Student Use of Generative AI (GAI) at Missouri S&T

This past spring 2024, a faculty task force representing all three colleges met to develop guidelines which would assist S&T faculty with developing their own course policies for student use of generative AI (GAI). In addition to faculty, representatives from IT Security and the Wilson Library also participated in the task force. The goal was to produce a series of clear and reasonable criteria faculty could use if they deemed necessary for their courses.

The task force produced three levels of GAI use in courses:

- **GAI tools may be used to augment your learning process, not replace it.**
  
  When GAI is allowed you must verify and cite all claims and information appropriately. GAI are known to hallucinate. Do not blindly trust the information an AI generates. You must also not adopt generated content without reflection and revision to make it your work.

- **GAI tools may only be used under the guidance of the instructor for specific assignments and in a particular manner.**
  
  When GAI is allowed you must verify and cite all claims and information appropriately. GAI are known to hallucinate. Do not blindly trust the information an AI generates. You must also not adopt generated content without reflection and revision to make it your work.

- **No use of GAI is acceptable for use on any graded class activity. Use of GAI may result in a zero for the assignment.**

These categories are not intended to be comprehensive; the GAI task force recommends that faculty include their own written policy regarding students’ GAI use. Widespread use of the above images by S&T faculty may promote more consistent student recognition of course GAI policies. The images will be included in the syllabus material provided to all faculty members by the office of Undergraduate Education before the semester starts. They will also be automatically included in syllabi created using Simple Syllabus.

**Why levels are helpful:**

- Instructors have academic freedom to set acceptable levels of GAI use in their classroom, and students need to clearly understand the expectation from one instructor to another.
- When an academic honesty issue is raised, a clear statement on the syllabus such as the red—no use of GAI is acceptable—makes the case easier to address.
- Student resources such as tutoring or the S&T Writing & Communication Center can help students operate within the rules set by the instructor.

**Here are some useful examples of how GAI can be used in teaching:**
- A detailed collection of over 20 examples from Harvard University
  https://aipedagogy.org/assignments/
- The book *Teaching with AI* by Jose Bowen and C. Edward Watson, CAFE has copies you can borrow or you can check out a digital copy from the S&T library.
- A detailed list of prompts, ready to cut and paste from Jose Bowen who spoke at S&T in March 2024 at [https://teachingnaked.com/prompts/](https://teachingnaked.com/prompts/)

**Using AI checkers:**
- The UM system does not endorse nor provide an AI checker. These have been shown to be highly unreliable and biased. Faculty are therefore cautioned against attempting to use this type of software. GAI are constantly updating, and detection software has not been able to keep up.

**Additional optional GAI statements and images:**

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If an instructor designates different levels for assignments or projects within a course, it is recommended that each assignment within the course or assignment be tagged as green, yellow, or red. These icons can be used to tag individual assignments.