



國立臺灣大學教務處

教學發展中心

Guideline for Generative AI Use in Courses



(Download Manual)

Center for Teaching and Learning Development,

Office of Academic Affairs

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About this guideline

- Generative AI is rapidly transforming teaching and learning. Research indicates that if students use AI without proper guidance or rely heavily on AI-generated answers, their learning and critical thinking skills will be weakened. This guideline aims to support instructors in guiding students to use AI tools appropriately in courses, to develop human–AI collaboration skills, and to ensure the depth of learning as well as learner agency.
- This guideline categorizes the use of AI tools into three levels: green, yellow, and red. It is **for reference only** and does not constitute an official university policy. Instructors may design appropriate regulations according to their course objectives.
- Instructors are encouraged to explain the rules for using AI tools **in the course syllabus during the first week of the semester**, helping students understand the underlying principles and develop responsible practices.

- Allowed
- Conditionally allowed
- Prohibited



For more information, please refer to
CTLD'S webpage:
[Teaching and Learning in the Age of AI.](#)

Guideline for Generative AI Use in This Course ([↓ Sample Slide](#))

- The core focus of this course: ...; AI capabilities covered: Literacy, Fluency, Competency, or Orchestration; and the use of AI tools in this course is positioned as ____ + ____ (e.g., Interaction + Learning support).
- **Scope of use:**
 - Allowed: ____ (e.g., brainstorming topics)
 - Conditionally Allowed: ____ (e.g., predicting experimental results)
 - Prohibited: ____ (e.g., core algorithms)
- **Three Core Principles:**
 - 1) Honesty & Transparency: Cite the tools used, the prompts provided, the extent of usage, and the modification process.
 - 2) Verification & Accountability: Take full responsibility for the final output. "AI wrote it" is not a valid excuse for errors or plagiarism.
 - 3) Privacy & Ethics: Do not input sensitive, private, or infringing content. Maintain critical thinking and avoid AI bias.
- **If in doubt, please consult the teaching team before use.**

1. Writing, Humanities, and Social Sciences Courses

Core Focus: Critical Thinking and Argumentation.

● Allowed: Brainstorming topics, generating preliminary outlines, refining grammar and phrasing, finding counter-arguments to stimulate thinking.

● Conditionally Allowed: Translating foreign literature (must attach original text for comparison), summarizing long articles (must self-verify for missing key points).

● Prohibited: Generating entire papers, fabricating citations (hallucinating references), mimicking specific author styles without attribution.

If using AI for editing, please note at the end: “The first draft of this text was written by the author; ChatGPT (AI model version) was used to optimize grammatical flow.”

► For detailed examples, please refer to the Appendix of [“AI Use Principles Handbook.”](#)

2. STEM and Laboratory Courses

Core Focus: Data Authenticity and Logical Deduction.

- Allowed: Formatting laboratory reports, explaining complex physical/chemical principles, assisting with writing lab abstracts.
- Conditionally Allowed: Analyzing data trends (must retain original calculation process for verification), predicting potential results to adjust experimental procedures.
- Prohibited: Fabricating experimental data (making up results), using AI to interpret results to bypass actual experimentation.

If using AI for data assistance, please note: “Claude (AI model version) was used as an auxiliary tool for chart analysis in this report; all core data were obtained through actual laboratory observation.”

► For detailed examples, please refer to the Appendix of [“AI Use Principles Handbook.”](#)

3. Programming and Information Technology Courses

Core Focus: Problem Solving and Algorithmic Logic.

- Allowed: Explaining specific syntax, adding comments to existing code, seeking debugging suggestions for specific error messages.
- Conditionally Allowed: Optimizing the performance of existing code (must explain the optimization logic), generating boilerplate code.
- Prohibited: Asking AI to write the core algorithms for assignments, copy-pasting blocks of code without understanding the logic.

Please include in code comments: "The optimization logic for lines 45-60 references suggestions from GitHub Copilot and was modified by the author."

► For detailed examples, please refer to the Appendix of [“AI Use Principles Handbook.”](#)