



# Evidence-based Teaching with Generative AI

My students gained exposure to GenAI in a meaningful way, a teacher who prioritized not just covering the material but one who is dedicated to their understanding, who partners with them, and who deeply cares about their ultimate success in the future.

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## Professional Development That Strengthens Teaching

Lumen Circles are professional development experiences that use virtual learning communities to strengthen teaching and help educators grow professionally.

Grounded in evidence-based teaching practices and self-reflection, Lumen Circles is suitable for any faculty member in any discipline and at any stage of career.

## Exploring Evidence-Based Practices to Support Using Generative AI

Lumen Circle's Evidence-based Teaching with Generative AI fellowship explores how to use evidence-based teaching practices to discover the transformative power of using artificial intelligence (AI). Throughout the fellowship, educators will learn how AI tools can help them personalize learning, enhance engagement, and provide students with valuable feedback, all while learning about and following evidence-based teaching practices. This Circle will help instructors learn how to utilize generative AI to create dynamic and effective learning experiences for their students.

**Learn more about Lumen Circles**  
[lumenlearning.com/what/circles](https://lumenlearning.com/what/circles)



## FAQs

- 1 Who is this for?**  
Faculty who want to use AI in their teaching or learn the basics of using AI
- 2 How long?**  
9 weeks
- 3 How much time do I need?**  
2- 3 hours/week, working asynchronously
- 4 How many people are in a circle?**  
10-15 fellows plus facilitator
- 5 Who are the fellows?**  
Faculty from around the country or your system/institution who want to use AI in their teaching or course.
- 6 Who are the facilitators?**  
Seasoned educators who are trained in virtual community-building and experienced in using AI
- 7 Why should I join?**  
By integrating Generative AI and evidence-based teaching practices, you can expect to see increased engagement, persistence, and overall success.

# Brief Overview of the 9-week Fellowship Curriculum:

## **Week 1: Introduction to Lumen Circles**

Begin exploring evidence-based teaching practices and why they are important for student success. Practice using Appreciative Inquiry.

## **Week 2: Introduction to Generative AI**

Explore what Generative AI is, what AI programs exist, and how to use effective prompts. Examine the pros and cons of AI use.

## **Week 3: Using Supportive and Varied Teaching Practices with Generative AI**

Use the Supportive and Varied EBTP tags to help you plan how to embed Generative AI into what you are teaching. Get and receive feedback and suggestions from the other fellows in your Circle.

## **Week 4: Reflecting on Using Supportive and Varied Teaching Practices with Generative AI**

Reflect on the prior week's plan. How did it go? What would you do differently? How did you assess student learning? Gather feedback and suggestions from the fellows in your Circle to improve your plan.

## **Week 5: Creating a Sense of Belonging with Generative AI**

Review how AI can be used to create a sense of Belonging. Plan to use Generative AI using the Belonging EBTPs as a guide. Get and receive feedback and suggestions from the other fellows in your Circle.

## **Week 6: Reflecting on Creating a Sense of Belonging with Generative AI**

Reflect on what you did to incorporate Belonging using Generative AI, what students learned, and what you learned. Get and receive feedback and suggestions from the other fellows in your Circle.

## **Week 7: Using Challenges and Organized Teaching Practices with Generative AI**

Review how the Challenging and Organized EBTPs can support using Generative AI to increase student learning. Create a plan to embed Generative AI into a learning activity you plan to use with students. Get and receive feedback and suggestions from the other fellows in your Circle.

## **Week 8: Reflecting on Using Organized and Challenging Teaching Practices with Generative AI**

Reflect on what you did to incorporate Generative AI using specific Organized and Challenging EBTPs. What did students learn? What did you discover about your teaching? Get and receive feedback and suggestions from the other fellows in your Circle.

## **Week 9: Wrapping Up**

Wrap up your fellowship with a meta-reflection on what you learned and what you still have questions about. Develop the next steps to continue your teaching journey with Generative AI and Evidence-based Teaching Practices.