**Engineering Education in the Era of Artificial Intelligence: Role, Challenges, and Ethical Concerns**

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The Northeast Section of the American Society for Engineering Education (ASEE-NE) is the leading professional organization in engineering education with over eight hundred members from the following states: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont, as well as Eastern Canada. The Northeast section includes over 70 Universities and Colleges. We are pleased to announce that this year’s Northeast Section Conference will be held at the University of Bridgeport on Saturday, March 22, 2025. The theme for this year’s conference is “Engineering Education in the Era of Artificial Intelligence: Role, Challenges, and Ethical Concerns”. Conference Website: <https://www.bridgeport.edu/conferences/asee/>

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# Introduction/Background

Present introduction to the work…

# Data/Formulation/Methodology

We have developed a holistic assessment system …

# Analysis

We analyze the rubric for each assessment here…

# Conclusions

We have presented a list of our assessment instruments and rubrics ….

# References

1. John W. Prados, George D. Peterson, and Lisa R. Lattuca, “Quality Assurance of Engineering Education through Accreditation: The Impact of Engineering Criteria 2000 and Its Global Influence,” *Journal of Engineering Education* (January 2005): 165-184.
2. Gina Svarovsky and David Shaffer, “Design meetings and design notebooks as tools for reflection in the engineering design course,” in *Proceedings. Frontiers in Education. 36th Annual Conference* (presented at the Frontiers in Education. 36th Annual Conference, San Diego, CA, USA, 2006), 7-12, IEEE.
3. Robin S. Adams, Jennifer Turns, and Cynthia J. Atman, “Educating effective engineering designers: the role of reflective practice,” *Design Studies* 24, no. 3 (May 2003): 275-294.
4. C.L. Dynn et al., “Engineering design thinking, teaching, and learning,” *Engineering Management Review, IEEE* 34, no. 1 (2006): 65.