

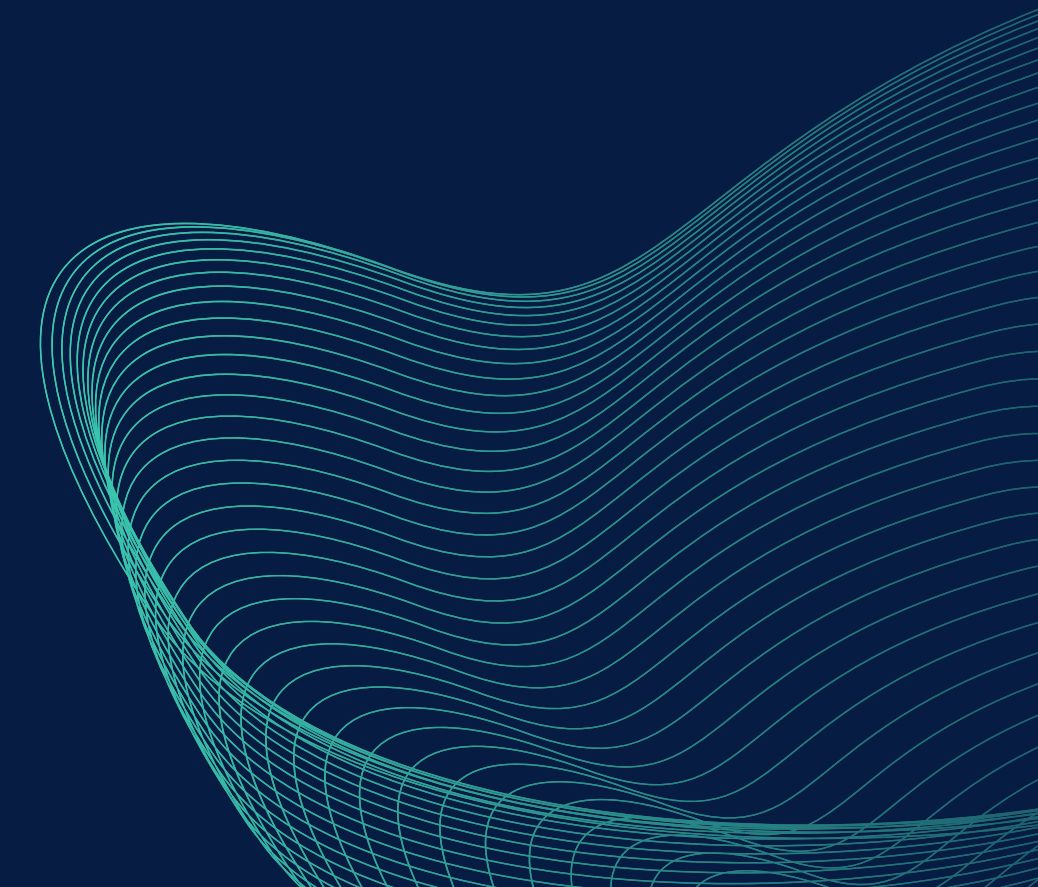


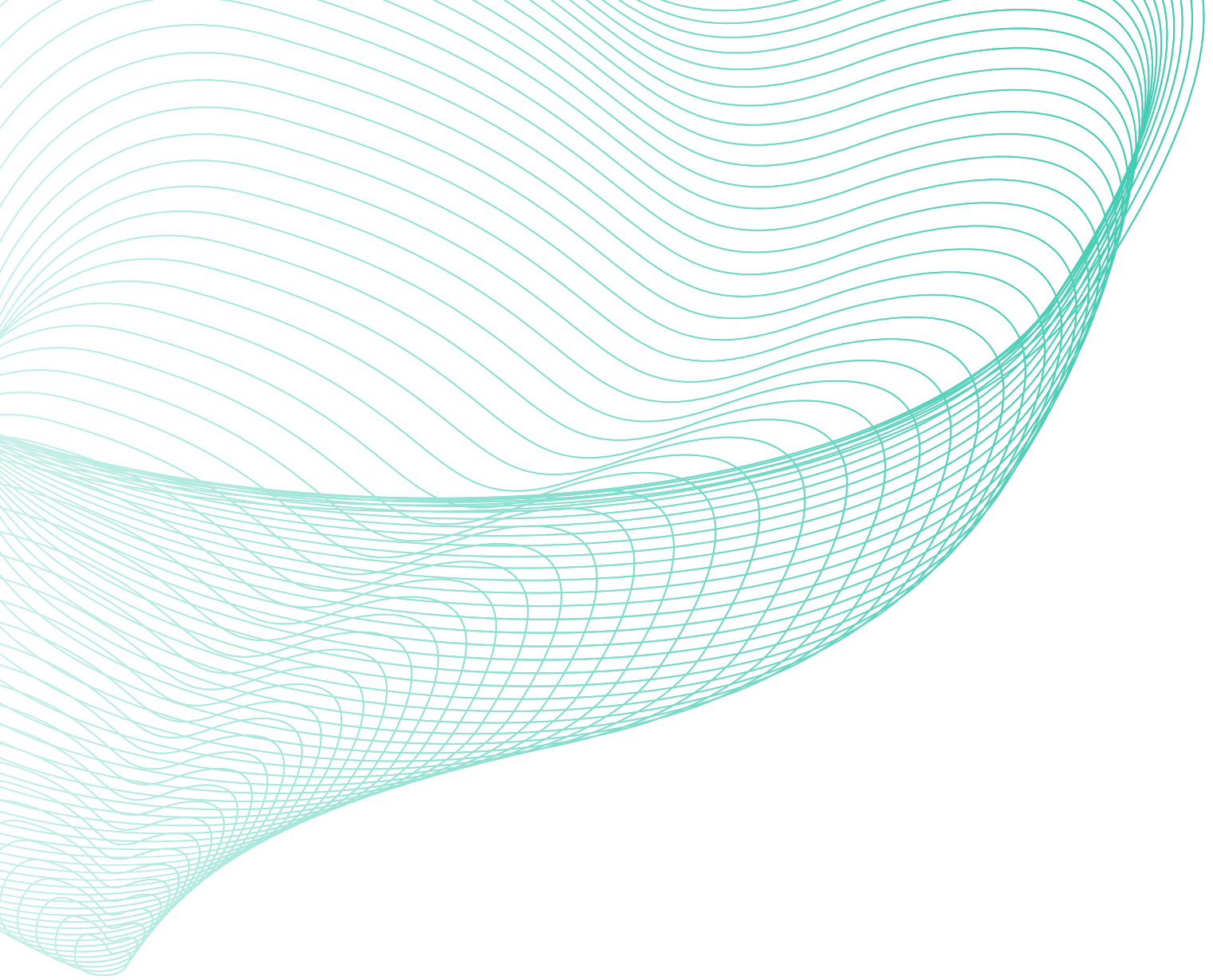
FROM HYPE TO HABIT:

AI-INCORPORATED ASSIGNMENT DESIGN



SUFFOLK UNIVERSITY
Center for Teaching & Scholarly Excellence





Goals for this session:

***Suggest* characteristics of
effective AI-incorporated
assignments**

***Generate* new ideas for
your assignment design**

***Share* and develop
ideas with one another**

Agenda

10:00

Agenda & Goals

10:05

Effective AI-incorporated assignment design

10:25

Workshop an Assignment

10:40

Discussion

10:55

Next Steps

Using the session Handout

RELATED RESOURCE

From Hype to Habit: AI-incorporated Assignment Design **Session Handout**

Link to slide deck

Session Agenda and Related Resources:

Effective AI-incorporated assignment design

- Related Resource: ["Where AI really shines"](#)
- Related Resource: ["Examples of AI-inc Assignments"](#)
- Related Resource: ["Student Resources"](#)

Workshop an Assignment

- Related Resource: ["Workbook: AI-inc Assignment Design"](#)

Housekeeping

- This session will refer to all LLMs under one umbrella term: **“GenAI tools”**
 - This refers to ChatGPT, Gemini, Claude, etc.
- The only function you will see repeatedly is the ability to upload files alongside a prompt.

Email ctse@suffolk.edu
to schedule a
consultation



4 *(proposed)* ELEMENTS of effective AI-inc Assignments



Effective AI-incorporated
assignment design...

1

**Moves students
towards the
best use cases.**

**As a tool for *finding*
information**

**AI Literacy
skills**

**As a tool for
framing
information**

**RELATED
RESOURCE**
*"Where AI really
shines"*

Effective AI-incorporated
assignment design...

1

Moves students towards the best use cases.

RELATED
RESOURCE
*"Where AI really
shines"*

Examples

- Claudia uploads her paper on climate change to an AI tool to **brainstorm** counterarguments. The tool helps her strengthen her argument with new perspectives.
- Jamal uses AI to **refine** his urban development proposal for policymakers, receiving suggestions to improve clarity and identify points of confusion.
- Emily's group has already defined their project goals for the semester. They upload that document to AI, along with their availability to help them **plan** a reasonable timeline.

Effective AI-incorporated
assignment design...

2

**Creates
opportunities for
critical thinking.**

**RELATED
RESOURCE**
*"Where AI really
shines"*

Examples

- As a graduate student, Amina is already familiar with her field. She must use AI to identify new research sources, but it's up to her to **analyze** their **relevance, timeliness, and reliability**.
- Fahad, halfway through his forensic accounting class, must use AI for a second opinion on financial audit data. He is instructed, however, to **prioritize and assess the significance** of anomalies himself based on the assignment's **context**.

Effective AI-incorporated
assignment design...

2

**Creates
opportunities for
critical thinking.**

**RELATED
RESOURCE**
*"Where AI really
shines"*

Examples

- Laila is completing an assignment that requires her to input fictional patient data into an AI for diagnostic recommendations. But will she **critically assess** the misleading data her professor has provided? Or will she **accept the AI's shallow diagnosis**?
- John is using an AI to develop an outline for his final presentation. But will he notice that the AI's suggestions **don't meet project requirements**? Or that the tone suggested is **not appropriate** for an **audience** and **context** that only he knows?

Effective AI-incorporated
assignment design...

2

**Creates
opportunities for
critical thinking**

**...and then provides
feedback
accordingly.**

Effective AI-incorporated assignment design...

3

Creates a safe space for experimentation.

Example

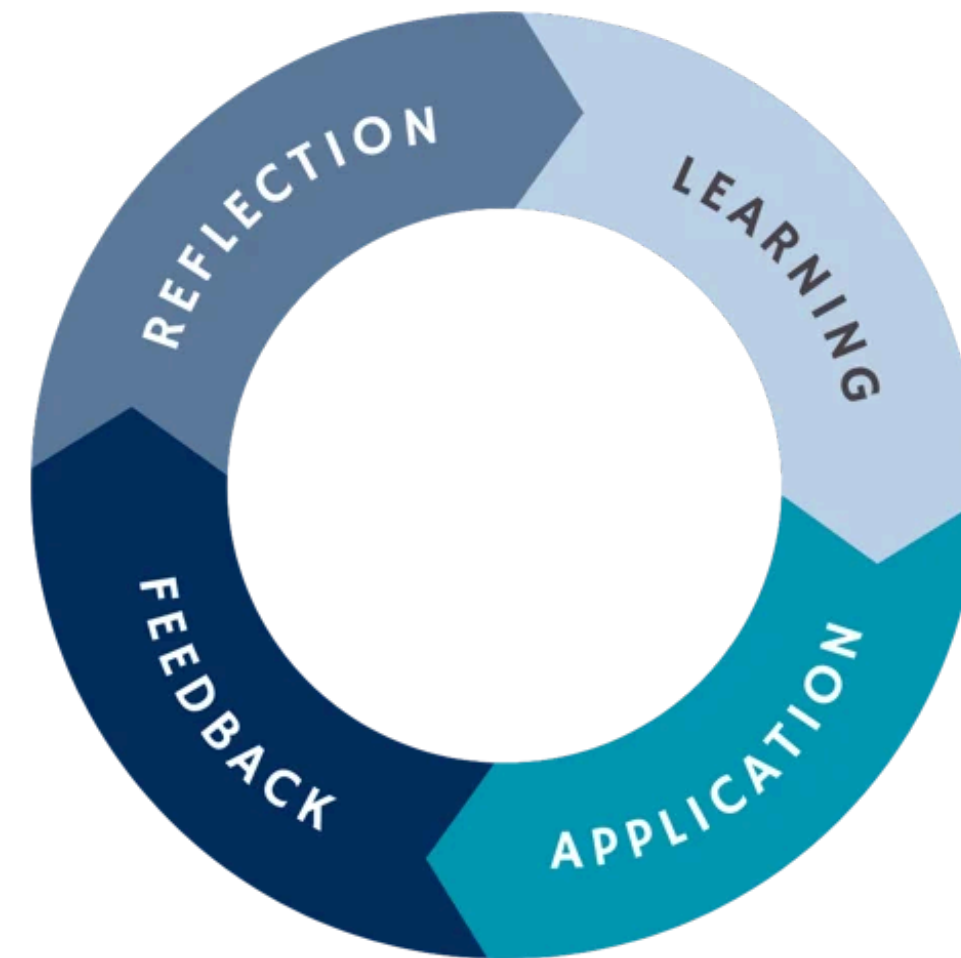
- Isabel has **never used AI**, but her friends use it all the time to cheat on their homework. This makes Isabel **uncomfortable**. She **cannot afford** to lose her scholarship. She's never been to one of the sites her friends have bookmarked. The risk is too great.
- *Some years later, Isabel lands her first job out of college as an assistant. It's 2028 and all of the other assistants have doubled their workload through efficient use of AI. Isabel only lasts a few months.*

Effective AI-incorporated assignment design...

4

Leverages the technology to enhance the feedback loop.

“Effective feedback can tell students what they are or are not understanding, where their performance is going well or poorly, and how they should direct their subsequent efforts...”



“...Unfortunately, the biggest constraint in providing sufficient practice and feedback to students is the time it takes — both on the part of students and faculty” (Lovett et al., 2010).

Effective AI-incorporated
assignment design...

4

**Leverages the
technology to
enhance the
feedback loop.**

**RELATED
RESOURCE**

***“Examples of AI-
inc Assignments”***

Example

- Josh uses AI to review his essay draft, receiving real-time feedback on clarity and structure, which he can then revise before submission.
 - By the time he turns in his first official draft, Josh is past basic structure issues. His professor can focus on strengthening his argument.

Effective AI-incorporated
assignment design...

4

Leverages the
technology to
enhance the
feedback loop.

See examples

- **“Research Methods in Psychology:** Refining Hypotheses and Experimental Designs”
- **“Environmental Studies:** Sustainable Energy Planning”
- **“Constitutional Law:** Crafting Legal Arguments”
- **“Advanced Machine Learning:** Predictive Modeling with Synthetic and Real-World Climate Data”

RELATED
RESOURCE

*“Examples of AI-inc
Assignments”*

**RELATED
RESOURCE**

***"Student
Resources"***

**RELATED
RESOURCE**

***"Example
rubrics"***

**RELATED
RESOURCE**

***"Examples of AI-inc
assignments"***

Resources + Prompt + Directions + Rubric =

Effective AI-incorporated assignment design

Workshop time!

15 minutes

RELATED RESOURCE

*“Workbook: AI-inc
Assignment Design”*

1. Open “Workbook: AI-Inc Assignment Design” in the Google Drive.
2. Click Download ↓ in the upper right-hand corner.
3. Open the downloaded .pdf and edit the document directly.
4. When you are done, click ‘Download’ again and select “With your changes”
5. Save to your device.

Goal 1:
*Identify and describe an
assignment*

Steps 1-4

Goal 2:
*Identify where AI can play a
role in that assignment*

Steps 5 & 6

When we return:
Discuss Steps 5 & 6

**Stay in the
main room**



**Go to the
breakout room**



Break out rooms: Choose your own adventure

Discussion

- What opportunities have you discovered?
How might AI-inc assignments improve your class?

Discussion

- What obstacles could you encounter?
How will you address them?

Does the group have any recommendations?

Discussion

- Describe your assignment
- Which steps did you choose to update?
- How?

Does the group have any recommendations?

Discussion

- How would you advocate for AI-incorporated assignments to a colleague?

Next steps:

- Complete the workbook
- Email ctse@suffolk.edu to schedule a consultation

Next steps:

- **Exit ticket:**
What are your next steps? Put them in the chat.

References

Bowen, J. A., & Watson, C. E. (2024). Teaching with AI: A practical guide to a new era of human learning. Johns Hopkins University Press.

Lovett, M., Mayer, R. E., Bridges, M. W., DiPietro, M., Ambrose, S. A., & Norman, M. K. (2023). How learning works: 8 research-based principles for smart teaching (2nd ed.). John Wiley & Sons, Inc.

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