



Use Cases for Generative AI

Adapted from [Mollick, E. & Mollick L., 2023](#)

AI use	Role	Pedagogical benefit	Pedagogical risk
Mentor	Provide feedback	Frequent feedback improves learning outcomes.	Feedback may contain errors
Tutor	Direct instruction	Personalized direct instruction	Uneven knowledge base/confabulation
Coach	Prompt metacognition	Opportunities for reflection and regulation	Risks of incorrect advice
Teammate	Increase performance	Provide alternate viewpoints	Confabulation and errors
Student	Receive explanations	Improved comprehension	Confabulation and argumentation
Simulator	Deliberate practice	Practicing applying knowledge aids transfer	Inappropriate fidelity
Tool	Accomplish tasks	Improves the efficiency of task completion	Outsourcing thinking rather than work