

TEACHING TIP OF THE MONTH

Teaching Tip of the Month

September 2023

Theme: Reminders about Artificial Intelligence (AI) for Teaching and Learning

Tip 1: Explore the Possibilities

The rapid spread of AI tools in recent years has opened the door to many possibilities. Working together, instructors and students can creatively maximize AI tools such as Chat GPT to enhance teaching and learning. Here are a few examples:

- Input one of your course outcomes and prompt the AI tool to generate a lesson plan for a time frame that includes an introductory activity, a hands-on task, and a formative assessment.
- Copy and paste a piece of original writing and ask the AI tool to give you specific feedback to make the piece more engaging to a particular audience. As the tool gives you a response, ask follow-up questions such as: Can you suggest an example? Can you suggest a better word/phrase to use instead of ___?
- Prompt the AI tool to generate a scenario that addresses a problem related to a course concept (e.g., residents in a community are debating the presence of a vape shop opening in their community).
- Generate a set of open-ended or multiple-choice questions to assess student learning on a specific concept. For the multiple-choice questions, you can specify the number of answer choices. You also can prompt it to generate questions for each level of Bloom's Taxonomy. For example, see [Comparing AI-Generated Questions using Bloom's Taxonomy](#) on The Hub.
- Use an AI image creation tool to generate images to incorporate into your presentations, complement written material, or illustrate a concept.
- Explain a project you want to start and ask the AI tool to brainstorm ideas for a topic, suggest resources to check, and help you organize the project.

Writing an effective prompt is essential to maximizing the use of AI tools. See [7 Tips: How to Write the Perfect Prompt for Generative AI Tools | LinkedIn](#) for a few ideas. You might have to tweak your prompt a few times to maximize the response.

Tip 2: Plan for the Challenges.

Using AI can be exciting, but it also comes with challenges for instructors and students. One way to address the challenges is to plan for them. Here are a few reminders to support responsible and ethical use of AI tools:

- Talk to your students about how best to use AI tools to support their learning versus using it to replace learning
- Include a statement in the syllabus that explicitly communicates how AI tools can and may not be used for the course (see [Faculty Concerns about AI-Sourced Texts.docx](#) for examples of statements)

- Direct students to the College's [academic honesty policy](#) and explain how honoring the policy benefits the College community.
- Build live demonstrations of AI into your course to illustrate in real time some of the challenges that come with using AI (e.g., inaccurate references, biased results, lack of current data) and discuss with students how to problem solve (e.g., verify all references, citations, fact-based information)
- Remind students about the many college resources available to them to support their learning experience (library, learning centers, office hours)

As we continue teaching and learning in the presence of AI, we want to hear your ideas! Please use the link or QR code below to complete a five-question survey about your successes, concerns, and questions about AI.

<https://forms.office.com/r/spASiuUFrp>



More Info on Teaching Tips

"Teaching Tips of the Month" began as a project of the Program for Active Learning in STEM (PALS) and Teaching to Increase Diversity and Equity in STEM (TIDES) grants. Many thanks to Ray Gonzales and Alla Webb, who served as Principal Investigators of the TIDES grants. You can view archived Teaching Tips of the Month on [The Hub](#). We welcome feedback and invite you to submit ideas for this publication to Angela Lanier, angela.lanier@montgomerycollege.edu

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