Using GenAI in Education Course Outline

Course Overview

- Course name: Using Generative AI in Education: Integrating AI Tools for Enhanced Learning
- Course organizer: Arbor Talent Ltd.
- Venue: Budapest, Hungary
- Language: English

1. Why is this important?

- Generative AI is rapidly transforming educational practices and pedagogical approaches
- Educators need to understand how to effectively and ethically integrate AI tools in their teaching
- Students need guidance on responsible AI use in their learning journey

2. Who would benefit from this course?

- Teachers and educators at all levels
- Educational administrators and curriculum developers
- Educational technology specialists
- School policy makers

5. What will we talk about?

- The course covers comprehensive aspects of GenAI in education, including:
  - Fundamental concepts of GenAI and its educational applications
  - Practical implementation of AI tools in teaching and learning
  - Ethical considerations and responsible use
  - Creating effective AI policies and guidelines
  - Assessment strategies in an AI-enhanced environment

6. Learning outcomes:

- By the end of the training, participants will:

- Save time and energy by using AI as an effective teaching assistant
- Master the basics of prompt engineering for educational purposes
- Be able to create AI-enhanced lesson plans and learning materials
- Understand ethical implications and develop appropriate usage policies
- Know how to guide students in responsible AI use
- Be able to integrate AI tools effectively in their teaching practice
- Participants will receive a certificate of completion at the end of the course.

7. Why choose this course?

- Learn from an expert in educational technology and AI integration
- Gain hands-on experience with various AI tools
- Develop practical strategies for classroom implementation
- Network with fellow educators exploring AI integration

8. Practical experiences:

- Daily workshops with hands-on practice using AI tools
- Collaborative projects developing AI-enhanced lesson plans
- Real-world case studies of successful AI integration in education
- Practice sessions on prompt engineering and content creation

9. Schedule:

Day 1: Foundations of GenAI in Education

- Introduction to GenAI and its role in education
- Overview of text-based GenAI tools (ChatGPT, Copilot, Notion AI)
- Exploring additional GenAI tools to create images, videos and sounds.
- Understanding prompt engineering basics
- The capabilities and limitations of GenAI tools
- Workshop: Hands-on practice with basic prompts for educational content

Day 2: Content Creation and Lesson Planning

- Using GenAI to create lesson plans and teaching materials
- Using AI to save time on traditional lesson preparation
- Generating differentiated learning activities
- Creating assessment materials and tests
- Workshop: Developing lessons using GenAI tools

Day 3: Problem-Solving and Student Support

- Implementing GenAI for personalized student feedback
- Creating scaffolded learning materials
- Problem-based learning with AI assistance
- Using GenAI to address specific learning challenges
- Group discussion: Strategies for supporting diverse learning needs

Day 4: Ethics, Privacy, and Responsible Use

- Understanding AI ethics in education
- Data privacy and security considerations
- Developing guidelines for student AI use
- Creating AI policies for assignments
- Debate: Detecting and addressing AI-generated content

Day 5: Implementation and Integration

- Creating an AI implementation plan for your classroom
- Training students on responsible AI use
- Establishing data protection protocols
- Future trends for AI and Education
- Presentation of group projects and peer feedback
- Reflection and action planning for implementing AI enhanced teaching in participants' contexts

Day 6:

- Departure