

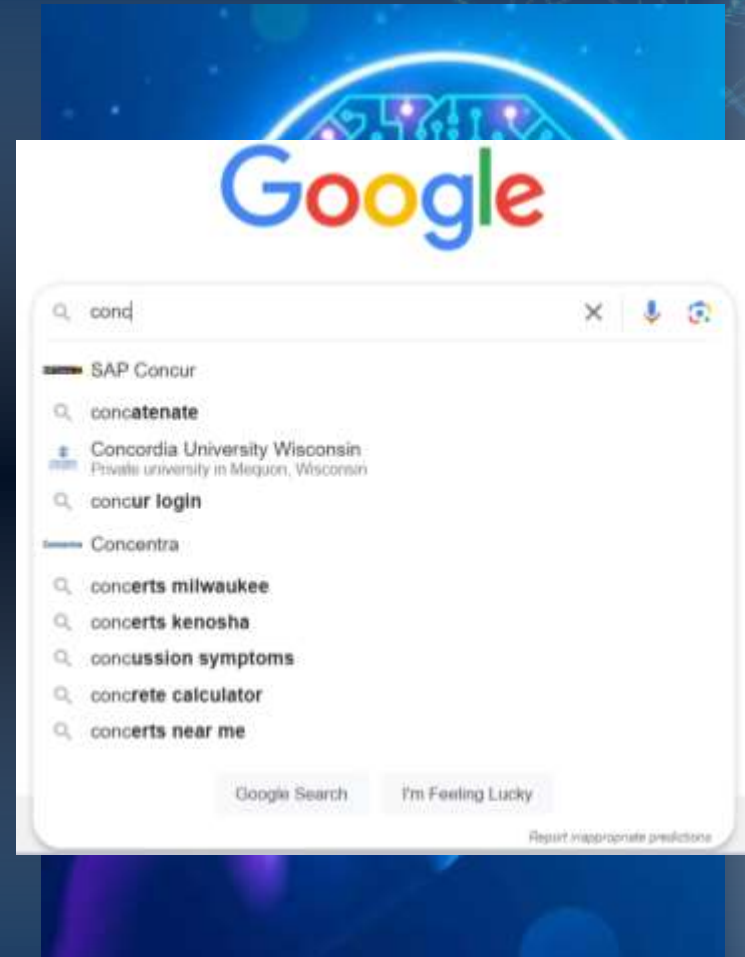


Encouraging Learning in the AI Age: Designing Assignments Post-ChatGPT

Bob Bruss (English) & Sam Speckhard (Nursing)

What is ChatGPT?

- Generative Artificial Intelligence
- Large Language Model Chat Bot
- Uses huge dataset to recognize patterns and probabilities
- NOT a calculator
- NOT thinking
- Our metaphor: **autocomplete on steroids**



Implications for Education

- Can generate lots of **material very quickly**
- **Well written** and can be rephrased/summarized in countless different styles
- Capable of digesting large volumes of written text
- Tempting shortcut that can **discourage critical thinking**
- Can generate material without understanding
- AI generated material can be **hard to detect**
- **Students need to learn** how to use this technology effectively and ethically

Implications for Education

As we described in class a couple days ago, Romanticism can be understood as a reaction against the values, beliefs, and outcomes of the Enlightenment. With that in mind, write a paragraph answering the following questions:

- 1.) What are some ways that characters or events in the first volume of Frankenstein, are drawn to Enlightenment goals/values (you can think about the influence of the Age of Exploration, the Scientific Revolution, or the political ideals of universal and natural rights).
- 2.) How does this text complicate/problematize/critique those Enlightenment pursuits?

Implications for Education

In the first volume of *Frankenstein*, Victor Frankenstein embodies the ambitious spirit of the Enlightenment. He devours scientific texts, mirroring the thirst for knowledge that fueled the Scientific Revolution. His ambition to conquer death and create life reflects the Enlightenment's belief in human potential and progress. Additionally, Victor's isolation in his studies echoes the solitary genius archetype of the Enlightenment, where reason reigns supreme.

However, the text problematizes this relentless pursuit of knowledge. Victor's obsession isolates him from family and friends, highlighting the potential for emotional neglect in the name of reason. The monstrous creation itself serves as a horrifying consequence of overstepping human boundaries. By portraying Victor's creation as grotesque and ostracized, the novel suggests that scientific progress without moral consideration can lead to disastrous results.

Implications for Education

Bob - Can you rewrite that answer but include quotes from the text to back up your claims?

Gemini - In the first volume of Frankenstein, Victor Frankenstein's character exemplifies both the allure and dangers of Enlightenment ideals. His insatiable thirst for knowledge is evident in his obsessive studies: "Natural philosophy [science] became the genius that regulated my studies; and, like the lover of music who ceases to care for anything else which does not relate to his beloved art, I lived and breathed nothing but the pursuit of knowledge" (Shelley, Chapter 2). This mirrors the Enlightenment's emphasis on reason and scientific discovery. Victor's ambition to conquer death aligns with the Enlightenment's belief in human potential and progress. He aspires to "pioneer a new way, explore unknown powers, and unfold to the world the secrets of nature demonstrated in a manner hitherto unattempted" (Shelley, Chapter 2).

Reflecting on our assignments

- **How susceptible** is this to generative AI?
- What are my primary **goals for student learning** with this assignment?
- What is the site of “**productive struggle**” I want students to engage with in this assignment?
- Can generative AI **undermine or facilitate** my goals or the productive struggle?
- Can this assignment **show the pros and cons** of AI usage to my students?

Designing for AI resistance

- A little **understanding and discouragement** go a long way
- Explain your **purpose and rationale** for assignments
- Encourage student buy-in and **flexibility**
- Lower stakes or allow resubmission
- Emphasize **process**, not just final product
- Experiment with AI yourself
- Incorporate **personal reflection**

- Design for AI resistance through:
 - Content
 - Format
 - Delivery



Designing to leverage AI

- Frame AI as **step in the process**, not the end goal
- Encourage students to be **transparent** about how they're using AI
- Emphasize:
 - Context
 - Choice
 - Iteration
 - Evaluation
 - Reflection





Discussion



Ask



Share



Workshop

