

USING AI RESOURCES AT UF

About Me



Instructional Assistant Professor in Agricultural Education and Communication (AEC)

Teach AEC3030C (Effective Oral Communication) and AEC3033C (Research & Business Writing)

Started teaching after graduating with PhD in AEC in 2023

Grew up on family's 6th generation dairy farm in central NY

Worked for nation's largest milk marketing cooperative (DFA) for ~10 yrs

Our Mission

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UF policy

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How can we use it?



UF Policy on AI



“At UF, our commitment to preparing you for the 21st century workforce involves working with artificial intelligence (AI) broadly across all disciplines. Our goal is to equip students with the AI capabilities necessary to thrive in a technology-driven economy. By embracing the use of responsible AI into academic and research pursuits, we strive not only to help you reach and exceed your educational objectives but also to contribute to life-changing discoveries here at UF. Our guidance is clear and anchored in strong ethical practices and will be tailored to prepare you comprehensively for a future where technology is ubiquitous.”

[https://ai.ufl.edu/media/aiufledu/resources/GenAIBestPractices\[4520\]_updated12-18-24.pdf](https://ai.ufl.edu/media/aiufledu/resources/GenAIBestPractices[4520]_updated12-18-24.pdf)

“We are poised at the threshold of a revolution in higher education, where the boundaries of learning are being redefined by the power of Artificial Intelligence (AI). Embracing the opportunities presented by AI, we encourage educators and students alike to venture forth into uncharted territories, exploring the vast potential of AI to enhance teaching, learning, and discovery.”

<https://it.ufl.edu/ai/>

Benefits and Cautions

Benefits

Fast

Accessible

Pulls from numerous sources

Available in various languages

Create content/creative

Brainstorm/idea generator

Supportive with complex tasks
(i.e., data analysis)

Cautions

Not always accurate - only as good as data
trained on

Not always secure - be mindful of what
information you provide in prompts

Citations - incorrect formatting, incorrect
sources

Hallucinations - all about language patterns
& wanting to please

Over-reliance on AI - can allow skills and
abilities to fade



Recommended Tools

NaviGator Chat

- <https://it.ufl.edu/ai/navigator-chat/>

Microsoft Copilot

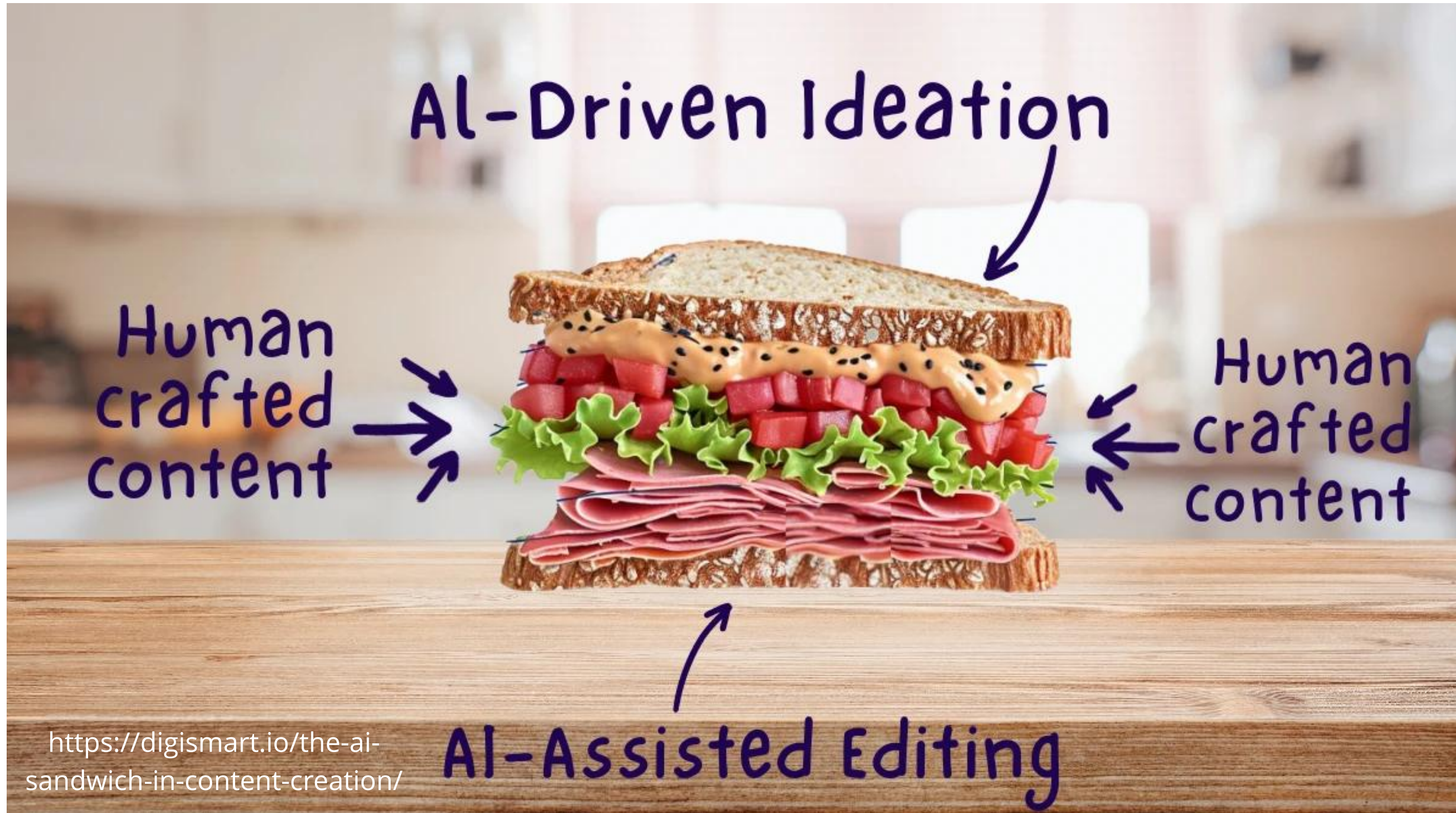
- <https://it.ufl.edu/ai/microsoft-copilot/>

Available Language Models

Language Models and Hosting			
UF HiPerGator	Microsoft Azure	Google	Amazon Web Services
<ul style="list-style-type: none">▪ llama-3.1-8b-instruct▪ nim-llama-3.1-8b-instruct▪ llama-3.1-70b-instruct▪ mistral-7b-instruct▪ nim-mistral-7b-instruct▪ mixtral-8x7b-instruct▪ mistral-large▪ codestral-22b▪ Stable Diffusion (image generator)	<ul style="list-style-type: none">▪ gpt-4o▪ gpt-4o-mini▪ gpt-4-turbo▪ gpt-3.5-turbo▪ DALL-E-3 (image generator)	<ul style="list-style-type: none">▪ gemini-1.5-flash▪ gemini-1.5-pro	<ul style="list-style-type: none">▪ command-r-plus▪ command-r▪ claude-3.5-sonnet▪ claude-3.5-haiku▪ claude-3-haiku▪ claude-3-sonnet▪ claude-3-opus

How Can We Use It?

Think of using AI as if you are building a sandwich



Prompt Design

Be Clear & Specific

provide context & specifics

Indicate desired output

table, written explanation, word count, list, outline

Set desired tone

casual, formal, scientific, academic

Sequence prompts

keep context to previous prompt by referring back or reminding of original prompt

Provide examples

provide specific examples of responses

Ask for reasoning

AI can give support, resources but always verify information accuracy

FLUF

1. Review FLUF indicators – format, language, usability, fanfare
2. Create a prompt using FLUF guidance
3. Generate results and FLUF test
4. Update prompt; regenerate; FLUF test
5. Repeat until happy with results and zero FLUF
6. Combine AI Results & Human Creativity and Critique to Generate a Final Product

What is FLUF?

Indicator	Description of Infractions	GOAL: ZERO FLUF	
		Plus = yes, there are infractions/fail	Minus = no infractions/pass
FORMAT			
Layout	Doesn't follow formal writing patterns or formats	(+/-)	
Length	Lots of extra words to extend the word count	(+/-)	
LANGUAGE			
Tone	Lacks personal style, tone, or human elements	(+/-)	
Phrasing	Syntax, semantics, or awkward presentation of information	(+/-)	
Repetition	Lacks succinct presentation of ideas; run-ons or repetition of ideas, thoughts, or phrases	(+/-)	
USABILITY			
Consistency	Inconsistencies in content	(+/-)	
Credibility	Credible references cannot be determined or validated or lack sources/citations for information	(+/-)	
FANFARE			
Anecdotes	Lacks human stories or examples that provide classifications, comparisons, metaphors or analogies	(+/-)	
Jargon	Repeats vocabulary, technical language, and common findings	(+/-)	
<i>Add up the "+" to see the issues with the AI generated content.</i>		9 /	

Got FLUF?

➔ Re-Prompt
➔ Regenerate
➔ Repeat
Until you get



FLUF in FORMAT The Look Fors

Layout - If it doesn't follow the formal writing patterns or format, it gets a +.

Length - If there are lots of extra words to extend the word count, it gets a +.

FORMAT		LANGUAGE			USABILITY		FANFARE		FLUF SCORE (GOAL: ZERO FLUF)	
Layout (+/-)	Length (+/-)	Tone (+/-)	Phrasing (+/-)	Repetition (+/-)	Credibility (+/-)	Consistency (+/-)	Anecdotes (+/-)	Jargon (+/-)	+Plus = yes, there are infractions or errors present	-Minus = no, there are no infractions present
									SCORE:	

FLUF in LANGUAGE The Look Fors

Tone - If it lacks personal style, tone, or human elements, it gets a +.

Phrasing - If the syntax or semantics are off, or it presents information in an awkward way, it gets a +.

Repetition - if the passage lacks succinct presentation of ideas, or has run-on sentences or repetition of ideas, thoughts, and/or phrases, it gets a +.

FORMAT		LANGUAGE			USABILITY		FANFARE		FLUF SCORE (GOAL: ZERO FLUF)	
Layout (+/-)	Length (+/-)	Tone (+/-)	Phrasing (+/-)	Repetition (+/-)	Credibility (+/-)	Consistency (+/-)	Anecdotes (+/-)	Jargon (+/-)	+Plus = yes, there are infractions or errors present	-Minus = no, there are no infractions present
									SCORE:	

FLUF in USABILITY The Look Fors

Consistency - if there are inconsistencies in content it gets a +

Credibility - if you cannot determine whether there are credible references, information cannot be authenticated or validated, or it lacks citations/sources for documentation, then it gets a +

FORMAT		LANGUAGE			USABILITY		FANFARE		FLUF SCORE (GOAL: ZERO FLUF)	
Layout (+/-)	Length (+/-)	Tone (+/-)	Phrasing (+/-)	Repetition (+/-)	Credibility (+/-)	Consistency (+/-)	Anecdotes (+/-)	Jargon (+/-)	+Plus = yes, there are infractions or errors present	-Minus = no, there are no infractions present
									SCORE:	

FLUF in FANFARE The Look Fors

Depending on the intention of the writing:

Anecdotes - the absence of human examples, analogies, metaphors, or comparisons gets a +

Jargon - jargon is another form of repetition, cliché, or assumption and can come in the form of a condescending tone. If the jargon is presented in this way without specificity, it gets a +.

FORMAT		LANGUAGE			USABILITY		FANFARE		FLUF SCORE (GOAL: ZERO FLUF)	
Layout (+/-)	Length (+/-)	Tone (+/-)	Phrasing (+/-)	Repetition (+/-)	Credibility (+/-)	Consistency (+/-)	Anecdotes (+/-)	Jargon (+/-)	+Plus = yes, there are infractions or errors present	-Minus = no, there are no infractions present
									SCORE:	

Fixing FLUF with Re-Prompts

Got FLUF? Here are some examples of how you can re-prompt your AI tool to improve results.

FORMAT

Layout

“Reformat the essay in APA 7th edition format”

Add subheadings using MLA”

“Add the in-text parenthetical references”

Length

“Reduce the essay length to 3-5 sentences”

“Expand the essay length to 750 words

LANGUAGE

Tone

“Use a more business-like tone”

“Address the audience using a conversational tone”

Phrasing

“Rephrase the last sentence to make it less formal”

“Rephrase the last paragraph to include key vocabulary terms”

Repetition

“Reduce repetition around students and expand essay to include teachers”

USABILITY

Consistency

“Please add a step that includes [describe]”

“Include a step where [describe]”

“Remove the part where [describe]”

Credibility

“Remove all information that did not come from a peer reviewed article”

“Only include information from a peer reviewed article”

“Share the sources of the information”

FANFARE

Anecdotes

“Remove the funny stories, magazine quotes, or cliches”

“Rephrase the essay to make it more technical and fact based”

“Add key vocabulary and rephrase to sound more formal and professional”

Jargon

“Remove the medical jargon and make it more conversational and descriptive”

“Add in legal jargon and case examples to support the central idea”

AI Reflection Questions

- What did AI suggest?
- Why did AI make those suggestions?
 - What suggestions did I accept?
 - Why did I accept them?
 - What suggestions did I reject?
- How did working with AI impact my final project?
 - How did it help?
 - How did it not help?
- How did my prompting strategies, questions, responses impact AI's usefulness or effectiveness in this project?

Resources

AI Prompt Cookbook

- <https://docs.google.com/document/d/1wSfvKfKcG0qto0UJVsVfzLYFCaEc0M5NszzlWO5j-ug/edit?tab=t.0#heading=h.199rx1x58dj3>

FLUF Test

- <https://www.drjenniferparker.com/fluf-test-for-artificial-intelligence.html>
- <https://docs.google.com/document/d/1WdTv2sLCk1DP9dPnuSpAlCO-6RcJFrYq/copy>

Microsoft Copilot

- <https://it.ufl.edu/ai/microsoft-copilot/>

NaviGator Chat

- <https://it.ufl.edu/ai/navigator-chat/>



Thank You

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