

THE POTENTIAL OF AI IN REDUCING ACADEMIC DISHONESTY AMONG INTERNATIONAL STUDENTS

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Effective adult teaching and learning extends beyond the typical educational path. It is a voluntary choice of learning throughout life for personal and professional development. Traditional computer systems are being replaced by AI and integrated into adult education and adult education research (Milana et al., 2024; Kang, 2023). As the OECD noted in 2021, “Realizing AI’s full potential and ensuring that using AI for training has beneficial outcomes for all requires more research and policies that address the need for digital skills, the costs of adoption, and the development” (p.9). AI has shifted the adult educator’s role in adult learning by turning the learning environment into an open, intelligent learning system. Ongoing issues such as ethical concerns regarding data privacy, intellectual property, security, and cheating by learners or researchers must continue to be consistently regulated in tandem with AI’s continuous development. Adult educators must use research-based curriculum design and development in AI literacy and capabilities to further curriculum engagement and relevance. Further, AI in adult education forces adults to reflect and redefine their role in teaching, challenging them to improve their andragogical and analytic skills, develop digital literacy, and be prepared to work with AI colleagues.

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Section 3 of this article discussed the concerns and challenges of transitioning towards the broad use of AI in adult education. While Generative AI poses ethical challenges, these tools are ideally positioned to help educators transform adult education by replacing the traditional andragogical training model with a new dynamic structural model (Storey et al., 2023). This paper section focuses on emerging trends and future directions for using generative AI in adult education. The transformative role of generative AI in education, particularly in Technical and Vocational Education and Training (TVET), can reshape adult education by fundamentally changing how learning and instruction are perceived (International Vocation and Educational Training Association [IVETA] & Wawiwa Tech 2023). Through AI, educators can speedily generate course and lesson materials, immersive experiences, real-world simulations, visually striking graphics, tests, and comprehensive and personal assessments. Such enhancements are particularly valuable in vocational training and adult learning, where the application of real-world skills takes precedence. Recent research by Akbar et al. (2024) validates IVETA’s assessment regarding the significant impact of

generative AI on adult education. As does a longitudinal study by Zhang et al. (2022), which monitored the professional progress of adult learners who participated in AI-driven upskilling programs. The study found that AI-driven upskilling programs substantially impacted the learners' employability and career development.

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