



# NATIONAL INSTITUTE ON ARTIFICIAL INTELLIGENCE IN SOCIETY CALIFORNIA STATE UNIVERSITY SACRAMENTO

<http://csus.edu/ai>

## SEVEN WAYS STUDENTS SHOULD USE AI RIGHT NOW

• <https://chat.openai.com> • <https://bing.com/chat> • <https://claude.ai/chats> • <https://bard.google.com/chat> All of these AI-powered chatbots have free versions.

### Why use AI?

- Employers expect their employees to use it for efficiency.
- It will save you time on more mechanical tasks, and free time for learning more advanced skills.

### Without asking permissions from anyone

1. **Aggregator of Information:** AI can gather and summarize information on various topics, such as ethical theories, recent AI research in education, and the integration of AI in higher education.
2. **Coach/Tutor:** AI serves as a personal tutor for subjects like language learning, economics, and GRE preparation, providing individual assessments and feedback.
3. **Counselor/Therapist:** AI offers support for managing coursework stress, building social networks, staying motivated, addressing future career anxieties, resolving conflicts, and dealing with homesickness.
4. **Brainstorming Partner:** AI assists in developing manuscripts, evaluating the uniqueness of ideas, outlining argumentative strategies, and identifying research gaps.
5. **Feedback Provider:** AI reviews academic papers against grading rubrics, suggests improvements, evaluates lesson plans, and assesses the coherence of arguments.
6. **Editor and Copy Editor:** AI identifies inaccuracies in papers, enhances readability, corrects grammatical errors, and conducts language checks.

### After discussion with instructor

7. **Writing Partner:** AI transforms notes into structured narratives, expands on concepts for research papers, adapts writing styles, and crafts compelling introductions. The reason you should ask the instructor is because in some cases the use of AI may prevent you from learning a skill that is foundational for advanced learning in a specific discipline.

### Bad ways of using AI

1. A *lazy prompt* is when you simply copy an assignment description from a syllabus and ask AI to write a paper for you. It is both unethical to pass someone else's work as your own and utterly useless. AI alone cannot produce good quality work.
2. Do not trust AI to provide accurate facts. It is prone to "hallucinations" and makes quite a few factual errors. The responsibility for information is still yours. No matter how good the output looks, always check facts and edit.

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**January 26, 2024. Please note:** all NIAIS recommendations are living documents. We improve them as we receive feedback from users. Save the link, not the document.