

ChatGPT and Instruction: Rethinking Assessment

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Agenda

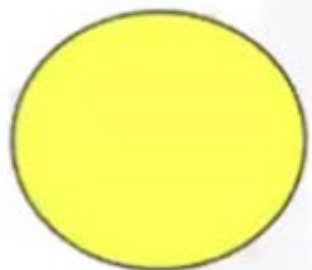
- Key Concepts
- Activity
 - Rubrics
 - Quizzes
 - Assessment/assignment

Key concepts

Stoplight for Assignments



NO AI: Mitigate but explain why



SOME AI: Ideas or Editing Only?
Which tools and when?



ANY AI: Go but document and credit

Strategies across assignments

- Create assignments that maintain the same learning outcomes
- Reframe assessment practices
- Design authentic assessments
- Set reasonable workloads
- Be flexible
- Offer multiple ways for students to meet learning objectives
- Scaffold assignments
- Increase student motivation to learn



Bowen, J. A., & Watson, E. C. (2024). *Teaching with AI*. Johns Hopkins University Press.

EDUCAUSE. (2024). *Leveraging ChatGPT for Learning* [Course module 2]. In *Teaching with Artificial Intelligence*. EDUCAUSE Learning Initiative.

Intentional ChatGPT integration in assignments

Make ChatGPT an intentional learning partner:

- Require students to identify and explain AI contributions
- Incorporate reflection prompts on their AI use
- Ask students to test and critique AI's limitations
- Emphasize multi-step assignments
- Reward the process
- Create Reiterative Assignments



ChatGPT as a teaching Assistant

- ChatGPT as Mentor
- ChatGPT as Coach
- ChatGPT as Simulator
- ChatGPT as Tool

ChatGPT as Mentor



ChatGPT as Coach



ChatGPT as Simulator



ChatGPT as Tool



Demo

ChatGPT as Assessment Assistant Choose one:

1. Rubric Design
2. Quiz Generator
3. Assignment Scaffolding

Instructions:

- Run the prompt in ChatGPT
- Review the output
- Edit and refine as needed

Activity

Sample Prompts:

Rubric: "Create a detailed rubric for a research paper in [your discipline] that assesses analysis, clarity, citations, and originality."

Quiz Prompt: "Generate 5 multiple choice questions (with answers) on [topic], at a college level."

Scaffolding Prompt: "Outline a 3-step version of this assignment [insert prompt] that encourages process and reflection."

Breakout

Question

- One way I plan to rethink or redesign assessment using ChatGPT is...

Final Thoughts

- Prioritize process, engagement, and motivation
- Design assignments that can't be completed solely by AI
- Scaffold assignments and require reflection
- Emphasize student voice and ownership

Superpower as an educator

- ChatGPT can generate the answer. But you can create connections, meaning, and purpose

Next Workshops:

- ChatGPT and Instruction: Inclusive & Equity-Minded Teaching (Th 4/17)
- Creating Custom GPTs (F 4/18)

All workshops are from 11am -12pm and by Zoom

Collection of AI-enhanced Assignments from Various Universities

Assignment Ideas

- Guide that highlights ideas for using chatbots in classroom assignments and activities based on the [ChatGPT Assignments to Use in Your Classroom Today](#) book from the University of Central Florida. Created by the University of Michigan
- [Book Guide - Using GenAI in Classroom Assignments and Activities \(U-M TTC\)](#)
- [Book Guide - Using Chatbots in Classroom Assignments and Activities](#) Created by the University of Michigan.
- [TILT Higher Ed: Transparent Assignment Template](#)
- [Creative ideas to use AI in education](#)
- [CCC Activities & Personas](#)
- [Incorporating AI in Teaching: Examples from Yale Instructors.](#)
- [AI PEDAGOGY PROJECT Project metaLAB \(at\) Harvard: Assignments.](#)
- José Antonio Bowen - [Writing Assignments Post-AI](#)

Other Resources

- [AI for Education: Studies Related to Generative AI in Education](#)
- [EDUCAUSE: Striking a Balance: Navigating the Ethical Dilemmas of AI in Higher Education](#)
- Stanford University: [Resources.](#)

Assignment examples

Additional information

ChatGPT-resistant assignments

- Presentations and conferences
- Oral Exams
- Video projects
- Podcasts
- Personal writing
- Social annotations
- Traditional assessments

ChatGPT augmented assignments

- Select an Appropriate Assignment
- Define Clear Guidelines
- Provide Instructions and Training
- Set Clear Learning Objectives
- Monitor and Support
- Reflect and Evaluate

Live, Local and In-Person

- Propose innovations to our core curriculum that reflect your favorite ideas from this class
- Field research, first-hand data, make observations or do interviews
- Create voter guides for different local communities
- Research a local project
- Real-time challenges or writing
- Physical sources (hard copies in a library)
- Class debates

Personal, Social & Peer Work

- Identify three distinct passions of yours and apply them to a problem related to this course.
- Select a recent class discussion or controversy. Describe the viewpoints of diverse constituents and present a plan to find common ground using three or more techniques from this class.
- Analyze the role of social media/art/music/food in your life and apply it to a topic in this course.
- Use your new understanding to help an organization that matters to you.
- Design and test a better process for community meetings.
- Peer Review

Group Writing & Collaboration

- Discussion boards
- Shared Google Docs
- Social annotation: