Advanced Artificial Intelligence for Education

by Veerle Ponnet

Course details

🕐 One-Week course

€ Starting from 480€* (cultural activities included)

🪪 Certificate of attendace included (80% of attendance required)

📍 Available in Dublin, Ghent, Nicosia, Rome

* a 60 € late registration fee will be applied if you register less than 8 weeks before the course start date. All prices are VAT included or not due.

Course description

As the educational sector continues to integrate Artificial Intelligence (AI), there emerges a critical need for **advanced training**.

This course specifically targets educators who have a foundational knowledge of AI and seeks to address the complexities of its **deeper integration in schools**. It focuses on developing sophisticated skills to use AI tools effectively while maintaining a crucial balance between **digital advancements** and traditional teaching methodologies.

Building upon foundational AI knowledge, this advanced course deepens educators' understanding and **application of AI in education**. Participants will be introduced to more complex AI tools and strategies, with an emphasis on their effective integration to augment and balance educational practices.

The course aims to expand educators' capabilities in utilizing AI, ensuring a harmonious blend of **technology and human-centric educational approaches**.

Participants will engage in diverse and **challenging activities**, including in-depth workshops on cutting-edge AI applications, interactive sessions for strategizing online and offline teaching balances, and innovative exercises in implementing **gamification and creativity through AI** in the classroom.

These activities are meticulously designed to align with the advanced nature of the course, enabling participants to explore and **master each aspect of AI**'s role in contemporary education.

Upon completion, participants will possess a comprehensive and nuanced understanding of AI's application in education.

They will be equipped with **advanced skills** to integrate AI tools into their teaching practices, ensuring an optimal balance that enhances **student engagement and learning outcomes**.

The course will empower educators to confidently navigate the complexities of AI in education, transforming them into adept practitioners capable of addressing the challenges of **integrating AI in an educational setting**.

Learning outcomes

The course will help the participants to:

- Understand how to avoid over-dependence on AI in educational settings;
- Learn strategies for maintaining a healthy balance between online and offline educational activities;
- Explore gamification techniques in AI-based education to enhance student engagement and learning outcomes;
- Discover methods to foster creativity in an AI-enhanced learning environment;
- Master advanced AI-driven assessment tools and techniques for student evaluation.

Tentative schedule

Day 1 - Course introduction

- Introduction to the course, the school, and the external week activities;
- Icebreaker activities;
- Presentations of the participants' schools.

Advanced AI Integration in Education

- Overview of advanced AI applications in education;
- Avoiding AI dependency in teaching.

Day 2 - Balancing online and offline learning

- Strategies for integrating AI tools while maintaining traditional teaching methods;
- Group activities to design balanced lesson plans.

Day 3 - Gamification in AI-based education

- Exploring gamification principles and their application in AI-driven teaching;
- Hands-on session: Creating gamified learning modules.

Day 4 - Fostering creativity with AI

- Techniques to use AI tools to enhance student creativity;
- Practical session: Designing creative assignments using AI.

Day 5 - Advanced AI-driven assessment techniques

- Exploring advanced AI tools for student assessment and feedback;
- Workshop: Implementing AI-driven assessments in various subjects.

Day 6 - Course closure and cultural activities

- Course evaluation: round-up of acquired competencies, feedback, and discussion;
- Awarding of the course Certificate of Attendance;
- Excursion and other external cultural activities.

About the provider

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