

# Workshop Ideas:

Write Essays about certain subjects. The goal here is to introduce the write prompt such that it doesn't read like a generic chatGPT paper. During this workshop we will want to go around the room and prompt (pun intended) students to engage with our prompt engineering strategies.

AI pitch blurb:

*Interested in refining your essay writing skills with AI? Our interactive workshop will teach you to navigate beyond generic AI-generated content to create unique, personalized essays.*

*We'll collaboratively explore prompt engineering strategies, offering hands-on experience in tailoring AI to your writing style. This transformative workshop invites you to rethink academic writing through AI, promising a fresh, impactful approach. Ready to embark on this insightful journey?*

Things we would like students to do:

- **Have chatGPT give feedback** on parts of the essay written by the student to help with grammatical issues and awkward sentence structures
- **Use prompt engineering techniques to get multiple variations** of different portions of their essay and select the best versions, this may include combining parts of different outputs
- **Guided brainstorming with ChatGPT:** Train students to use ChatGPT as a brainstorming tool. For example, students can learn to prompt the model to generate lists of possible thesis statements, arguments, or evidence for their essays.
- **Improving argument strength and coherence:** Students can learn to use ChatGPT to critique the strength and coherence of their arguments. They can input their thesis statements and main points into the model and ask it to identify any potential weaknesses or contradictions.
- **Enhancing vocabulary and stylistic choices:** Use the AI to help students enhance their vocabulary and improve their stylistic choices in their essays. For example, students could input sentences and ask the AI for more sophisticated or varied ways of expressing the same idea.
- **Developing an editing habit:** Use ChatGPT as a tool to encourage students to habitually revise and edit their work. By asking ChatGPT for feedback, students can compare their original work with the model's suggestions and make necessary changes for improvement.

- **Working on citation and reference skills:** Students could learn to use the model to help them create appropriate citations for their essays. They could prompt the model with information about a source and ask it to generate an MLA, APA, or Chicago style citation.
- **Understanding and evaluating counterarguments:** Train students to use ChatGPT to generate potential counterarguments to their thesis. This can help them anticipate objections and prepare well-reasoned responses.
- **Practice critical reading of AI-generated text:** As an essential part of AI literacy, students should also learn to critically evaluate the outputs generated by the AI, understanding its limitations and the areas where human judgment is still indispensable.

This workshop will focus on creating discussion prompts to review other students' work. This is often a requirement for many of our students' classes such as communication and thus may prove quite helpful. Also not sure about this one but an interesting blurb chatGPT generated for this workshop.

AI pitch blurb:

*Hey there! Ever thought about supercharging your class participation? Well, buckle up! Our workshop, "Prompt Engineering for Peer Review", is all about teaching you to use AI – yes, we're talking ChatGPT – to give top-notch, no-nonsense feedback on essays. You'll be doling out tips and suggestions like a pro!*

*This isn't just about essays though. This super skill is going to be your secret weapon in just about every class. And guess what? By getting good at reviewing, you're also going to see your own writing in a whole new light. So, let's jump into this world of AI-powered learning and make our classroom discussions way cooler and productive. Can't wait to see you there!*

Things we would like students to do:

- **Prompting for Feedback Structure:** Students can be trained to use ChatGPT to generate a structured feedback framework for essays. They could prompt the model with an overview of the essay and get an outline for potential feedback points.
- **Identifying Strengths and Areas for Improvement with ChatGPT:** Teach students to input sections of their peers' essays into ChatGPT, asking it to identify strengths and areas that need improvement. This can give them a starting point for their own review.
- **Evaluating Argument Logic with ChatGPT:** Students can prompt ChatGPT with the thesis and main arguments from the essay they are reviewing. The AI can help identify

logical inconsistencies, unsupported claims, or areas where further elaboration might be beneficial.

- **Enhancing Feedback Vocabulary:** Just as ChatGPT can help improve writing, it can also help enhance feedback language. Students could input their initial thoughts and ask the AI for more refined or articulate ways of expressing their feedback.
- **Generating Constructive Suggestions:** Students can ask ChatGPT for suggestions on how to improve specific sections of the essay. This can include suggestions for better transitions, sentence structure, or phrasing, providing concrete advice for their peers.
- **Creating Counterarguments with ChatGPT:** Students can prompt the model to generate potential counterarguments for the points made in the essay. This can help them evaluate whether the essay effectively anticipates and addresses opposing viewpoints.
- **Improving Feedback Delivery:** Students could use ChatGPT to improve the tone and phrasing of their feedback, making it more constructive, respectful, and encouraging.

The next workshop will focus on how we can use large language models to improve our learning. Some specific things we want to cover is helping students (or anyone else for that matter) clarify their understanding on topics that might confuse them, solve difficult coursework problems and summarize concepts in easy to comprehend language.

AI pitch blurb:

*Are you ready to make your learning journey smoother and more effective with AI? Join our interactive workshop "AI-Enhanced Learning", where you'll discover how large language models like ChatGPT can simplify complex topics, solve tricky homework problems, and summarize important information.*

*In this workshop, we'll dive into using AI to create study aids, practice language skills, boost creative thinking, and even build better presentations. You'll get to experience first-hand how AI can transform your academic endeavors*

*From memorizing facts to understanding abstract concepts, we've got you covered. So, are you ready to redefine learning and achieve academic success with the power of AI? Don't miss this chance. Join us in the exciting world of AI-Enhanced Learning!*

Things we would like students to do:

- **Unpacking Complex Concepts with ChatGPT:** Train students to use ChatGPT to break down complex academic concepts into simpler, easy-to-understand language.

- **Using AI for Problem Solving:** Teach students how to use AI to guide them through difficult homework problems, especially for subjects like math or physics. This can be done by prompting ChatGPT with the problem and asking for a step-by-step solution.
- **Improving Understanding with AI-Generated Summaries:** Encourage students to use ChatGPT to create summaries of difficult topics or texts. They can input the key points or the text itself and ask the model to generate a concise summary.
- **Promoting Self-Learning through Questions:** Students can use ChatGPT to generate potential test or exam questions on a particular topic. This way, they can check their understanding and get a sense of what they might be asked.
- **Enhancing Study Skills with AI:** Students can learn to use ChatGPT for creating study guides, flashcards, or mnemonic devices to help with memorization and understanding of topics.
- **Fostering Independent Research:** Train students to use AI to generate a list of resources or references on a specific topic. They can prompt ChatGPT with the topic and ask it to suggest books, articles, or websites for further reading.
- **Practicing Language Skills:** For students learning a new language, they could use ChatGPT to practice conversation, correct grammar, or enhance vocabulary.
- **Cultivating Creative Thinking:** Use ChatGPT to help students think outside the box. They can input a topic and ask the AI for creative or unconventional perspectives.
- **Developing Presentation Skills:** Train students to use ChatGPT to create outlines for presentations, helping them structure their thoughts effectively.