

Applied Artificial Intelligence for Educators

Certification Overview

Welcome to Applied AI.

In a world where technology and education merge, the future of learning unfolds before our eyes. We now have entered a **new era of education**. One that will incorporate artificial intelligence.



Program Overview

The **Applied Artificial Intelligence for Educators** certification program is a groundbreaking journey into the heart of tomorrow's education. Experience AI's power, transforming how you'll teach, learn, and grow. Our comprehensive program equips you with cutting-edge skills, practical knowledge, and real-world applications of AI in the classroom. It's time for a shift of mindset where educators collaborate with AI.

Be at the forefront of educational evolution. Upskill your teaching with AI. This is, Applied AI for Educators.

Learning Objectives

Mastering the Fundamentals of AI in Education

Comprehend the key concepts of artificial intelligence in education, specifically distinguishing between Generative AI and Discriminative AI and tracing the historical development of GenAI.

Exploring the Applications of GenAI

Evaluate a broad spectrum of GenAI applications, such as content creation and research, and apply this knowledge through practical exercises in real-world scenarios.

Engaging with Conversational AI with Natural Language Processing

Apply Natural Language Processing techniques to enhance interactions with Generative AI models in educational contexts, and analyze the mechanics of conversation-driven AI.

Advance Skills in Prompt Engineering for Educational Applications

Craft effective prompts using various techniques to ensure AI responses are both accurate and relevant to your specific needs.

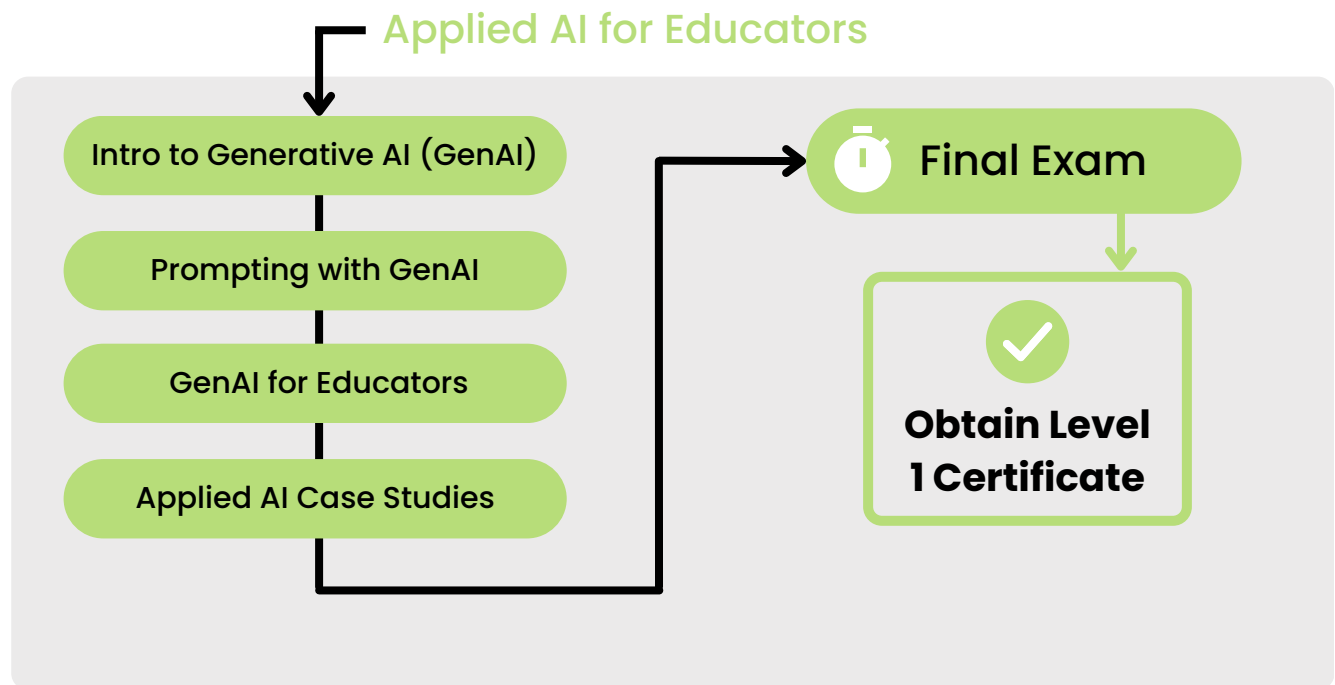
Leveraging AI for Productivity and Task Management

Create and implement strategies using AI tools to optimize time management and enhance workflow efficiency in educational settings.

Utilizing AI for Enhanced Educational Research and Writing

Synthesize information using GenAI models to augment writing and research capabilities in education, creating innovative educational content and materials.

Path to Program Completion



Curriculum Breakdown

Intro to Generative AI

- Generative AI vs. Discriminative AI
- The Evolution of Generative AI
- Applications of Generative AI
- Intro to Trending AI Models
- Intro to ChatGPT
- Intro to Bing Copilot

Prompting with GenAI Models

- Natural Language Processing
- What is Prompt Engineering?
- Anatomy of a Prompt
- General Prompt Use Cases
- Using the “Act A”s Prompting Technique

Generative AI for Educators

- GenAI as a Feedback Generator
- Task Management
- Time Optimization
- Content Differentiation

Applied AI Case Studies

- **Part 1:** Conducting Educational Research using Generative AI
- **Part 2:** Creating a Differentiated Curriculum with Generative AI
- **Part 3:** Asking for Feedback and Analysis from a GenAI Model

Distinguish yourself as an educator with the
Applied AI for Educators Certification!

Start your journey with MindSpark by enrolling at <https://ondemand.mindspark.org/>