Washington University in St. Louis Washington University Open Scholarship

Generative AI Teaching Activities

Generative AI Teaching Materials Collection

Fall 2024

Using GenAI to teach information literacy in Engineering Technical Writing

Lauren Todd Washington University in St. Louis, lauren.todd@wustl.edu

Eliot Boden Washington University in St. Louis, eliot.boden@wustl.edu

Sam Lindgren Washington University in St. Louis, lindgrens@wustl.edu

Follow this and additional works at: https://openscholarship.wustl.edu/ai_teaching

Part of the Curriculum and Instruction Commons, and the Science and Mathematics Education Commons

Recommended Citation

Todd, Lauren; Boden, Eliot; and Lindgren, Sam, "Using GenAl to teach information literacy in Engineering Technical Writing" (2024). *Generative AI Teaching Activities*. 7. https://openscholarship.wustl.edu/ai_teaching/7

This Teaching Material is brought to you for free and open access by the Generative AI Teaching Materials Collection at Washington University Open Scholarship. It has been accepted for inclusion in Generative AI Teaching Activities by an authorized administrator of Washington University Open Scholarship. For more information, please contact digital@wumail.wustl.edu.

Technical Writing Fall 2024

Activity #1 PollEverywhere

- Prompt: What do you hope to learn today?
- One minute to anonymous free write.

Introduction:

- Name and Job Title
- Experience with the Class and/or library instruction
- How to Contact me
- Where are the students in the process? (Instructor)

Activity #2 PollEverywhere

- Prompt: Explain your possible topic idea.
- Write down what they knew, what they didn't, and what they might do next.
- One minute to anonymous free write.

Activity #3 AI

Using the AI LLM of Choice, explain your topic. Ask what are some areas I can research.

Activity #4 PollEverywhere

- Reflect on your experience explaining your topic to a human and a computer.
- Introduce AI Best Practices to Help with your research and writing.

Quicksearch

- Overview
- Create an account
- Try out your final project searches.

Activity #5 PollEverywhere

Reflect on your experience

LibGuide, Databases, & More

- Introduce the course guide: <u>https://libguides.wustl.edu/techwriting</u>
- Overview of Databases and the Database Finder
- LibKey Nomad
- Source Evaluation Page

Open Research Time

Activity #6 PollEverywhere (10 minutes left of class)

What are your next steps?

Close the Class

Contact information, how to get help and how to book appointments.

Activity #7 Polleverywhere

- Tell me one thing you learned today.
- Tell me one thing you want to learn more about

Activity #8 Polleverywhere

Questions