Artificial Intelligence

HOW STUDENTS CAN ADDRESS THE LIMITATIONS OF AI

Bias

The data informing AI tools may contain biased or discriminatory information, which can be reflected in their outputs. To reduce this risk:

- Before using an AI tool, check for a statement from the provider that outlines how they address bias. Leading AI companies like Microsoft, Google, and OpenAI often provide these statements. They should confirm that:
  - Diverse and representative source data was used.
  - Strategies to minimize bias and discrimination are part of the AI tool's design.

- Review AI outputs carefully for biased or discriminatory content. Look for information that focuses on only one demographic or reinforces assumptions and stereotypes.

Originality

AI-generated content is based on pre-existing human material, so its outputs lack true originality and innovation. To maintain academic integrity and creativity:

- Use AI tools as a starting point for brainstorming, but ensure the final work reflects your own critical thinking and original ideas.

- AI can handle routine tasks, but always apply your own creativity, analysis, and judgment to the more meaningful and complex parts of your assignments.

- Your originality and critical thinking are irreplaceable—use AI for support, but ensure your work stands out with your own analysis and creativity.

Hallucinations

AI tools can sometimes generate incorrect, misleading, or entirely fabricated information. To ensure accuracy:

- Always double-check AI-generated content with trusted sources before incorporating it into your work.

- Be cautious, as AI tools may confidently present false information. Rely on reputable sources and cross-check facts when using AI in research or content creation.

- Using AI responsibly means treating it as a starting point, not a final source—stay critical and confirm all claims before you rely on them.

Critical Application

Over-reliance on AI can reduce your ability to fully understand and apply course material on your own. In the long term, this may weaken essential skills. To avoid this:

- Use AI tools as a supplement to your learning, but ensure you grasp the concepts and can complete tasks independently.

- Stay actively engaged in class discussions and activities to reinforce your understanding—don't rely solely on AI for learning.

- Prioritize developing your own critical thinking and problem-solving skills to ensure long-term academic and personal growth.

Writing

AI-generated writing often lacks the depth and coherence needed for academic work. It's important to develop strong foundational writing skills.

- Avoid using AI for reading tasks, as engaging directly with texts helps you learn diverse writing styles, argument structures, and language use.

- Use AI for brainstorming or generating initial prompts, but always check with your instructor before using AI tools, especially in writing-focused courses where such use may not be allowed.

- Write your first drafts independently, using AI tools only for feedback or minor revisions—not for developing or structuring your content, and only when permitted by your instructor.