching practices. Participants will be introduced to the fundamentals of AI and its application in education, exploring tools that can enhance both teaching efficiency and student learning outcomes.
Duration	One week
Daily programme example	<p>Here is an example of the programme:</p> <p>Day 0 (usually Sunday) Arrival date</p> <p>Day 1 Welcome and introduction Ice breakers and team-building exercises Introduction to AI in education Cultural and social activities Feedback day 1</p> <p>Day 2 Ethical considerations and the future of AI in education AI tools for student engagement</p> <p>Day 3 Designing interactive lessons using AI tools. Strategies for using AI to increase student participation and motivation Cultural and social activities</p>

	<p>Day 4 AI-driven feedback and grading tools Emerging AI tools and technologies</p> <p>Day 5 Project work Debriefing and project presentation Discussion of future cooperation and planning follow-up activities / Brainstorming dissemination ideas Final feedback Validation of learning outcomes and a certification ceremony</p> <p>Day 6 Full-day trip</p> <p>Day 7 Departure date</p> <p>Programme details may be subject to amendment based on trainer, participant needs and other factors such public holidays. Changes might be needed to make up for time lost due to unforeseen or changing circumstances which might be out of the reasonable control of the hosting organisation</p>
Learning objectives	<ul style="list-style-type: none"> • Understand the basics of AI, including key concepts and terminology • Identify and understand various AI-based tools available for classroom use • Integrate AI tools into lesson planning and delivery to enhance teaching effectiveness • Use AI tools to personalize learning and support diverse learning needs • Understand ethical considerations and challenges related to AI in education
Learning outcomes	<p>By the end of the course, participants will be able to:</p> <ul style="list-style-type: none"> • explain the role and impact of AI in education • identify and integrate a wide range of AI tools into their teaching strategies • critically evaluate the ethical considerations related to AI use in education and make informed decisions about how and when to incorporate these technologies in their classrooms • demonstrate the ability to design and implement lesson plans or classroom activities that incorporate AI tools to foster dynamic, inclusive, and engaging learning environments • use AI to develop more efficient and personalized assessment and feedback mechanisms that promote continuous student improvement
Assessment and validation of learning outcomes	<p>The learning outcomes will be assessed and validated through various methods during the course: group discussions, lesson plans and teaching demonstrations, group projects and a written pre and final assessment</p>
Target audience	<p>Teachers of any subject, educators, and school administrative staff</p>
Admission requirements for participants	<p>Basic computer and internet skills</p>
Language of delivery	<p>English</p>

Language level requirements for participants	B1 or more
Maximum number of participants	15

Please note that the course outlined is intended as an example only and may not necessarily be fully executed in accordance with all of its details. Our need analysis is primarily based on enrolment information, information shared at kick-off meetings, and pre-evaluation of competencies. As such, it is possible that the programme may be adjusted to better accommodate the diverse needs of participants.