

enhancing learning with AI

Apply the equation below to guide when and how to assign AI.

AI

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Student Contribution

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Enhanced Outcome

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- Curiosity
- Basic knowledge of topic
- Awareness of resource relevance & timeliness

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Researching

- Refining research questions for focus
- Finding diverse resources
- Summarizing text for relevance
- Offering new considerations

AI

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- Assignment guidelines
- Concept understanding
- Critical analysis
- Prioritizing requirements
- Audience awareness

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Brainstorming

- Generating ideas quickly
- Suggesting resource/time constraints
- Identifying risks
- Encouraging creative, unrestricted thinking

AI

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- Assignment guidelines
- Risk assessment
- Resource considerations
- Prioritization

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Planning

- Coordinating group schedules
- Outlining project plans
- Drafting meeting agendas
- Practicing debates/interviews

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- Assignment guidelines
- Completed research
- Drafted content/ideas
- Prioritization
- Audience awareness

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Refining

- Editing for clarity and brevity
- Ensuring guidelines are met
- Suggesting additions or cuts based on research

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- Course resources
- Questions
- Application context
- Prior knowledge

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Understanding

- Checking for comprehension
- Reframing course content
- Offering custom examples and quizzes
- Suggesting study methods and pacing

AI

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- Assignment guidelines
- Design parameters
- Audience awareness
- Critical analysis

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Content creation

- Generating supportive images
- Creating filler 'copy' for design projects
- Matching existing language to a new context or tone

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

Mollick, E. (2024). *Co-intelligence: Living and working with AI*. Portfolio/Penguin.

Mollick, E. R., & Mollick, L. (2023). Assigning AI: Seven approaches for students, with prompts. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4475995>

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