

ChatGPT: Making AI Work for You





Session Resources:

- Session will be recorded.
- Slide deck will be shared.
- Links to resources throughout presentation.
- Book a consultation with your instructional designer!

Agenda



Defining Generative AI



How to Make ChatGPT Work for You



How to Make ChatGPT Work for Your Students



How to Prevent Academic Misconduct



How to Learn More about ChatGPT

Defining Generative AI



What is Generative AI?

Generative AI is a type of artificial intelligence that can create new and original content, such as images, text, or music, based on patterns and examples it has learned from existing data.

Examples of Generative AI:

- 💬 [ChatGPT](#)
- 💬 [Google Bard](#)
- 💬 [Goblin.Tools](#)
- 🖼️ [Dall-E \(\\$\)](#)
- 🖼️ [Microsoft Designer](#)
- 🖼️ [Midjourney](#)

T

Write a 2-4 sentence email to the faculty of Tennessee Tech University, welcoming them to the session titled: ChatGPT: Making AI Work for You. Use a friendly but professional tone.





Subject: Welcome to "ChatGPT: Making AI Work for You" Session!

Dear Tennessee Tech University Faculty,

We are delighted to extend a warm welcome to you for the upcoming session, "ChatGPT: Making AI Work for You." We are excited to have you join us to explore the incredible potential of AI in education and beyond. Get ready for an engaging discussion on how ChatGPT can enhance your teaching and research endeavors. Looking forward to an insightful and productive session together!

T

Write a 2-4 sentence email to the faculty of Tennessee Tech University, welcoming them to the session titled: ChatGPT: Making AI Work for You. Use a friendly but professional tone. 

View other drafts 



Sure, here is a 2-4 sentence email to the faculty of Tennessee Tech University, welcoming them to the session titled: ChatGPT: Making AI Work for You, in a friendly but professional tone:

Dear Faculty,

I hope this email finds you well.

I am writing to welcome you to the upcoming session titled "ChatGPT: Making AI Work for You." This session will explore the possibilities of using large language models like ChatGPT to automate tasks, generate creative content, and answer your questions in an informative way.

I hope you will join us for this informative and interactive session.

Sincerely,
[Your Name]

I hope this is helpful! Let me know if you have any other questions.

Google Bard

goblin.tools

Magic ToDo
Formalizer
Judge
Estimator
Complier
Chef

Formalizer

Turn the spicy thoughts into classy ones, or vice versa

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Make my text:

More professional

Convert



More professional

More formal

More informal

More sociable (waffle)

More to the point (unwaffle)

Less emotional

More passionate

More sarcastic

Bullet points

A single word (thesaurus mode)

Subject: Invitation to "Growth" Session

Dear Faculty members,

We are pleased to

"ChatGPT: Harnessing

joining us to discuss

applications. During

surrounding the ways in which ChatGPT can significantly augment your teaching and research pursuits. Anticipating an enlightening and fruitful session together!

Best regards,

"Growth" Session

session titled

ed that you will be

various educational

king conversation

Have you used ChatGPT/ Generative AI?

MS Poll

How to Make ChatGPT Work for You



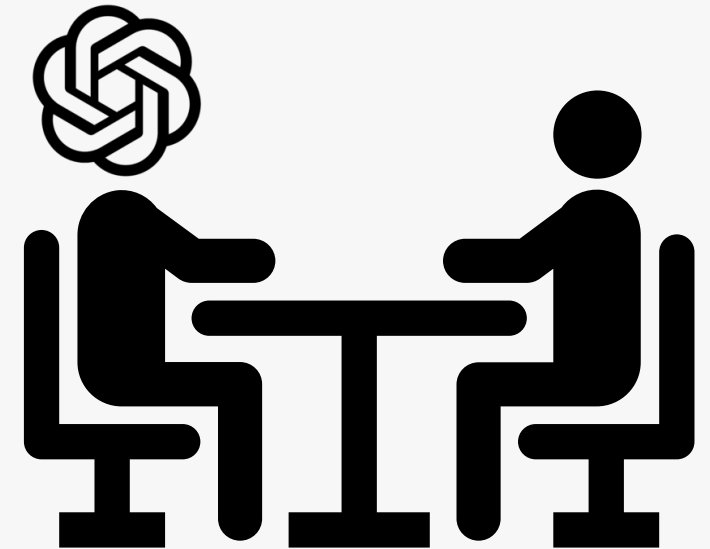
"Don't think of ChatGPT as a computer giving you an answer, think of it as a friend giving you advice."

"I have a new advisor in my office...it's ChatGPT..."

"It is derivative. The danger is when we thinks it's giving us answers. It's a good thing to bounce ideas off of."

Andrew Fieldstein

Assistant Provost for Teaching Innovation and Learning Technologies
Fort Hays State University
OLC Innovate 2023



Things to Consider

ChatGPT is

An assistant who summarizes content for you, but it's a different assistant every time.

Prone to getting stuck in an algorithm

- It learns your voice/question types.
- You can open a new chat and get different results.
- You can regenerate responses.

A good place to jumpstart ideas.



Tell us in
the chat!

**How have you
used ChatGPT
or Generative
AI?**

Making ChatGPT Work for You

Writing
Course
Objectives

Email Drafts

Lesson Plans
with Active
Learning

Recreating
Assignments

Writing
Instructions

Discussion
Prompts

Formative
Assessment
Questions

Providing
Feedback

Creating
Rubrics

Prompting

Initial Prompts

- Explain _____ to me like a fifth grader
- Write as a(n) _____.
- Summarize _____.
- Write to _____.
(audience)

Refining Prompts

- Go on...
- Can you rephrase that?
- Make this shorter/longer.
- Use a friendlier/more professional tone.
- Reformat into sentences.


Elaboration Prompts

- Can you provide more information about _____?
- Could you provide some examples to illustrate your point?
- Explain the steps involved in _____.
- How does [specific topic] relate to [another topic]?

Example #1:

T Write a multiple choice question about stress and fatigue in materials for Mechanical Engineering.



 Multiple Choice Question:
Which of the following statements accurately describes the relationship between stress and fatigue in materials for Mechanical Engineering?


- A) Stress has no influence on material fatigue.
- B) Higher stress levels can extend the fatigue life of materials.
- C) Fatigue occurs only in low-stress applications.
- D) Increased stress can significantly reduce the fatigue life of materials.

Please select the correct option.

T What is the correct answer?

< 2/2 >



 The correct answer is:

D) Increased stress can significantly reduce the fatigue life of materials.

In mechanical engineering, fatigue refers to the weakening of materials over time due to repeated loading and unloading, which can lead to failure even under stress levels well below the material's ultimate strength. High levels of stress can accelerate this process and reduce the fatigue life of materials, making them more prone to failure. Therefore, it is essential to consider fatigue properties when designing and analyzing mechanical components subjected to cyclic loading.

Example #1 (cont.):

T

Create feedback for correct and incorrect answers.



Correct Answer (D) feedback:

Great job! You have selected the correct answer. In mechanical engineering, materials subjected to increased stress are more susceptible to fatigue failure. Understanding the relationship between stress and fatigue is crucial for designing durable and reliable components.

Incorrect Answer feedback (A, B, C):

Oops, that's not the correct answer. In mechanical engineering, the relationship between stress and fatigue in materials is essential to consider. Higher stress levels can significantly reduce the fatigue life of materials, leading to potential failures over time. Make sure to remember this concept when designing mechanical components and systems to ensure their longevity and safety.

Example #2:

Turn this course objective "Learn about the Civil War." more actionable by using Bloom's verbs. I want them to tell me what were some of the causes of the Civil War.

Revise the course objective to align with Bloom's Taxonomy by focusing on specific verbs that describe the intended learning outcome. Here's an example:

- Analyze the causes of the Civil War by identifying the political, economic, and social factors that contributed to the conflict.

This revised objective shifts the focus from simply "learning about" the Civil War to analyzing and identifying specific causes of the conflict. It uses the Bloom's Taxonomy verbs "analyze" and "identify" to specify the intended learning outcome, which is to gain a deeper understanding of the factors that led to the Civil War.

Example #2 (cont.):

Original Objective:

Learn about
the Civil
War

ChatGPT (SMART):

By the end of the course, students will be able to accurately describe the major causes, events, and outcomes of the American Civil War through written analysis and discussion with at least 80% accuracy on a comprehensive exam.

ChatGPT (ABCD):

- A. By the end of the unit,
- B. Given online articles and primary source documents,
- C. Students will be able to explain the major causes and events of the Civil War, and
- D. Provide at least two examples of the impact the Civil War had on American society.

How to Make ChatGPT Work for Your Students



Generative AI Syllabus Statements

Open Use

AI is **allowed** to be used throughout the course so long as it is done so with proper citations and with attribution.

Proper citation guidelines can be found on the [CITL website](#).

Moderate Use

AI is **permitted on specific assignments** or **within set parameters** by the instructor.

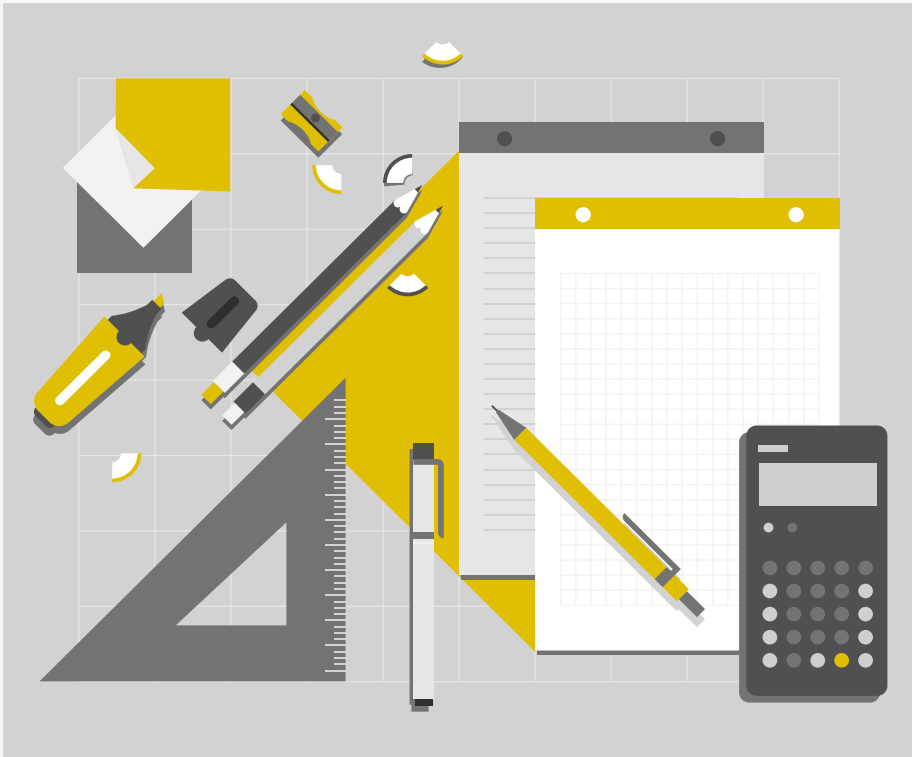
These specific instances are outlined in the course syllabus and assignment instructions.

Closed Use

AI is **not permitted** for any use within the course.

The use of a Generative AI Tool to complete coursework constitutes academic misconduct for this course.

How Students Can Use ChatGPT



Procedural: Make it part of the brainstorming process for students.

Creative: Have ChatGPT create a 3-day itinerary to _____ and integrate it into their creative writing.

Use it as a tool: Use generated outputs as starting point—How can we improve on it?

Research Instrument: Use AI to generate research search words and phrases and ideas for digging deeper into a subject.

Student-friendly AI sources: [Goblin.tools](https://goblin.tools)

Questions to Consider:



What is the best practice for generative AI in your industry?



What are some effective ways students could leverage AI for time management or organizational purposes?

Refining Prompts for Student Practice

[See Chat Example](#)

Original Question

Can you help me practice for an interview for _____ position?

Refined Question

I am applying for _____ position and would like to practice my interview responses. Please ask me interview questions one at a time and wait for my response. After I respond, please give me feedback and ask the next question.

How to Prevent Academic Misconduct



Before AI: How did we discourage cheating?

- Communication of expectations and consequences
- Turnitin and other plagiarism detectors
- Proctored exams- Respondus Lockdown Monitor
- Create a classroom culture and community of learners that values and emphasizes the process of learning over the final product.

After AI: How do we discourage cheating?

This is still a good place to start.

- Communication of expectations and consequences
- Turnitin and other plagiarism detectors
- Proctored exams- Respondus Lockdown Monitor
- Create a classroom culture and community of learners that values and emphasizes the process of learning over the final product.

After AI: Best Practice for Academic Integrity

- Communication of expectations and consequences: Let students know what acceptable and unacceptable use of AI looks like in your classroom.
- Use edtech tools to keep boundaries in place: Turnitin, Respondus Lockdown Monitor, Respondus Browser
- Create a positive classroom culture and community that values the process of learning.
- Teach students how to use Generative AI responsibly.

How to Learn More About ChatGPT





Dig in!

Try it out!



LinkedIn Learning Resources:

[Introduction to Prompt Engineering for Generative AI](#)

[What is Generative AI?](#)

[Ethics in the Age of Generative AI](#)

[How to Boost Your Productivity with AI Tools](#)

[Get Ready for Generative AI](#)

[How to Research and Write Using Generative AI Tools](#)

[Generative AI for Creative Pros: Opportunities, Issues, and Ethics](#)

Thank you!

Questions,
Comments,
Concerns?

[Feedback Survey](#)

Next Week's Session:
Bloom's and Maslow's (8/29)
[Register](#)

References:

- Kuykendall, K. (2023, March 27). *Is ChatGPT the End of Writing? Turnitin Believes It Could Actually Boost Students' Writing Instruction*. The Journal. [Web Address](#).
- Miller, M. (2022, Dec. 17). *ChatGPT, Chatbots and Artificial Intelligence in Education*. Ditch That Textbook. [Web Address](#).
- Ofgang, E. (2023, Apr. 4). *4 Ways to Use ChatGPT to Prepare for Class*. Tech & Learning. [Web Address](#).
- Ofgang, E. (2023, Feb. 6). *How to Prevent ChatGPT Cheating*. Tech & Learning. [Web Address](#).

Resources:

- [ChatGPT](#)
- [TnTech CITL: AI in the Classroom](#)
- [AI Syllabus Statements](#)
- [Policy 217: Student Academic Misconduct Policy](#)