

Amplifying Student Voices

Unleashing the Potential of ChatGPT in Online Learning

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Session Overview

- Using Large Language Model
 - ChatGPT
 - Microsoft CoPilot
- Responsible use of AI
 - Brainstorming
 - Research
 - Writing
 - Tutoring
- Learning Theories
 - Constructivism
 - Connectivism
 - Cognitivism
- Best Practices
- Ethical Considerations
- Challenges

Introduction to Artificial Intelligence

- Embracing the Adoption of Artificial Intelligence (AI)
- What is Large Language Model? (LLM)
- Guiding Students to Effectively use AI Platforms
- Flip Focus from Cheating to Learning Tool
- Learning Theories
 - Constructivism
 - Connectivism
 - Cognitivism

AI Tools: Student Applications

1. Brainstorming
2. Research
3. Writing
4. Tutoring

Using ChatGPT - Discussions

- Be sure you have created your ChatGPT account.
- Virtual Discussions
 - Prompts:
 - What are common barriers to critical thinking, and how might people overcome or avoid those barriers?
 - What is the difference between an inductive argument and a deductive argument?
 - What are the most common arguments for and against facial recognition?

Using ChatGPT – Writing Assistance

- Brainstorming Example
 - Prompt: List words and phrases associated with the social learning theory.
- Overcoming Writer's Block
 - Prompt: Write the opening paragraph of a persuasive essay about the advantages of transformational leadership.
- Generate a Thesis
 - Prompt: Generate a thesis for a five-page essay on transformational leadership
- Grammar Check
 - Prompt: Check my essay for grammar, spelling, punctuation, syntax, and originality.

Using ChatGPT – Collaborative Projects

- Instructors should advise students about how an LLM might be used in team projects.
- Prompts for instructors
 - How can students use ChatGPT for collaborative projects?
 - How can I guide my students using ChatGPT for team projects?
 - What specific prompts can a student team use in a team project?

Best Practices

- Standardized AI Policy
- AI Training for Faculty & Students
- Create a video explaining the basics of using an LLM (in this case, ChatGPT)
- Instructors should communicate to students their role and responsibility in using LLM tools appropriately in the educational process.
- Instructors should communicate their role to students and consider whether they are interfering too much or not enough.

The key to getting the best results from ChatGPT is crafting specific prompts

Ethical Considerations

- Uploading Student Work to AI Detectors
- Disclosure & Citations of AI Use
- Accuracy of Information
- Avoiding Misuse
- Individual Work

Challenges

- AI is All Around Us
- Evolving Rapidly
- Intimidation
- Misuse of AI Tools
- Lack of clear steps to integrate LLMs
- Unclear purpose for using LLMs
- Fail to formulate prompts for LLMs
- Too much guidance by instructors
- Not enough guidance from instructors

Conclusion

- Maintain Transparency
- Uphold Academic Integrity
- Responsible AI Use
- Supplement to Learning
- Setting Expectations/Provide Clear Guidelines
- Modeling Responsible Use
- Provide Clear Guidelines
- Leveraging AI for Enhancement
- Encourage Critical Thinking
- More Ideas:
 - [Assigning AI: Seven Approaches for Students with Prompts\(opens in a new tab\)](#)

References

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