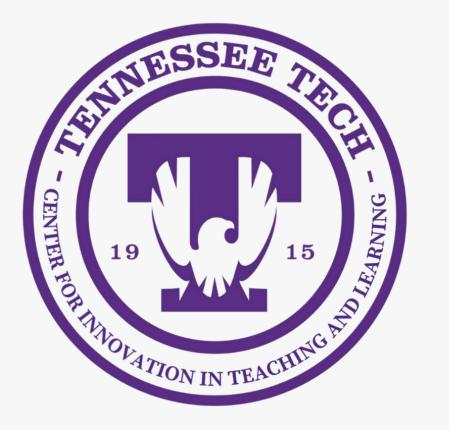
USING AITO **REDUCE YOUR** ACADEMIC WORKLOAD



MEET THE INSTRUCTIONAL DESIGNERS



Heather Rippetoe College of Education Whitson-Hester School of Nursing College of Fine Arts



Mallory Matthews College of Business Interdisciplinary Studies Agriculture & Human Ecology



Lacy Means

College of Arts & Sciences



Carrie Roberson

College of Engineering

SESSION RESOURCES

- Session will be recorded.
- Slide deck will be shared.
- We will be in the chat to answer any questions.
- Book a <u>consultation</u> with your instructional designer!



AGENDA

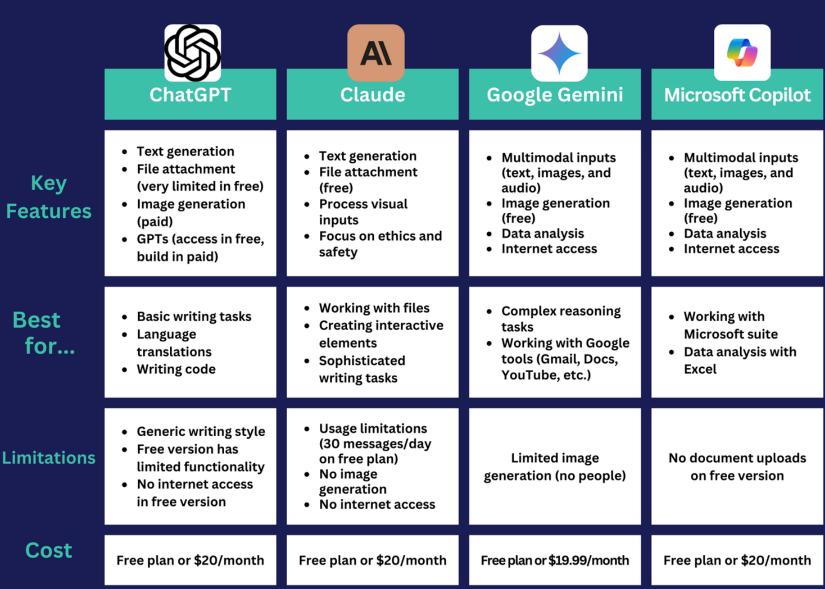
Overview of AI Tools

- How to use AI to reduce your academic workload?
 - A Automate Tasks
 - B Brainstorm Questions
 - C Create Rubrics
 - D Discover Misconceptions

Navigating AI Chatbots:

Comparative Guide from Al for Education

Chatbot Cheatsheet



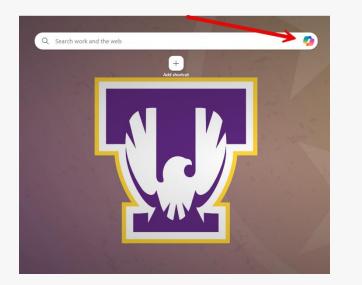
Chatbot Cheatsheet – AI for Education

WHAT IS COPILOT?

- Al-powered assistant designed to enhance productivity
- Provides intelligent suggestions and can automate repetitive tasks
- Offers insights based on data analysis
- Improves efficiency and effectiveness in completing tasks

INSTANT POLL QUESTION: WHO HAS USED COPILOT?

If yes, answer in chat how you used this application. If no, answer in chat if you have used other AI tools.

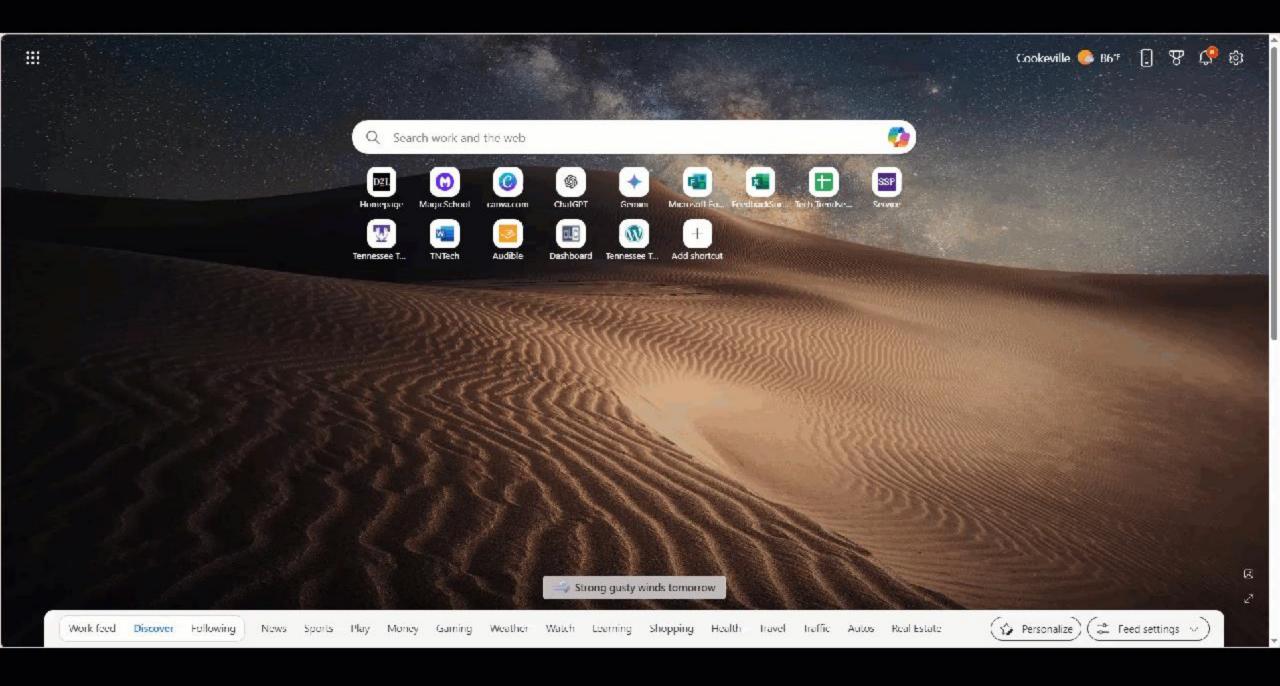




Your everyday AI companion

HOW DO I ACCESS COPILOT?

- Open Microsoft Edge browser on your computer
- Click on Copilot icon
- Start asking questions, generating content, or getting assistance



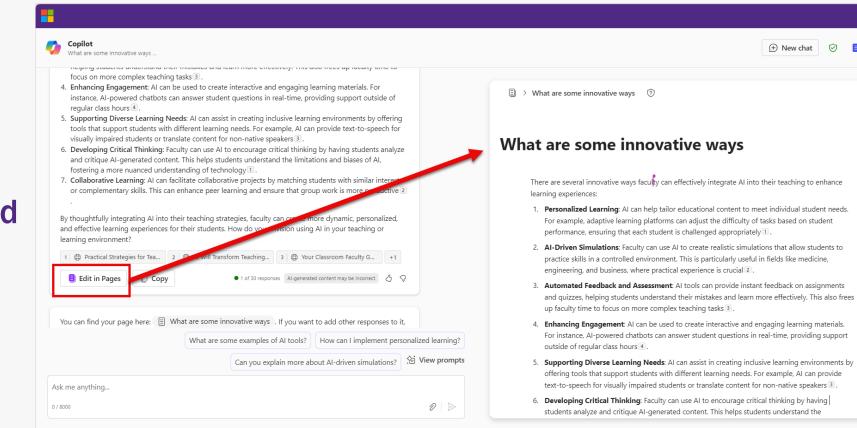
COPILOT UPDATES

Copilot now saves your chats

			• • Chats	ke a teacher. I'm nee
	Copilot Your everyday Al companion		Write ar	n email to my studen
 Find the right questions Suggest common questions that can be asked to get a retrospective started with my colleagues Interview warning signs What are some red flags to watch out for during an interview? 	 Explain the weirdness Give me a weird fact and hypothesize what it reveals about the world Code a binary search in Python Write a Python script to perform 	 Stand out on socials What are some tips for writing a great LinkedIn post? Create a pop art image Create a pop art image of a woman wearing sunglasses and a 		in Question Ideas: I ai re 5 - 6 ways to beat nore

COPILOT UPDATES

Integrates with Microsoft Loopallowing you to add collaborators



e ×

"AI IS MORE THAN AN ASSISTANT: IT IS A NEW COLLABORATOR."

Bowen & Watson -Teaching with AI

PROMPTING & INTERACTING WITH AI

Putting AI to Work for YOU!

GenAl Chatbot Prompt Library for Educators

"Your goal is simple: spend 10 hours using Al on tasks that actually matter to you. After that, you'll have a natural sense of how Al fits into your work and life. You'll develop an intuition for effective prompting, and you'll better understand ai's potential. Don't aim for perfection - just start somewhere and learn as you go."

- ETHAN MOLLICK, ONE USEFUL THING BLOG & COINTELLIGENCE



AUTOMATING TASKS





"Al can already do many things faster than humans can, and it is especially good at the skilled and detailed but repetitive jobs that are part of much educated expert work. Al can alphabetize, format, scan, summarize, collate, and translate at dramatically increased scale and speed."

> Bowen & Watson -Teaching with AI

TASK EXAMPLES

• Al can help with small, timeconsuming tasks- freeing up more time in your schedule.

• Example: creating the dates in a pacing guide <u>Weekly Date</u> <u>Ranges</u>

• Example: Drafting an email to students

I need a course schedule template that has these weeks in one column, lessons in the middle, and asssignments at the end. 10/7-10/18 is Fall break, please note that.

Here's a simple course schedule template based on your requirements:

.....

Copil

Week	Lessons	Assignments	
8/5-8/9			
8/12-8/16			
8/19-8/23			
8/26-8/30			
9/2-9/6			
9/9-9/13			
9/16-9/20			
0/22.0/27			
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AUTOMATING TASKS







Summarize Files

Generate Images

Synthesize Schedules

Schedule Example:

Student A would like 10 hours a week, has class on MWF and is free on TR

Student B would like 15 hours, or as close as possible, has school on TR, but is available MWF

Student C would like 12-15 hours, or as close as possible, has school on MTWF, but is available M from 12-4:30, Tuesday from 1-4:30, Wednesday from 8-11:30, and all day Thursday, and not available on Friday.

Student D would like 10-15 hours, or as close as possible, has school on MTWR, but is available MW from 8-12, and TR from 12-4:30 and all day Friday.

You are the manager in charge of student work schedules. You need to devise a work schedule for these students in your office. The office hours are from 8-4:30. You need one student in the office M-F, without overlapping, from 8-4:30. Put this in table format. If you need additonal information, please let me know.

To create a work schedule that meets the office's needs while considering the availability and preferences of the students, I've designed the following table. The schedule ensures that there is coverage in the office from 8:00 AM to 4:30 PM, Monday through Friday, without overlapping shifts.

Here is the proposed work schedule:

Day	8:00 AM - 12:00 PM	12:00 PM - 4:30 PM	Total Hours (per day)
Monday	Student D (8:00 - 12:00)	Student C (12:00 - 4:30)	8.5 hours
Tuesday	Student A (8:00 - 12:00)	Student C (12:00 - 4:30)	8.5 hours
Wednesday	Student D (8:00 - 11:30)	Student A (11:30 - 4:30)	8.5 hours
Thursday	Student B (8:00 - 12:00)	Student C (12:00 - 4:30)	8.5 hours
Friday	Student D (8:00 - 4:30)		8.5 hours

Breakdown of Hours Per Student:

- Student A: 10.5 hours (Tuesday: 8:00-12:00, Wednesday: 11:30-4:30)
- Student B: 12.5 hours (Thursday: 8:00-12:00, Friday: 8:00-4:30)
- Student C: 15 hours (Monday: 12:00-4:30, Tuesday: 12:00-4:30, Thursday: 12:00-4:30)
- Student D: 15 hours (Monday: 8:00-12:00, Wednesday: 8:00-11:30, Friday: 8:00-4:30)

This schedule aligns with the office's operational needs and the students' availability and preferences. Let me know if any adjustments a \checkmark equired.

TEACHING WITH AI

COURSE DEVELOPMENT

- Develop and refine learning objectives
- Check for alignment
 between assessments and
 goals
- Syllabus wording
- Student friendly tone

TEACHING

- Create templates for students to use
- Feedback on lesson plans
- Ideas for enhancing the course content
- Real World Connections
- Refresh current assignments

ASSESSING

- Create Rubrics with Al
- Assignment instructions
- <u>Exemplar/Non exemplar</u> models
- Generate case studies
- Quizzes

CAN AI HELP WITH GRADING?



Some Considerations:

- **1.** Al does not know your students.
- 2. Al isn't perfect.
- 3. You can't rely solely on AI for Grading.
- 4. You are ultimately responsible.

* Adapted from Teaching Effectively with ChatGPT by Dan Levy & Anglea Perez Albertos

BRAINSTORMING QUESTIONS





BRAINSTORM QUESTIONS WITH AI

Types of questions:

- Discussion Forums/Boards
- Class Discussion Questions
- Essential Questions
- Retrieval Practice
- Quiz / Test Questions



BENEFITS OF BRAINSTORMING WITH AI



BRAINSTORMING QUESTIONS

ChatGPT / Copilot

- Provide ChatGPT or Copilot with the topic and key concepts.
- Ask the AI to generate multiple-choice or shortanswer questions.
- Review and select the most relevant questions.

Create a 20 question multiple choice or short-answer quiz about the fundamentals of ASL

Here's a 20-question quiz about the fundamentals of American Sign Language (ASL):

Multiple Choice Questions

\$

- 1. What does ASL stand for?
 - a) American Speaking Language
 - b) American Sign Language
 - c) American Signal Language
 - d) American Standard Language
- 2. Which hand is typically used as the dominant hand in ASL?
 - a) Left hand
 - b) Right hand
 - c) Either hand, depending on the signer
 - d) Both hands equally
- 3. What is the ASL sign for "thank you"?
 - a) Touching the chin and moving the hand outward
 - b) Waving the hand in front of the face
 - c) Tapping the chest twice
 - d) Making a thumbs-up gesture

CREATING RUBRICS





CREATING RUBRICS



Criteria Suggestion

Al can suggest relevant criteria based on the learning objectives and course content, ensuring a comprehensive assessment.



Performance Level Descriptions

By analyzing previous rubrics and assessments, AI can help draft detailed descriptions for each performance level, providing clarity and consistency.



Rubric Customization

Al can offer customizable templates that instructors can modify to fit their specific needs, saving time on rubric creation.

EXAMPLE RUBRIC

Criteria	Level 5 5 points	Level 3 3 points	Level 1 1 point	Criterion Score
Response to the Prompt	5 points: Fully addresses all aspects of the prompt.	3 points: Addresses some aspects of the prompt.	1 point: Minimally addresses the prompt.	/ 5
Word Count or Video Length	5 points: Meets or exceeds 150 words or provides a 2-3 minute video.	3 points: Below 150 words or less than 2 minutes.	1 point: Significantly below 150 words or very short video.	/ 5
Engagement and Critical Thinking	5 points: Demonstrates deep understanding, critical thinking, and provides insightful analysis or reflection.	3 points : Demonstrates some understanding and critical thinking with limited analysis or reflection.	1 point : Demonstrates very limited understanding and critical thinking with no analysis or reflection.	/ 5
Response to Peer's Post	5 points: Responds to a peer's post in an intelligent and respectful manner, providing thoughtful and constructive feedback or additional insights.	3 points: Responds to a peer's post with limited feedback or insights.	1 point: Responds to a peer's post in a superficial manner with no meaningful feedback or insights or does not respond to a peer's post at all.	/ 5
Total		·	·	/ 20

Educator Resources for iLearn Rubrics

SEE IT IN ACTION



<u>Creating a</u> <u>Rubric</u>

DISCOVERING MISCONCEPTIONS







HOW CAN EDUCATORS USE AI TO BETTER UNDERSTAND & PREDICT STUDENT MISCONCEPTIONS?

DISCOVERING MISCONCEPTIONS

"Al, please look over this lesson plan and tell me where students may be confused. What holes do you see in this content?"

.

"Al, please analyze the <u>assignment instructions</u> for this final project and break them down into more manageable steps. Include feedback about any parts that may confuse students"



"AI, 75% of my students missed this question {insert question}. Provide ideas, videos, and links to give to students to mediate the misconception. Check out this <u>Copilot example.</u>



MISCONCEPTION EXAMPLES

- Identifying patterns in student errors
- Enhancing clarity in assignment instructions
- Simplifying syllabus language for students
- Anticipating and addressing student misunderstandings
- Customizing guidance based on student responses
- Chunking complex concepts into digestible formats



"SOYOU CAN DO MORE OF WHAT AI CAN'T."

Bowen & Watson -Teaching with AI

Resources:

Video Tutorials

- MS CoPilot Lab(opens in a new tab)
- <u>Using CoPilot in Outlook Email(opens in a new</u> <u>tab)</u> Scott Brandt [15:42]
- <u>7 Essential Copilot Al Tips for Microsoft Outlook</u> <u>Users(opens in a new tab)</u> Teacher's Tech [9:19]
- <u>How to Use Microsoft Copilot in PowerPoint &</u> <u>Save Time(opens in a new tab)</u> Scott Brandt [11:26]
- Best Prompts for Copilot in Excel(opens in a new tab)
 DataRift [8:02]
- <u>How to use Copilot in Excel (Step-by-Step</u> <u>Guide)(opens in a new tab)</u> Teacher's Tech [13:50]
- (opens in a new tab)Official Microsoft Copilot Tips <u>Playlist(opens in a new tab)</u> [Short Videos]
- Introducing Microsoft Copilot App(opens in a new tab) [1:06]

Other

- <u>Chatbot Cheatsheet AI for Education</u>
- Bowen, J. A., & Watson, C. E. (2024). Teaching with AI: A practical guide to a new era of human learning. Johns Hopkins University Press.

THANK YOU!

Feedback Survey

Next Week's Session:

Semester Wrap-Up



Register

Book a Consultation

Questions, Comments, Concerns?