

Clemson Graduate School Statement on Artificial Intelligence and Academic Integrity

It is the responsibility of course instructors and research advisors to clearly communicate their policy on the use of AI in teaching and research.

- In teaching, course instructors should include a section in their syllabi addressing AI that, at a minimum, contains: (1) clear policy regarding acceptable uses of AI, if any, and (2) an explicit statement that suspected violations of said policy will be facilitated using the Academic Integrity process outlined in the Graduate School Policies and Procedures Handbook.
- In research, advisors should meet with advisees to clearly communicate the University's [Research Misconduct policy](#), related expectations and the consequences of violating the policy.

Prior to constructing the AI section of your syllabus, review the University's [Artificial Intelligence Guidelines](#) for an overview of AI risks and best practices, and University procedures for approval of AI tools.

Artificial intelligence (AI) is becoming ubiquitous in all phases of life including on college campuses. AI tools continue to transform teaching, learning, and research when used properly; however, improper use negatively impacts student learning and the generation of original and creative thought that is a core intent of the academy. Improper use strikes at the heart of academic integrity and must be addressed in teaching and research.

Above is an initial statement regarding artificial intelligence and academic integrity at the graduate education level, rather than a policy. As we learn more through engagement with our campus constituents, and national and global thought partners (i.e., peer institutions and professional associations), the Graduate School's future statements and approaches to policy and procedure on these matters may transform.

Guiding Principle of the Graduate School Statement

All submissions to meet course and/or degree requirements must either be students' own work or must clearly acknowledge the source. Students must be able to demonstrate understanding of the content and/or intellectual contributions.

Constructing the AI Section of Syllabi

Main messages

Regarding the use of artificial intelligence (AI), for all work that is submitted for grading and evaluation:

- The use of Digital Writing Assistants (e.g., spelling checkers in MS Word and Overleaf) is (permitted/permitted under certain conditions/prohibited).

- The use of Generative AI tools and Large Language Models (GAI/LLM) is (permitted/permitted under certain conditions/prohibited).
- If either or both are *prohibited* – Suspected violations will be facilitated using the Academic Integrity process outlined in the Graduate School Policies and Procedures Handbook.

If GAI/LLM use is permitted, a clear statement should be included of expectations regarding the need for attribution or not and specific citation formats if attribution is required.

Possible additions

Statements like the following can be used to further clarify AI use:

- Students are responsible for the content of their submissions and may be asked to verbally explain or defend that content. This explanation will be considered in assigning a grade for the submission.
- The use of GAI/LLM is only permitted on assignments identified as an “AI Assignment.”
- Students should retain records of their original work as proof that AI was not used should an AI detector flag content as AI generated.
- GAI/LLM may provide biased and/or inaccurate results. You are responsible for ensuring that your work does not replicate these biases or factual errors.

Additional Resources for Faculty

AI is evolving quickly, and it is important for faculty to be intentional in its use in their classes and research. There are many resources on this topic that include valuable tips for courses and syllabi, including the following:

- <https://ai.northwestern.edu/education/use-of-generative-artificial-intelligence-in-courses.html>
- <https://cetli.upenn.edu/resources/tech/generativeai/>
- <https://cte.ku.edu/adapting-classes-artificial-intelligence-era>

AI detectors are being used in academia currently. At Clemson, Turnitin is readily available and often used; however, be aware that this software can produce false positives and should be used with some caution. For example, Vanderbilt and Northwestern both disabled Turnitin’s AI detection tool in August

2023 and recommended they not be used as a basis for academic dishonesty allegations. Turnitin will flag Grammarly edited content as AI-generated.

Note: Email from Lopes on 4/17/24 to all faculty