

Integrating Generative AI into an English Research Writing Course: Building AI Literacy Skills

生成AIを活用した英語研究論文執筆教育：AIリテラシーの育成に向けて

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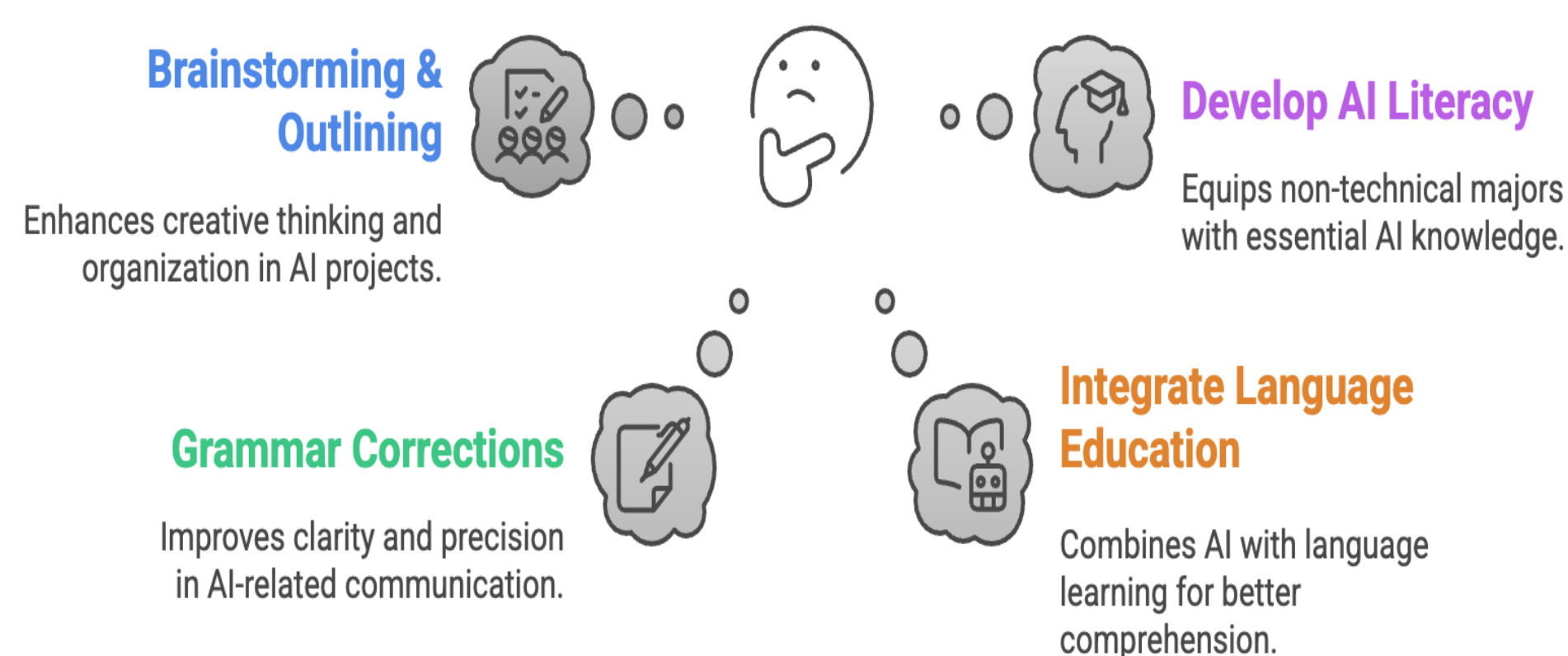
Research Highlights

- ✓ **Background:** Students Do Not Know How to Think and Write Effectively with AI Tools: Few Courses Teach AI Literacy and English
- ✓ **Method:** Gradually Develop Student's AI Literacy Skills via an Academic English Writing Course over 16 weeks
- ✓ **Results:** Enables Students to be Equipped with AI-powered Skills for the Global Workplace

Why AI Literacy Matters in Higher Education

- AI Literacy = Essential Workforce Skill
- Employers Demand Graduates who Can Use AI Ethically and Creatively
- English Has Become the Default Language for Gen AI
- Course Bridges Academic Writing and Real-World Communication using AI Tools

How to effectively integrate AI into education?

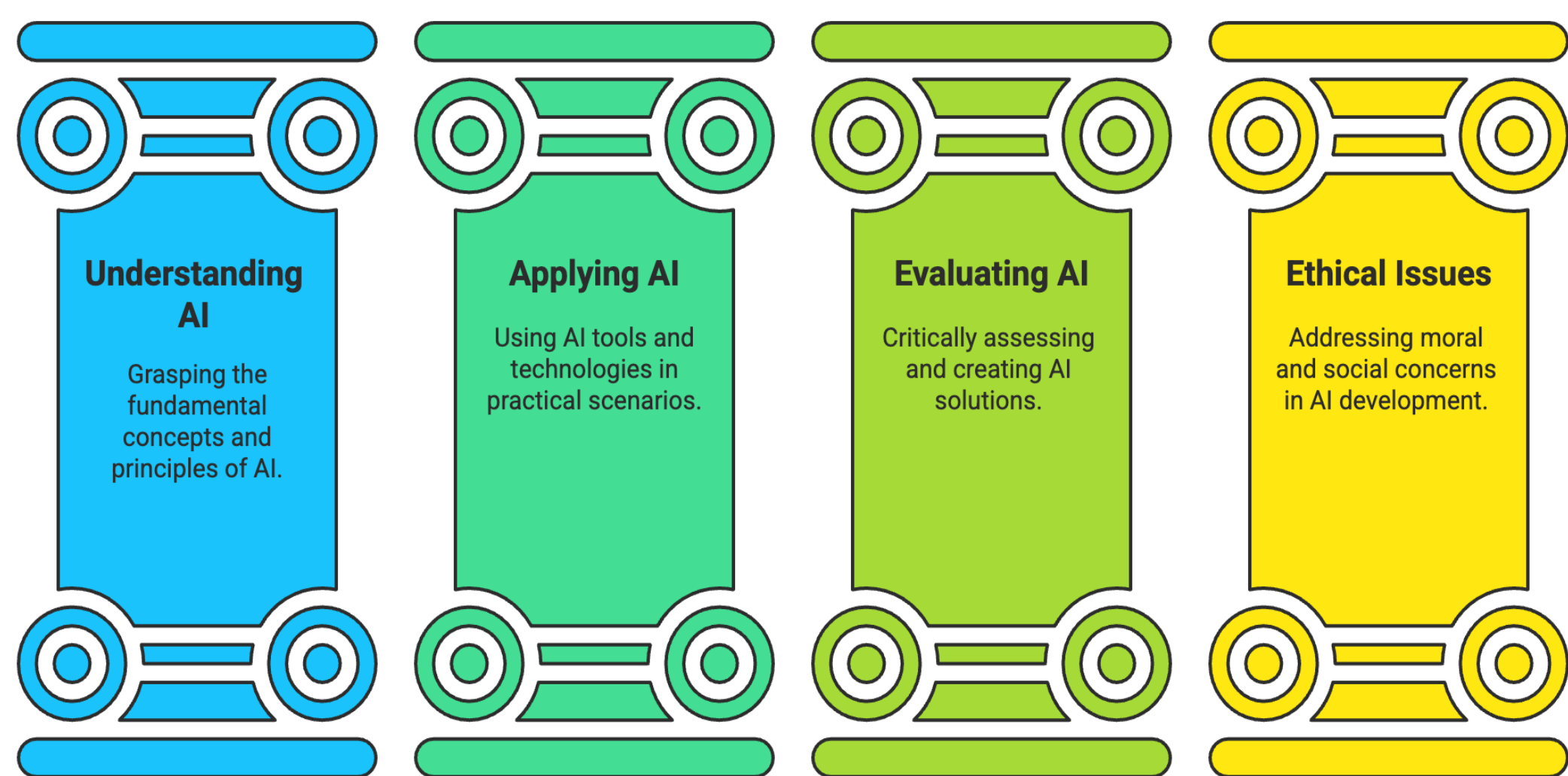


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Research Highlights

- Few Classes Focus on AI Literacy and English
- Students Use AI Weekly Now
- Book Highlighting this Research to be Published in Spring 2026
- Course is a Practical Model for AI Literacy for any Department
- Students Cultivate Structured Thinking, Logical Reasoning and Critical Judgement

Foundations of AI Literacy



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Graduates Gain the Thinking, Writing, and AI Collaboration Skills Industries Need



OKAYAMA UNIVERSITY

Student Outcomes and Impact

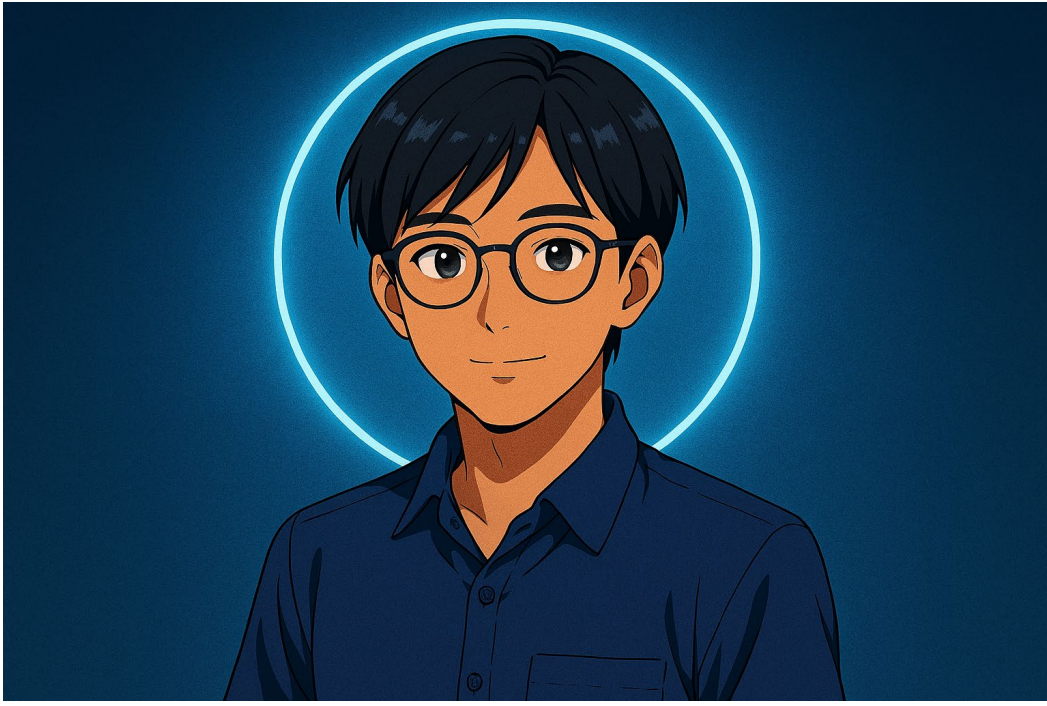
When the Course Finished

Student Voices:

“If it is used correctly, AI helps us and improves our English skills.”



“I recommend using AI tools because they give you a new perspective.”



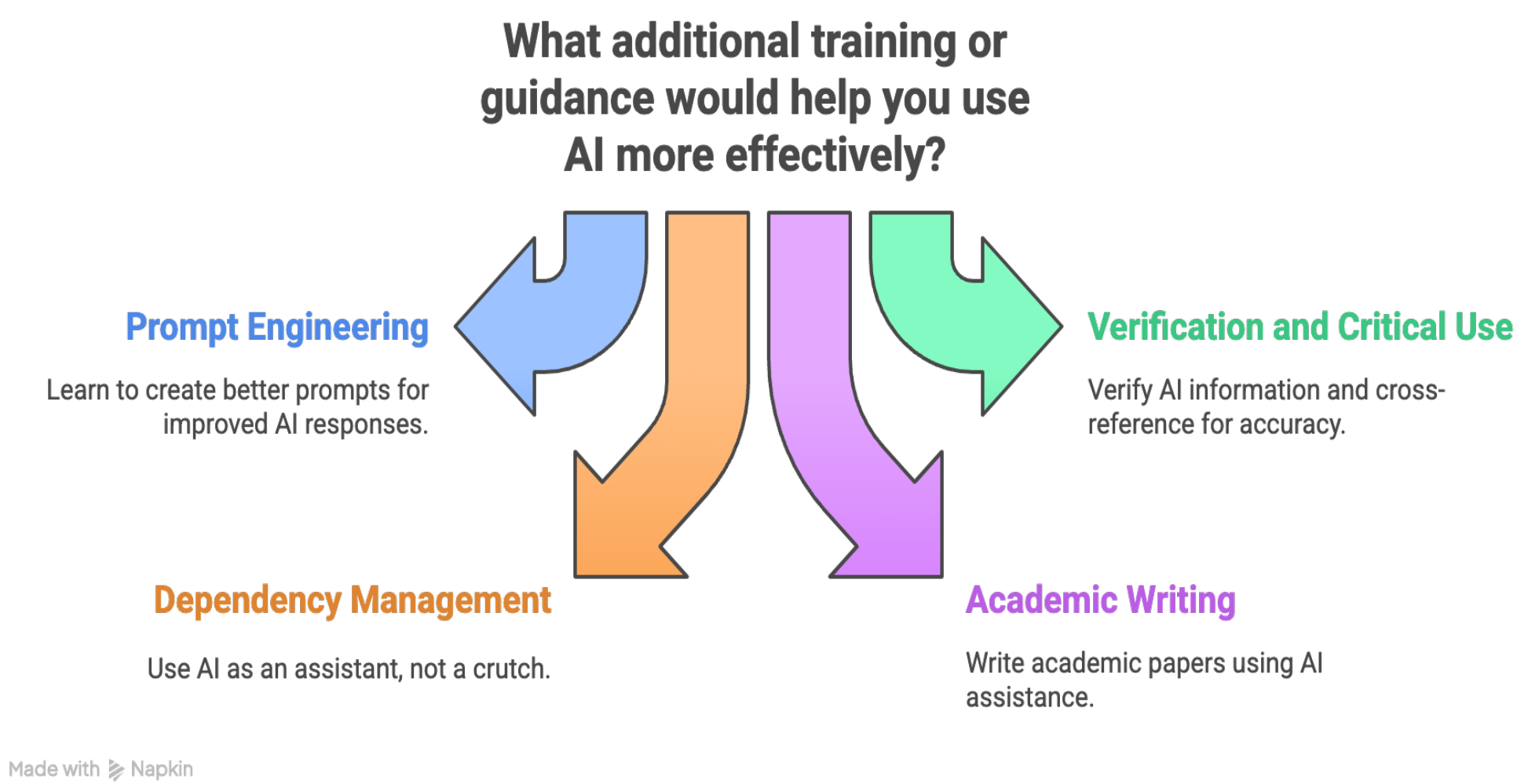
“AI is good because it can suggest new ideas and check our writing content, so it decreases our burden.”

Key Challenges Using AI:

- Difficulty in Providing Effective Instructions to AI
- Issues with Output Accuracy and Relevance
- Concerns About Originality and Plagiarism
- Specific Problems with Translation and Unique Words

One Year Later

- 100% say AI has a Positive Influence on their Academic Work
- 72% Feel they are Using AI Ethically and Responsibly
- 63% Use AI Weekly for Support
- 82% use AI for Summary Writing and Learning Support
- Students are Empowered to Write and Think with AI



Key Challenges Using AI 1-year Later:

- Accuracy and Reliability of Information
- Evaluating Credible AI Responses
- Trust and Usage Boundaries
 - How much AI should I use?
- Impact on Critical Thinking
- Answers are easy to get. Am I reducing my thinking capacity?

For More Information

Original Research
(English)



Spring 2026
Book
Information
(日本語)



“AI in education is not optional — it’s essential.”

