EDUCATION, TRAINING AND PROFESSIONAL DEVELOPMENT

Educators Key Competences

ARTIFICIAL INTELLIGENCE FOR EDUCATORS: PRACTICAL TOOLS AND STRATEGIES FOR TEACHING

Your Mobility Partner

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COURSE OVERVIEW

The *Artificial Intelligence for Educators: Practical Tools and Strategies for Teaching* course provides teachers and education professionals with a practical introduction to using artificial intelligence (AI) tools in teaching and learning. Participants will explore how to use tools such as ChatGPT, content generators, assessment platforms, and creative AI applications to enhance lesson planning, material creation, assessment, and student engagement. In addition to integrating these tools into their teaching practices, participants will reflect on the responsible and ethical use of AI and learn how to discuss these topics with their students. By the end of the course, participants will be able to apply AI strategically and responsibly to create innovative learning experiences that meet the needs of 21st-century education.

TARGET AUDIENCE

This course is designed for teachers, school leaders, trainers, and education professionals who want to understand and effectively integrate artificial intelligence (AI) tools into teaching and learning. It is ideal for educators seeking practical ways to use AI for lesson planning, content creation, assessment, and student engagement. The course is suitable for participants with basic or intermediate digital skills who are interested in exploring innovative tools such as ChatGPT, AI-powered content generators, and assessment platforms, while also learning how to discuss the responsible and ethical use of AI with their students.

REQUIREMENTS

To take part in the course, participants must meet the following requirements:
- Have at least a B1 level of English (independent user);
- Complete and submit the registration form before the start of the training;
- Bring a laptop or tablet to use during the sessions;
- Commit to active participation and attend at least 80% of the course.

COURSE OBJECTIVES

The objectives of the course are:
- To provide participants with a clear understanding of artificial intelligence (AI) and its potential applications in education.
- To develop practical skills for using AI tools such as ChatGPT, content generators, and assessment platforms to support teaching and learning.
- To explore strategies for creating lessons, materials, and assessments enhanced by AI.
- To encourage responsible and ethical use of AI in the classroom, addressing issues such as bias, privacy, and academic integrity.
- To support participants in guiding students to critically understand and use AI while developing a personal action plan for integrating AI into their teaching practice.

CONTACTS AND REGISTRATION

For registrations, additional information, or budget requests, please contact our team by email at trainingcourses@mobilityfriends.org or visit our website at www.mobilityfriends.org .

LEARNING OUTCOMES

Upon successful completion of this course, learners will be able to:
1. Identify free AI tools suitable for teaching and learning.
2. Use AI to create lesson plans, materials, quizzes, and personalised feedback.
3. Integrate AI into lessons in different subjects (languages, STEM, humanities).
4. Guide students in understanding and using AI responsibly.
5. Evaluate the ethical implications and risks of AI in education.
6. Develop a practical AI integration plan for their own teaching context.

METHODOLOGY

The course is structured around a rigorous methodology that combines theoretical exposition, practical work, and applied demonstrations. This approach ensures a thorough understanding of the subject matter and its direct application in real-world contexts.

Theoretical sessions provide essential foundations, while practical work and demonstrations facilitate the development of technical skills and familiarity with the specific tools and procedures relevant to the course.

Continuous monitoring through individualized feedback allows for tracking learners' progress and ensures the achievement of the set objectives, preparing participants to face professional challenges with competence and precision.

ASSESSMENT

Assessment is carried out continuously throughout the course, using a holistic and learner-centered approach that reflects both participation and performance. Each participant is evaluated based on their overall engagement, regular attendance, punctuality, interest in the topics covered, ability to apply knowledge during practical tasks, and interaction with peers in individual and group activities.

The evaluation process includes a variety of classroom-based tasks (oral and written), short daily assignments, role-plays, and simulations. Trainers provide ongoing, individualized feedback to support progress and encourage active learning.

A Certificate of Participation is awarded to participants who attend at least 80% of the sessions and demonstrate consistent involvement and commitment during the training.

DURATION

The standard duration of our course is 20 hours (5 days), designed to ensure comprehensive and effective learning. However, this duration can be adjusted, in specific cases, to meet the particular needs of each group, in order to optimize outcomes and better suit the training context.

For further details or to discuss a customized schedule, please get in touch with us.

PRICE AND FUNDING

Each quotation is personalized and depends on several factors, such as the number of participants, the number of training hours, the location of the course, and any additional services requested (accommodation, transport, meals, cultural activities, etc.).

To receive a tailored quotation for your group, please get in touch with us.

The training can be funded through programs such as Erasmus+ (KA1 – Learning Mobility), among other European support mechanisms. For more information about funding, participants should contact their sending organization or their country's National Agency directly.

LOCATION AND COURSE LANGUAGE

We have training rooms in several cities in Mainland Portugal, such as Barcelos (headquarters), Braga, Póvoa de Varzim, and Porto. We also have spaces in the islands of Madeira (Funchal) and the Azores (Ponta Delgada). Additionally, we have facilities in Valencia, Spain.

The course is delivered in English.

CERTIFICATION

A Certificate of Participation is awarded to participants who attend at least 80% of the sessions and demonstrate consistent engagement and commitment throughout the training. Upon completion of the course, a formal certification ceremony will take place, during which the certificates will be presented to the participants.

OTHER SERVICES

To enrich the training experience, Mobility Friends offers a range of additional services, subject to availability and additional cost, which can be arranged for individual participants or groups.

Services include:

- Accommodation in partner residences or hotels
- Meals (lunch and/or dinner)
- Transfers between the accommodation and the training room
- Airport transfers
- Cultural visits

All services are subject to availability and must be requested in advance. For more information and personalised quotes, please contact our team.

COURSE CONTENTS

MODULE 1: INTRODUCTION TO ARTIFICIAL INTELLIGENCE IN EDUCATION

- What AI is and how it works: basic concepts for educators.
- Examples of AI in education and everyday life.
- Opportunities and challenges of using AI in schools.
- European perspectives and policies on AI and digital innovation in education.

MODULE 2: PRACTICAL FREE AI TOOLS FOR TEACHERS

- **ChatGPT (Free)** - lesson planning, explanations, writing prompts.
- **Perplexity.ai** - research and fact-checked summaries.
- **MagicSchool.ai** - lesson plans, rubrics, differentiated tasks.
- **Canva Free** + **Gamma.app** - AI-powered presentations and resources.
- Real classroom examples of how teachers use these tools effectively.

MODULE 3: AI FOR LESSON DESIGN AND CONTENT CREATION

- **Curipod** - interactive lessons, polls, and quizzes.
- **Book Creator (Free)** - student-created e-books and portfolios.
- **Kialo Edu** - debates and critical thinking activities.
- Examples of AI-supported lessons in:
  - <u>Languages</u>: generating dialogues, vocabulary activities.
  - <u>STEM</u>: problem-solving tasks, simulations.
  - <u>Humanities</u>: essay feedback, discussion prompts.

MODULE 4: AI FOR STUDENT ASSESSMENT AND FEEDBACK

- **Quizizz / Kahoot!** - gamified quizzes.
- **Edpuzzle (Free)** - interactive video lessons.
- **Google Forms (add-ons)** - automated grading and feedback.
- **Gradescope (Free)** - AI-assisted rubric-based marking.
- Benefits and risks of AI in grading and evaluation.

*Please note that program content may be subject to change based on input from our trainers.

COURSE CONTENTS

MODULE 5: ENHANCING STUDENT CREATIVITY WITH AI

- **Adobe Express (Free)** - posters, infographics, videos.
- **Runway ML (Free plan)** - simple AI video generation.
- **Fliki.ai (Free)** - text-to-speech and video narration.
- **Pictory.ai (trial)** - short AI-generated videos.
- Example projects: digital magazines, podcasts, history timelines, science explainers.

MODULE 6: TEACHING STUDENTS ABOUT AI

- How to introduce AI to students of different ages.
- Classroom activities to explore AI's capabilities and limitations.
- Discussing plagiarism, misinformation, bias, and ethical use.
- Examples of student projects critically analysing AI tools.

MODULE 7: ETHICAL AND CRITICAL PERSPECTIVES ON AI

- Bias, misinformation, and ethical dilemmas in AI.
- Privacy and data protection concerns.
- Case studies of inappropriate AI use in education.
- Guidelines for building responsible AI policies for schools.

MODULE 8: PRACTICAL LESSON AND PROJECT DESIGN

- Participants design a lesson plan or interdisciplinary project using AI.
- Suggested ideas: podcasts, interactive e-books, virtual exhibitions.
- Peer feedback to refine and improve projects.

MODULE 9: ACTION PLAN FOR RESPONSIBLE AI INTEGRATION

- Creating a personal and school-wide AI implementation plan.
- Defining goals, tools, ethical rules, and success indicators.
- Examples of successful European schools using AI responsibly.

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