Empowering Professional Growth with Generative AI

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Artificial Intelligence is a complex statistical software applied to finding patterns in large sets of real-world data. **Generative artificial intelligence** uses that data to create media (text, image, video, code) most commonly through large language model powered chatbots like ChatGPT (Murgia, 2024).

Tasks for which AI works well

- Check spelling, grammar, tone, format
- Draft/revise emails, letters, documents, articles, social media posts, outlines, tutorials
- Summarize text, reports, PDFs, videos
- Chunk content, create task lists
- Note-taking, captioning, translation
- Build habits, provide focus, Pomodoro timer
- Brainstorm, coach
- Curate resources, connect research
- Planning – meetings, trips, menus
- Generate images, video thumbnails
- Edit photos, videos, audio
- Create charts and graphs
- Create podcast from article or website

Oregon State University Ecampus

Bloom's Taxonomy Revisited

Use this table as a reference for evaluating and considering changes to aligned course activities (or, where possible, learning outcomes) that emphasize distinctive human skills and/or integrate generative AI (GenAI) tools as a supplement to the learning process.

All course activities and assessments will benefit from ongoing review given the evolving capabilities of GenAI tools.

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	Distinctive Human Skills	How GenAI Can Supplement Learning*
CREATE	Engage in both creative and cognitive processes that leverage human lived experiences, social-emotional interactions, intuition, reflection, and judgment to formulate original solutions	Support brainstorming processes; suggest a range of alternatives; enumerate potential drawbacks and advantages; describe successful real-world cases; create a tangible deliverable based on human inputs
EVALUATE	Engage in metacognitive reflection; holistically appraise ethical consequences of other courses of action; identify significance or situate within a full historical or disciplinary context	Identify pros and cons of various courses of action; develop and check against evaluation rubrics
ANALYZE	Critically think and reason within the cognitive and affective domains; justify analysis in depth and with clarity	Compare and contrast data, infer trends and themes in a narrowly-defined context; compute; predict; interpret and relate to real-world problems, decisions, and choices
APPLY	Operate, implement, conduct, execute, experiment, and test in the real world; apply human creativity and imagination to idea and solution development	Make use of a process, model, or method to solve a quantitative or qualitative inquiry; assist students in determining where they went wrong while solving a problem
UNDERSTAND	Contextualize answers within emotional, moral, or ethical considerations; select relevant information; explain significance	Accurately describe a concept in different words; recognize a related example; translate to another language
REMEMBER	Recall information in situations where technology is not readily accessible	Retrieve factual information; list possible answers; define a term; construct a basic chronology or timeline

*AI capabilities derived with reference to an analysis of the MAGE framework, based on ChatGPT 4 as of October 2023. See Zaphir, L., Lodge, J. M., Lisec, J., McGrath, D., & Khosravi, H. (2024). How critically can an AI think? A framework for evaluating the quality of thinking of generative artificial intelligence. arXiv preprint arXiv:2406.14769.

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Extension and Outreach

Generative AI Workshops and Presentations

Using Generative AI in the Workplace
Gain a general understanding of how generative artificial intelligence works and the impact it might have on your work. Topics include applications for ethical and responsible use of generative AI.

Effective Communication with DiSC™ and Generative AI
Participants improve their communication skills through the lens of the DiSC® communication styles for workforce training and identify uses of generative AI for enhanced communications.

Supervision and Management with Generative AI
This experience provides resources and strategies for using AI to support those who utilize supervision or management skills in their work.

Leveraging Generative AI for Coaching and Mentoring
Participants enhance their mentoring and coaching skills by utilizing generative AI resources to improve communication and provide more efficient, scalable, and personalized practices.

Custom Presentations and Workshops
Let us design your custom events focused on the use of generative AI tools in your specific area of interest. These sample topics are perfect for workforce training and adult audiences of all skill levels.
- Prompting Perfection: Crafting Questions to Spark AI Magic
- Let's ChatGPT: Explore how AI can impact and improve your mission
- Digital Nourishment: Using AI for Community Outreach
- Seeds of Innovation: Boosting Efficiency Ethically with Generative AI
- Messaging Matters: Amplify Communications with Generative AI

Generative AI Chatbots (June 2025)

Microsoft Copilot (Chat/365)	https://copilot.microsoft.com
Open AI ChatGPT	https://openai.com/
Google Gemini	https://gemini.google.com/app
Perplexity	https://www.perplexity.ai/
Anthropic Claude	https://claude.ai
DeepSeek	https://chat.deepseek.com/sign_in
Open AI DALL-E	https://openai.com/index/dall-e-3/
Grok	https://x.ai/

Tools and Apps

Google NotebookLM	https://notebooklm.google.com	Summarize, podcast overview
Google AI Studio	**https://aistudio.google.com**	**Multimodal**
Research Rabbit	https://www.researchrabbit.ai/	Find related research
Chat PDF	https://www.chatpdf.com/	Q&A, understand content
HeyGen	https://heygen.com	Create avatars, videos
Poe AI	https://poe.com/	Find apps and create agents

Prompt Writing Tip

Framework	Context	Adjustments or Constraints
Use this framework to _____	Based on what you know about _____	Paragraph, Bulleted list, Spreadsheet, Graph, Slides Include/ Exclude, Number / Length, Steps, Level, Tone