



Academic Integrity and Artificial Intelligence in Imaging Sciences Education: Challenges, Strategies, and Opportunities

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Learning Objectives

At the Conclusion of This Presentation, Participants Will Be Able To:

- Describe the impact of artificial intelligence (AI) on academic integrity and professional accountability in sonography and radiography education.
- Identify discipline-specific academic integrity challenges associated with AI use in:
 - Sonography education
 - Radiography education
 - Clinical education environments
- Discuss instructional and assessment strategies that promote academic integrity while accurately evaluating student knowledge, skills, and competency in AI-integrated imaging programs.
- Differentiate between appropriate and inappropriate uses of AI in imaging sciences education.
- Develop at least one strategy to support the ethical and responsible integration of AI within an imaging science program.

Key Takeaway

As AI becomes increasingly integrated into imaging sciences education, educators must balance innovation with accountability by promoting ethical AI use, maintaining academic integrity, and ensuring that student competency is accurately assessed and documented.