

Getting started with AI: An Educator's Gateway to Future-Ready Classrooms

Course Syllabus

Course Description

In this course, you'll explore cutting-edge Generative AI techniques to enhance teacher productivity and creativity, streamline administrative tasks, and create engaging learning materials for your students. You'll gain hands-on experience with various AI tools, while also learning how to navigate the ethical landscape of Generative AI for responsible and informed decision-making.

Note, this course is delivered in collaboration with Ed3 DAO.

This course enhances classroom teaching effectiveness and supports improved student outcomes by introducing new knowledge in foundational generative AI tools. You'll learn how to use AI to simplify lesson planning, create personalized resources, and boost creativity—all without the overwhelm.

Course Objectives

At the end of this course you should be able to:

1. Understand the fundamentals of Generative AI and its applications in the field of education.
2. Gain hands-on experience with Generative AI tools, such as ChatGPT, Bing, and Dall-E, to create engaging and personalized educational content.
3. Develop the ability to leverage AI-powered tools for lesson planning, report card comments, individualized education plans (IEPs), and behavior plans.
4. Learn how to use AI-generated images to create worksheets, classroom displays, and interactive learning materials.
5. Apply effective strategies for maximizing the benefits of human-machine interactions in the classroom and streamlining administrative tasks.
6. Recognize the ethical considerations, privacy, and security concerns surrounding the use of AI in education, and adopt responsible practices.
7. Foster a collaborative learning environment and engage in peer discussions to share insights, experiences, and ideas related to the use of AI in education.

Modules

- Module 1: Introduction to Generative AI for Education, Quiz 1
- Module 2: Text Generation for Education, Quiz 2
- Module 3: Image Generation for Education, Quiz 3
- Module 4: Presentation Tools for Classroom Use, Quiz 4



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- Module 5: Privacy and Security in Education, Quiz 5
- Module 6: Assessments and Grading with Generative AI, Quiz 6
- Module 7: Professional Development, Quiz 7
- Module 8: Future Trends and Opportunities in AI for Education, Quiz 8

Grading:

Each quiz must be passed at an 80% or higher (three attempts allowed).

Format

This is a self-paced, asynchronous (no required live meetings) course. Throughout the PD course, you will find it helpful to take notes along the way to assist with the quizzes. Within each module, you will find reflection assessments that are not graded but will help in your journey through the course.