The HyFlex of Blended Learning

Popular Frameworks for Powerful Learning

Curtis J. Bonk, IST Professor Indiana University

cjbonk@indiana.edu; http://curtbonk.com/



1

3



Poll #1: Have you ever taken or taught a blended learning or HvFlex course?

- a. Yes many.
- b. Yes, just a couple.
- c. No, but I taught one or more technology enhanced ones.
- d. No but I am willing to try.
- e. No and I like it that way.





Poll #2 and #3. Warm-up questions...

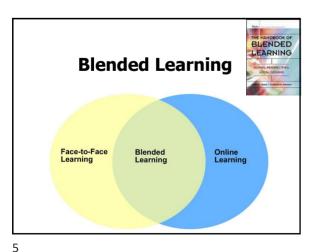
- 2. Have you used ChatGPT or other Generative AI tools for any teaching, training, or tutoring that you have done? Yes. No.
- 3. Have you used ChatGPT or other Generative AI tools for any of your formal or informal learning? Yes. No.



Activity #1 (Paired):

Turn to your neighbor and share: What can you use Generative AI like ChatGPT for?





Myth: Blended learning is easy to define. Myth: Blended learning is hard to define. **Blending Online and F2F Instruction**

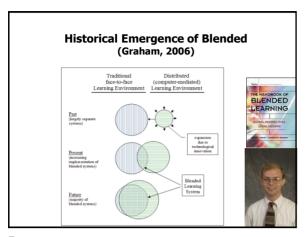
"Blended learning refers to events that combine aspects of online and face-to-face instruction" (Rooney, 2003, p. 26; Ward & LaBranche, 2003,

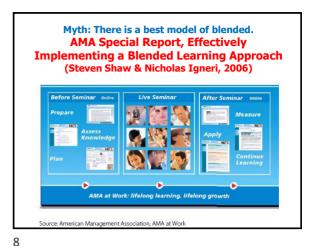


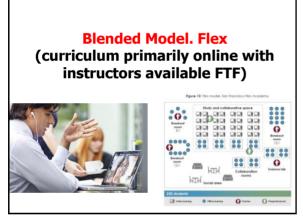


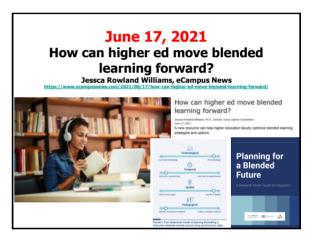




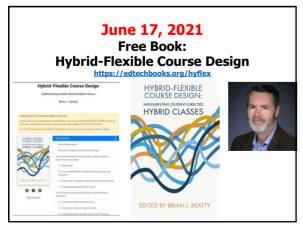








9





11 12







Education 3.0...Education 20/20

"In Education 3.0, classrooms would move away from lectures, such as this one, to having class time be spent on discussions and projects, using digital technology."

(Per Wikipedia: https://en.wikipedia.org/wiki/Education 3.0

15 16



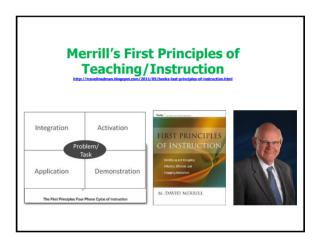


17 18

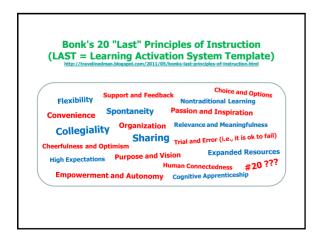


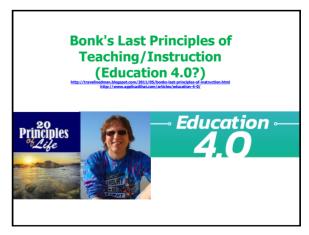






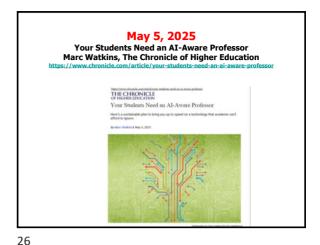
21 22





23 24







July 5, 2024 **AI** in Education Stefanie Panke and Israt Jahan Oeeshi Al in Education Al for Creativity: How Al-Tools Can Foster Imagination, Serious Play and Design Thinking

28 27



How often do you use ChatGPT, ChatPDf, Claude, Gemini, Microsoft **Co-pilot** or other Generative AI tools? a. Many times each day.

Poll #4.

- b. Nearly every day.
- c. About once a week.
- d. About once a month.
- e. Just once or twice. f. Never. Never. Never.



29 30



August 23, 2024
Crunch the Numbers—New Data on AI in Higher Ed
Kevin Hogan, Penn Foster Group, eCampus News
https://www.scampuneus.com/inopastion-insights/2024/08/23/crunch-the-number-new-data-on-ai-in-higher:
self-author-filamer-self-author-fila

31 32



January 30, 2025

Digital Education Council Global AI Faculty Survey
Digital Education Council

https://www.chronidic.com/newsletter/tbaching/2025-01-08

Digital Education Council

https://www.chronidic.com/newsletter/tbaching/2025-01-08

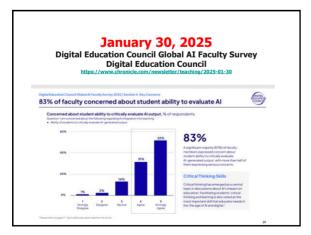
Digital Education Council

https://www.chronidic.com/newsletter/tbaching/2025-01-08

Digital Education Council

Digital Education Cou

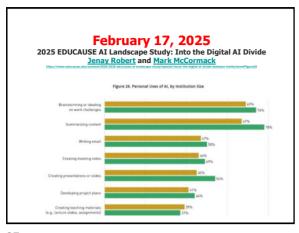
33



January 30, 2025

Digital Education Council Global AI Faculty Survey Digital Education Council Bibles I Have to Council B

35 36



May 15, 2025 **Categorized AI Tools for Teaching and Learning** 15 AI tools to use in the classroom

37 38



April 19, 2024 Professional Certificate in ChatGPT for Educators Georgia Tech Drive your career forward

39

July 5, 2024

Teaching: Getting in sync with students about AI

Beth McMurtrie, The Chronicle of Higher Education Case: Professor Ken McKay, Management Sciences, **University of Waterloo** https://www.chronicle.com/newsletter/teaching/2024-07-05

- · Use open book and open note assignments/assessments.
- Students write during first class establishes baseline.
- · Talk to students about how Gen AI tools work.
- · Have students create prompts and discuss results.
- · Use different Gen AI tools and prompts before class.
- Students must use lecture material and class discussions in reflection papers.
- Avoid multiple choice, fill-in-the-blank tests, and brief response or one right answer questions on tests.

· Avoid use publisher test questions.



40

April 4, 2024

Teaching with AI:

A Practical Guide to a New Era of Human Learning (2024)

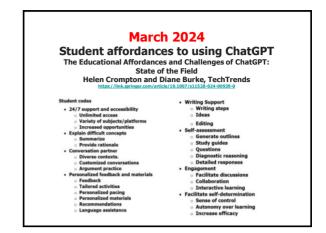
Addressing Cheating with Gen AI Jose Antonio Bowen and C. Edward Watson

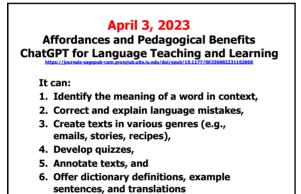
- · Use low stakes assignments (more and smaller assessments).
- In-class active learning and peer learning techniques.
- · Have reasonable workloads.
- Have flexible deadlines.
- Promote and model academic integrity.
- · Develop better assignments and assessments.
- Increase transparency, relevance, belonging, and motivation.



41 42



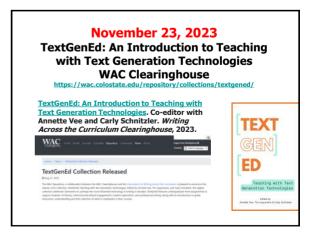




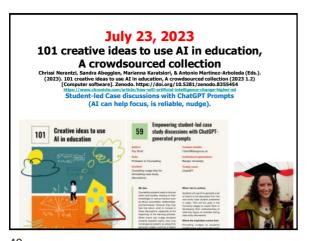
August 15, 2023 ChatGPT and generative AI: 25 applications in teaching and assessment Seb Dianati & Suman Laudari, Charles Darwin University

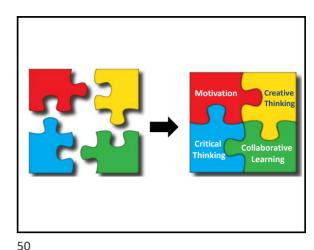
45 46





47 48





Introducing the TEC-VARIETY

Framework

Curiosity

Variety

Autonomy Relevance

Interactive **Engagement Tension**

49



- Supportive, appropriate challenge, meaningful, moderation/optimal.
 Teach goal setting and self-reinforcement.
- 3. Offer rewards for good/improved performance.
- 4. Novelty, variety, choice, adaptable to interests. 5. Game-like, fun, fantasy, curiosity, suspense, active.
- 6. Higher levels, divergence, dissonance, peer
- 7. Allow to create finished products.
- 8. Provide immediate feedback, advance organizers.
 9. Show intensity, enthusiasm, interest, minimize
- 10. Make content personal, concrete, familiar.







52 51





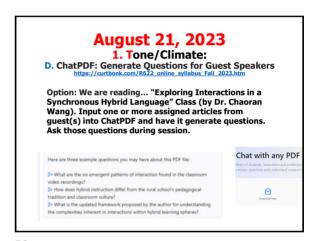
53 54



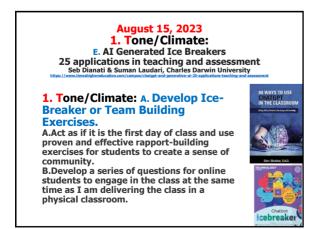


55





57 58



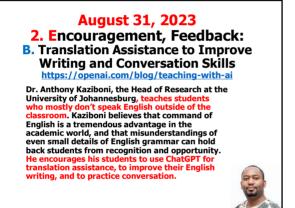


59 60



September 8, 2023 2. Encouragement, Feedback: A. Exam Preparation The program can review course material, create a tailored study schedule, summarize and condense information, provide past exam questions, and even offer helpful tips that might make studying easier. 2. By providing the specific areas of study, ChatGPT can help familiarize you with your chosen topic. 3. ChatGPT can explain concepts, summarize key points, generate practical questions, and help you review quizzes and assessments.

61 62

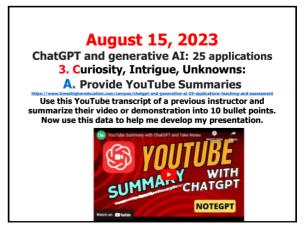


July 23, 2023 101 creative ideas to use AI in education, 2. Encouragement, Feedback: C. Generating Feedback Poetry
anti; Sandra Abegglen, Mariama Karatsiori, & Antonio Martinez-Arboleda (Eds.). (2023).
e ledas to use Al in education, A crowdsourced collection (2023 1.2). [Computer software].
Zenodo. https://doi.org/10.2581/zenodo.835545.] [Computer software].
(University of Leeds, Luny, of Calgary, and Univ. of Maccedonia) Generating feedback poetry

64

63





65 66



- 3. Curiosity, Intrigue, Unknowns:
- B. Critique AI Generated Content Daniel Stanford's Substack

Critiques of AI-Generated Content Example Activity: Critique AI-generated arguments.

- •Example AI prompt: Should governments provide tax credits for electric vehicles?
- •Student task: Paste AI response into a document and use "track changes" mode to critique/revise.

July 12, 2023
3. Curiosity, Intrigue, Unknowns:
C. Critique AI Generated Content
Daniel Stanford's Substack
https://danielstanford.substack.com/pickoprasiling-sit-in-teachingpractical?r-belowfulm_campaign-post&utm_medium-web

Example ChatGPT Responses from SUNY Online Summit Workshop
Document created by Diparti Stanford. Time: describit describitational core

Charier's prompt submitted to ChatGPT
Should the government common to subsidiate electric vehicles?

ChatGPT Responses:
As an All Sangue model, ido not hold personal opinions, but I can provide information and resignts on the topic.

Subsidiating electric vehicles (EVA) is a policy tool that aims to accelerate the transition to a low carbon transportation system. Governments around the world have implemented various incentives to encourage the adoption of EVs. sciedul; secretics, and other francial incentives.

The decision to continue subsidizing EVs depends on various factors, including the governments goals, the effectiveness of esisting policies, the state of the EV market, and the bradder controlled contact charges. They argue that EV sur other than 15 and 15 and

67 68



February 6, 2025

3. Curiosity, Intrigue, Unknowns:

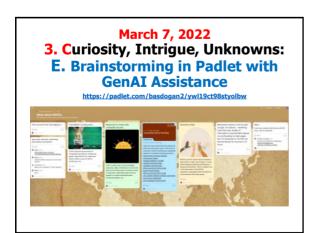
D. Key Points of Article Per ChatPDF and Article Quotes as Discussion Prompts

The key point so of the article are:

1. Discusery of a Microbial Faitch. The EAST research team identified a specific miscolar anticle within the generic restort that can revert cancer on that che rown and the without king have a control that che rown and the without king have a control to the che to the control that che to remain a control to the control that che rown and the window for reversing plant the control to the control that che to the control to the control that che to the control to the control that che to the control to the control that che to the co

70

69





71 72



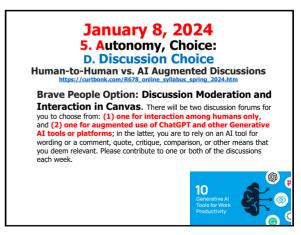




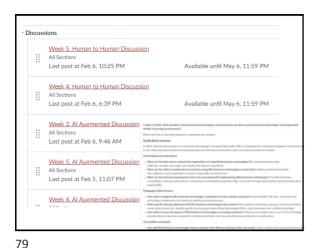
5. Autonomy, Choice: B. Reflect on Podcasts and Webcasts Silver Lining for Learning Episode 33 | Nepali High School Students in MOOCs epali High School Students in MOOCs: alable Results Lending to an Optimistic Future

76 75





77 78



August 21, 2023 5. Autonomy, Choice: **B.** Brave People Option: **Scholar Essay**

 Brave People Option: Have ChatPDF, ChatGPT, or another generative AI tool or platform generate a 2,000-3,000 word summary or essay of a scholar. Next, write a 2-3 page single-spaced reflection paper, review, or critique of that scholar and incorporate a couple of quotes and aspects of what generative AI produced.



E. Brave People Option: **Book Review**

Brave People Option: Put a PDF of the chosen book or books into ChatPDF, ChatGPT, or other generative AI tool or platform and have it do a critique or a book review on it. Next, write a reflection paper, review, or critique of what generative AI produced. A mini-glossary of personal definitions for 20-25 key terms and concepts found in this book might be included in an appendix at the end of the review.

October 16, 2021

6. Relevance, Meaningfulness:

A. AMA (Ask Me Anything) in Miro and have AI and humans generate answers.
Students must decide which is the human answer.

Bloomington Group #1
"Ask Curt Anything" About Instructional Strategies



80



81 82



October 5, 2023 6. Relevance, Meaningfulness:

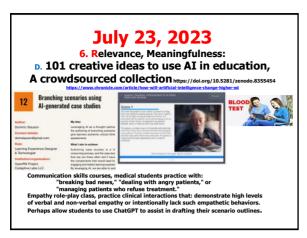
c. Support for Job Applications and Resumes Grace Heneks, a lecturer in the English department at Texas A&M University

In the technical writing course, students used ChatGPT to write job-application materials, such as cover letters and resumes. Most of them, she wrote, found that the chatbot actually created work because, even with multiple prompts, the writing did

not have much personality and was repetitive. Maha Bali encourages them to use AI to generate ideas, refine their first drafts, or even start an assignment with a ChatGPT-created draft and then make it their own.



83 84







February 7, 2022
7. Interactive, Collaborative:
A. Team Article Summaries in Jamboard or Miro and have GenAI create a report

Week Article #6 Themes and Questions

Week Article #6 Themes and Questions

Rey points

Service of themes and Questions

Service of themes and Questions

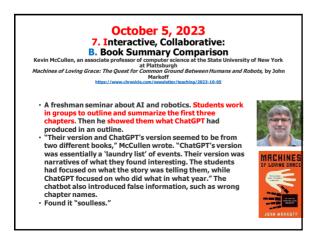
Rey points

Service of themes and Questions

Service of the GenAI create a report

Service of the GenAI cre

87 88



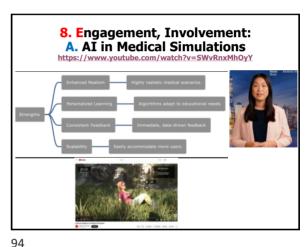


89 90

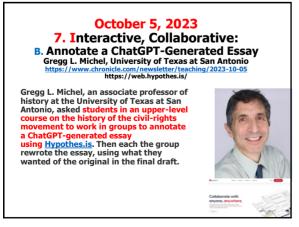








93



July 12, 2023

8. Engagement, Involvement:
C. Analyze AI Bias
Daniel Stanford's Substack
https://anielsanfotsubstack.om/p/incorporatio-ai-in-teachingpractical?r=beinv&utm_campalgn=post&utm_medium=wweb

Example Activity: Analyze examples of bias in AI output.
Example prompt: Write a scene in a movie script where people in specific professions interact (e.g., a doctor/nurse, pilot and flight attendant).

Student reflection question: What gender did AI assign to each role? How did this reinforce or contradict common stereotypes?

Additional example assignment: Analyze how AI handles racial or gender representation depending on prompt wording. See examples at bit.ly/bias-in-ai-images.

95 96







April 4, 2024
Teaching with AI: A Practical Guide to a New Era of Human Learning (2024)

8. Engagement, Involvement: **D.** Blogging and Journaling

Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching

Record weekly course reflections in a blog or a journal. Then have students get feedback from both a peer and ChatGPT. Have students write one or more reflections on the difference on feedback offered. Or ChatGPT could create weekly blog posts to compare to.



April 4, 2024

Teaching with AI: A Practical Guide to a New Era of Human Learning (2024)

8. Engagement, Involvement: E. Human vs. AI

Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching

Ask students to write a paragraph, article abstract, short paper, poem, lecture summary of key points, etc. both with and without AI. Next share the artifact with a partner. Each person attempts to identify the human and AI elements. Finally, they discuss how either draft document could be improved.



99 100

February 10, 2023 80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

8. Engagement, Involvement:

8. Engagement, American States of the Charles of the Charles Charles of the Charl

Have ChatGPT or any other generative AI tool generate a list (e.g., ice breakers student paired interview questions, book or article recommendations, course guidelines or objectives, course objectives, etc.) and then engage students in small group and then whole class discussions.



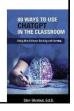
February 10, 2023

80 Wavs to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

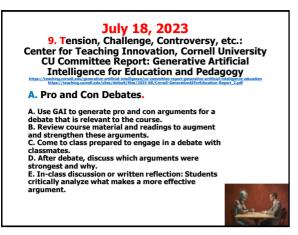
8. Engagement, Involvement:

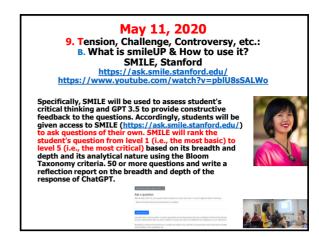
G. Language Conversation Partners

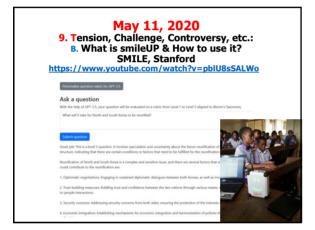
Generative AI might also translate articles and blocks of text into the target language. Next have students work in teams to improve the drafts through rewriting and discussion.



101 102







May 25, 2023

9. Tension, Challenge, Controversy, etc.:
c. ChatGPT as Co-Pilot, Normalize Citing AI
https://www.pearson.com/en-us/higher-education/insightsand-events/teaching-and-learning-blog/2023/05/whateducation-experts-are-saying-about-chatgpt.html#:

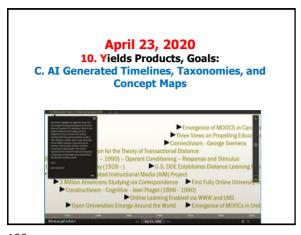
When used properly, ChatGPT can be a student's copilot. It can help them brainstorm, improve phrasing,
and learn new concepts...Panelist Anna Mills of City
College of San Francisco said she teaches critical AI
literacy and believes in "setting a norm of
transparency and labeling of AI text." She
recommends students clearly label any portion of an
assignment that was generated with ChatGPT or
another AI tool—just like they would cite other
sources.

105 106





107 108







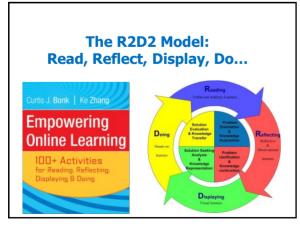
- a. Yes definitely...many of them...pop...pop!
- b. Yes, several times.
- c. Yes maybe!
- d. Not yet (but hopefully soon...)
- e. Nope. Darn it my brain is not working today.
- f. There's no hope with this idiot presenting.





111 112







113 114

The R2D2 Model



- 1. Read (Auditory and Verbal Learners)
- 2. Reflect (Reflective Learners)
- 3. Display (Visual Learners)
- 4. Do (Tactile, Kinesthetic, Exploratory Learners)











115

1. Auditory or Verbal Learners

 Auditory and verbal learners prefer words, spoken or written explanations.







116

August 21, 2023 Read 1a. ChatPDF: Summarize assigned articles and Generate Starter questions Option: Input one or more of the assigned articles and have ChatPDF generate questions on it or key points or both. Chat with any PDF

Read 1b. Conversational Speech Model Crossing the uncanny valley of conversational voice
Brendan Iribe, Ankit Kumar, and the Sesame team

February 27, 2025

117

118

June 15, 2022 Read 1c. Leaders & Legends of Online Learning,

Dr. Mark Nichols' Podcast

https://onlinelearninglegends.com/podcast/062-dr-george-veletsianos/
In this episode, Open Polytechnic of New Zealand Executive Director Dr. Mark Nich hats with Dr. George Veletsianos, Royal Roads University in Victoria, British Columb George talks about his history and research in online education, and his ongoing challenges to the false clinthouny of online and in-person learning.







Pedagogical Uses of Podcasts

- 1. Replace some course readings.
- 2. Podcast reenactments.
- 3. Use of podcasts to back up different sides of debates or to start debates.
- 4. Remix episodes and explore themes and common issues.
- 5. Support asynchronous discussion.
- 6. Add multimedia component to student papers.
- 7. Interview the podcast hosts and guests.
- 8. Identify new discoveries and trends in the field.
- 9. Favorite podcast show competitions.

10.Supplement class lectures or presentations.

119 120

Pedagogical Benefits of Podcasts (Palengue, 2016, Journal of Instructional Research)

- 1. Promotes active listening.
- 2. Expands vocabulary.
- 3. Support active, social, and creative aspects of learning.
- 4. Provides opportunities for reflection.
- 5. Aligns with self-paced and independent learning.
- 6. Helps chunk learning and connect to what you know.
- 7. Fosters audience awareness and social cognition 8. Potential for audio feedback to learners.
- 9. Provides alternative to reading.
- 10.Fosters planning skills.

2. Reflective and Observational Learners

 Reflective and observational learners prefer to reflect, observe, view, and watch learning; they make careful judgments and view things from different perspectives



creativity skills.



121 122

Reflect 2a.

Online Role Play or Debate with GenAI assuming one or more roles



Example 2: Scaffolding...in the form of structuring the online environment and engagement e.g., reflective roles, self-coding, timely-engagement of instructors or otherwise you have "serial monologues."

August 31, 2023
Reflect 2b. Critical Thinking on the

Credibility of Sources
https://openai.com/blog/teaching-with-ai

Geetha Venugopal, a high school computer science teacher at the American International School in Chennai, India, likens teaching students about AI tools to teaching students how to use the internet responsibly. In her classroom, she advises students to remember that the answers that ChatGPT gives may not be credible and accurate all the time, and to think critically about whether they should trust the answer, and then confirm the information through other primary resources. The goal is to help them "understand the importance of constantly working on their original critical thinking, problem solving and



123 124

November 23, 2023

Reflect 2c. Translating Policy Document into Plain English (TextGenEd)

Timothy Laquintano, Lafayette College
https://wac.colostate.edu/repository/collections/textgened/professionalwriting/translating-a-policy-document-into-plain-english/

This assignment asks undergraduate students to translate a complex policy document into plain English and then compare their output to the output of a large language model asked to do the same task. Students critically compare the semantic choices and sacrifices they made during the translation with the meaning lost during the machine translation, which attunes them to the risks and benefits of LLM output. It can be adapted to most disciplines and course levels.



November 23, 2023

Reflect 2d. Using LLMs as Peer Reviewers for Revising Essays (TextGenEd)

Antonio Byrd, Univ. of Missouri at KC https://wac.colostate.edu/repository/collections/textgened/rhetoricalengagements/using-llms-as-peer-reviewers-for-revising-essays/

In this assignment, undergraduates use large language models (LLMs) to assist in revising their essay drafts by asking LLMs to respond to common peer review prompts. Students learn prompt engineering and develop rhetorical judgments on the effectiveness of LLMs' language analysis to heighten their revision processes. This assignment can be adapted to most disciplines and course levels. (advanced expository course on literacy studies and technology)



125 126

November 23, 2023

Reflect 2e. AI for Editing (TextGenEd)

Nupoor Ranade, George Mason University https://wac.colostate.edu/repository/collections/textgened/profess ional-writing/ai-for-editing/

This assignment asks students to generate a complex essay using an AI text generation tool, edit the essay using principles taught in class to improve the readability score of the generated content. Students are asked to share the final output along with visuals strate the compariso versions of the generated content. This assignment can be adapted for all course levels, especially for first-year writing and professional and technical writing classrooms.



How can AI make credible contributions to the writing and editing process?

127

128

November 23, 2023 Reflect 2f. Decoding an AI Bot's Chatting Pattern (TextGenEd) Bhushan Aryal & Ordner W. Taylor, Delaware State University https://wac.colostate.edu/repository/collections/textgened/rhetorical-engagements/decoding-an-ai-bots-chatting-pattern/ This 4-week assignment asks advanced undergraduate students to hold a sustained 'conversation' on a topic with an AI chatbot to decode the pattern, limitations d possibilities of the AI-based writing technology. Students analyze their conversation, write a report, and make an oral presentation. The assignment provides writing faculty a wide window to teach almost any issue of interest in AI writing while offering students an immersive, analytical, and writing

January 8, 2024 Reflect 2g.

Critique Starter Text and Comments

Brave People Option: Journal Review and Critique and Interview. Feel free to utilize generative AI tools like ChatGPT or ChatPDF to generate starter text and up to three quotes in your paper as long as they are marked or you have reworded them and cited them properly. If you you have reworded them and cited them properties.

OpenAI (2023). ChatGPT (March 14 version) [Large language

model]. https://chat.openai.com/



July 18, 2023

Center for Teaching Innovation, Cornell University **CU Committee Report: Generative Artificial** Intelligence for Education and Pedagogy

> Reflect 2h. Assess validity of sources for accuracy and bias.

> A. Use GAI to find sources for an assignment relevant to the course.

B. Students review sources, evaluating the usefulness and relevance to the assignment.

C. Students conduct a similar search using library resources.

D. Students produce an annotated bibliography that assesses the quality, relevance, and reliability of GAI and library sources.

E. In-class discussion or written reflection: Students critically analyze the usefulness of AI to find reliable and unbiased sources.

129 130

January 8, 2024

Reflect 2i.

Critique of Critiques

Brave People Option: ChatGPT Journal Review and Critique and Interview. Or perhaps put the articles or the entire special issue into ChatPDF, ChatGPT, or other generative AI tool or platform and have it do a critique or a book review. If you choose this route, you are to write a 2-3 page single-spaced reflection paper, review, or critique of what generative AI produced.



3. Visual Learners

 Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.



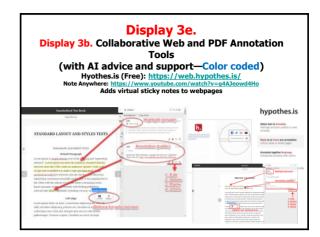






131 132







July 23, 2023

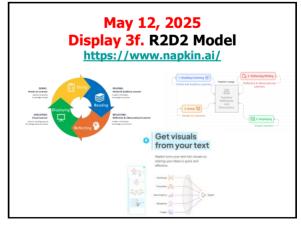
101 creative ideas to use AI in education,
Display 3d. Rewriting with AI Image Generators
Chrissi Nerantzi, Sandra Abegelen, Marianna Karatsiori, & Antonio Martinez-Arboleda (Eds.), (2023).
101 creative ideas to use AI in education, A crowdourored collection (2023). 122 (Computer software).
Zenodo. https://doi.org/10.59381/zenodo.3555454
(University of Leeds, Univ. of Calgary, and Univ. of Maccdonia)

Author:
Contact State

Author:
Contact

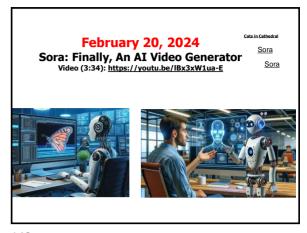
135 136





137 138

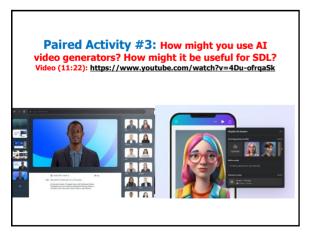






February 16, 2024
OpenAI's Video Generator Sora Is
Stunning and Utterly Terrifying
Tony Ho Tron, The Daily Beast
https://www.thdailybaant.com/openais-video-generator-sora-is-sturning-and-utterly-terrifying

141 142

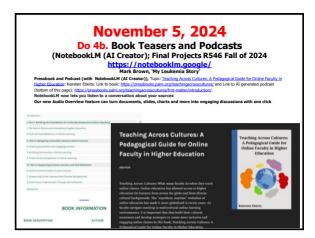


4. Tactile/Kinesthetic Learners

• Tactile/kinesthetic senses can be engaged in the learning process are role play, dramatization, cooperative games, simulations, creative movement and dance, multi-sensory activities, manipulatives and hands-on projects.

143 144







May 15, 2025

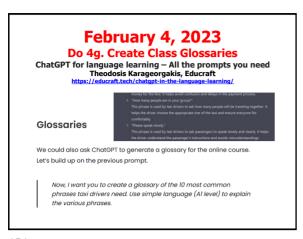
Do 1d. Suno: Makes a Song About Anything How About: The medical educators and AI song, indie rock
https://suno.com/.
The Future We Create: https://suno.com/song/8704ddf-sd25-4d81-8ab-0a41c4469f5c
Teaching in Code: https://suno.com/song/8704ddf-sd25-4d88-9-9-37863b06-3cd
https://suno.com/create?sin.up.source-splashpagekreferror=%,2Fhomekredirected_frome-signup&vide-default

147 148

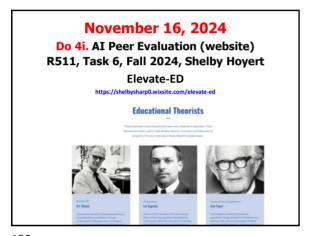




149 150







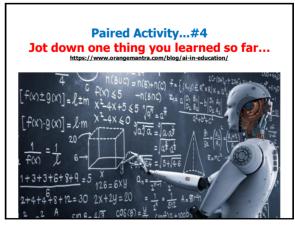


153

February 19, 2023 Do 4k. Generate images and have students draft stories DALL'E: An "Intelligent" Illustrator for your Language Classroom

 Ask DALL-E to generate culturally-specific images and then have students research and explain why the image does or does not fit the reality in the context of the target culture.

- Ask DALL-E to generate images based on idioms or proverbs as part of a lesson on them.
- Have students give prompts to DALL-E and then revise the prompts, analyzing why one prompt may have worked better than another or given a different result.



155 156

April 4, 2024
Teaching with AI: A Practical Guide to a New Era of Human Learning (2024)

Blended Learning #1. Blogging and Journaling Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching-ai

Record weekly course reflections in a blog or a journal. Then have students get feedback from both a peer and ChatGPT. Have students write one or more reflections on the difference on feedback offered.

January 8, 2024

Blended Learning #2. Script Creator and Developer

Cool YouTube Video Creation

You are encouraged to use ChatGPT or some other generative AI tool or platform in the development of your script and other associated work. You will turn in a 2 page single-spaced summary reflection of your design (3-4 pages if with a partner) along with a link to your video or a way to download it. If you utilized an AI tool or platform to support your efforts, please use appropriate citations. Your video and paper will be graded according to the dimensions listed below.



157 158

August 31, 2024

Brave People Option:

Blended Learning #3. AI Case Analysis

Brave People Option: Case Situations or Problems

Write 3 case situations or vignettes related to your current or most recent job setting (each will be about one page long single-spaced). In these cases, you will point out the situation or problem in 1-2 paragraphs as well as the key questions or issues.

AI Option: Adventurous students might ask ChatGPT to A I Option: Adventurous students might ask ChatGP1 to solve 3 cases situations that they write up or read about. If you do this, please reflect on the solution(s) that ChatGPT or some other platform provided as well as the course related concepts in the case or the solution. And you could ask two or three different platforms (e.g., ChatGPT, Claude, Microsoft Copilot, Gemini, etc.) and compare them.



with Al

January 8, 2024

Blended Learning #4.

Software and Technology Tool Reviewer

Brave People Option: Software or Technology Tool or Platform Review.

If you utilized ChatGPT or some other generative AT platform for any aspect of this assignment, please cite it appropriately. Perhaps you might put the articles or reviews on a technology tool into ChatPDF, ChatGPT, or other generative AI tool or platform and have it do a critique or a book review. If you choose this route, you are to write a 2-3 page single-spaced reflection paper, review, or critique of what generative AI produced.



159 160

July 18, 2023

Center for Teaching Innovation, Cornell University CU Committee Report: Generative Artificial Intelligence for Education and Pedagogy

Blended Learning #5. GAI as a Peer Editor.

A. Ask GAI to offer constructive feedback on their writing, with specific suggestions for where and how to make improvements in grammar, logic, and flow (tailor this prompt to your desired outcomes).

B. Students review the GAI Students respond to seven Which suggestions find





July 18, 2023

Center for Teaching Innovation, Cornell University **CU Committee Report: Generative Artificial** Intelligence for Education and Pedagogy

Blended Learning #6. Brainstorm Ideas for

A. Use GAI to brainstorm ideas for an assignment that is relevant to the course (e.g., topics for a research paper, research study ideas, new business ideas, marketing taglines,

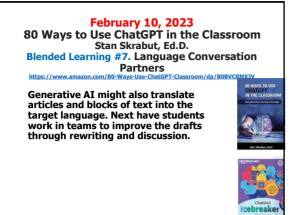
etc.) . B. Students evaluate the ideas based on the established

criteria for the assignment. C. Students further develop their preferred idea and complete

the assignment. D. In-class discussion or written reflection: Students critically

analyze the usefulness of AI in the brainstorming process.

161 162



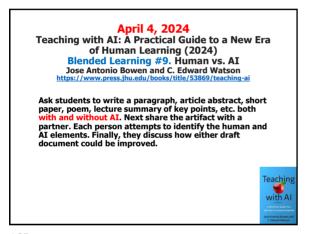
April 4, 2024

Teaching with AI: A Practical Guide to a New Era of Human Learning (2024)

Blended Learning #8. Blogging and Journaling Jose Antonio Bowen and C. Edward Watson https://www.press.ihu.edu/books/title/53869/teaching-ai https://www.amazon.com/Chat-GPT-leachers-Classroom-Hamesslan/do/BOCPDWWWG

Record weekly course reflections in a blog or a journal. Then have students get feedback from both a peer and ChatGPT. Have students write one or more reflections on the difference on feedback offered. Or ChatGPT could create weekly blog posts to compare to.

163 164



August 27, 2024

AI Pedagogy Project: Assignments
Harvard University

Blended Learning #10. Identifying Photographic
Manipulations (Fake, Real, Misleading)

Once they have gathered a set of three photos-two real and one fake-students then create short Wikipedia-like captions describing the people in their images.

Intel Jakoshopov on Jakospomental t-brittle-like and a-brittle-like like short-like.

Intel Jakoshopov on Jakospomental

A Triths A Lin, and a Blury Line
Fapier styr-flows and position, work yearline may are and on
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilid on the disable broad
processed in Hingsas. Soung equilibrial broad
processed in Hingsas. Soung equilibrial broad
processed in Hingsas. Soung equilibrial broad
processed in Hingsas.

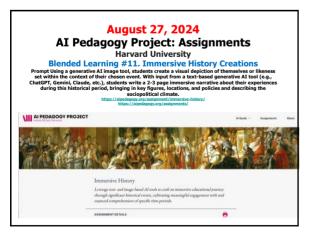
A Tritis Linguis Agreement of Hingsas.

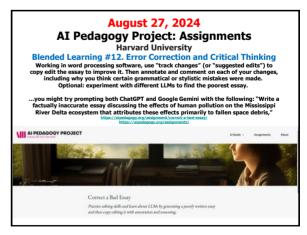
A Tritis Linguis Hingsas equilibrial broad
processed in Hingsas.

A Tritis Linguis Hingsas equilibrial broad
processed in Hingsas.

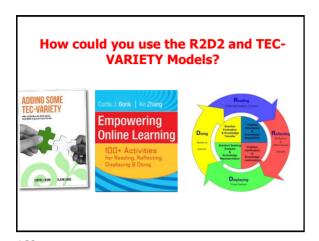
A Tritis Linguis Hingsas equilibrial broad
processed in Hingsas equilibrial broad
processed i

165 166





167 168



Closing Activity:
Turn to your neighbor once again and share:
What can you use Generative AI for Blended or Hyflex Learning?

Let's Recap!

| Compared to the process of th

169 170



Chat Window Sharing:
Three Words from this Session...?
e.g., "I am happy!" and...
"minions are happy!"

171 172





173 174

