Embracing Generative Artificial Intelligence Responsibly

Like many technological advances before it, generative artificial intelligence (GenAI) is a disruptor. South Dakota Mines does not shy away from disruption; on the contrary, we seek to educate and create disruptors who innovate, tackle big problems, and change the world.

To realize our vision of developing world-class leaders in science and engineering to benefit society, South Dakota Mines seeks to harness the power of and embrace the ethical and responsible use of GenAI across the institution.

Specifically, the institution is committed to:

- Providing a quality and relevant STEM curriculum that educates students about how to critically engage with GenAI.
- The success of all faculty by providing the resources and support to develop faculty skill and knowledge about how to teach utilizing GenAI.
- Reducing employee burden and workload while maximizing productivity and efficiency by providing all employees with access to and training on GenAI.

The following principles outline the standards we expect all members of the South Dakota Mines community to adhere to.

Guiding Principles:

1. **Ethical Use.** The utilization of GenAI shall be done in accordance with all existing policies, guidelines, standards, and norms.
2. **Equitable Access.** Adoption of GenAI tools shall be done in such a way as to ensure that all members of the South Dakota Mines community benefit from equal access to the same quality tools. Further, all members of the South Dakota Mines shall be supported in their training, knowledge acquisition, and skill development regarding the appropriate use of GenAI tools.
3. **Accountability.** GenAI tools are not infallible. Users of GenAI tools understand their responsibility to comply with all laws, policies, standards, and norms; ensure the accuracy of any GenAI-assisted works; understand the limitations of GenAI; and that they shall be held accountable for their actions.
4. **Transparency.** Proper citation and disclosure are required when GenAI has been utilized.
5. **Innovation.** GenAI tools may be appropriate to assist, augment, inspire, and support innovation; they shall not be utilized autonomously.
6. **Monitoring and Improvement.** Given the rapidly evolving nature of GenAI, the use of GenAI tools shall be regularly monitored and assessed, and these Guiding Principles updated accordingly.

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