APRIL 21, 2025

How Can I Teach AI Prompt Engineering to My Students?

In today's digital world, students need to develop the skills to use generative AI effectively to stay ahead. Unlike traditional search engines, tools like ChatGPT and Claude offer dynamic, conversational interactions that can be challenging for students to navigate ethically and effectively without proper guidance. As AI becomes more integrated into education and the workplace, it's crucial to equip students with the ability to use these tools responsibly and productively.

This Magna 20-Minute Mentor, led by JJ Wallace, PhD, is specifically designed to help you teach AI prompt engineering to your students. In just 20 minutes, you'll gain practical techniques for mastering iterative prompting, enabling your students to interact with AI more effectively. The program covers essential skills like refining prompts for clarity, evaluating AI outputs, and using AI as a collaborative partner.

Upon completion of this program, you'll be able to:

- Understand the distinction between traditional internet searches and generative AI conversations
- Apply best practices for iterative prompting to enhance AI interaction
- Analyze AI-generated outputs for accuracy, biases, and potential hallucinations
- Evaluate the effectiveness of different AI prompts in achieving desired outcomes
- Create clear and contextually appropriate prompts for various AI tasks
- Design AI prompts that align with specific academic or professional goals
- Integrate ethical considerations and proper citation practices when using AI

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