Effective use of Artificial Intelligence (AI) on the block and what does this mean for integrity?

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This study examines the integration of Artificial Intelligence (AI) in higher education (HE), particularly its effects in block model classrooms where students focus on one subject for four weeks. It aims to assess AI's influence on student learning experiences and academic staff teaching practices in this intensive learning framework. Employing a mixed-methods approach, the research combines surveys, focus groups, and grade analysis to evaluate student outcomes and experiences with AI tools like tutoring systems, personalised learning platforms, and automated assessment technologies. These tools aim to offer real-time feedback and tailored learning paths.

The project also explores AI's impact on academic staff, looking at changes in teaching strategies, workload, and perceptions of AI in education through surveys and interviews. The goal is to uncover the advantages and challenges of AI adoption in teaching.

Expected outcomes include insights into AI's effective integration in HE, particularly with the block model, assessing its effects on engagement, outcomes, and teaching experiences. The study aims to guide HE institutions in AI adoption, influencing policy and curriculum development to ensure AI tools enhance educational quality and efficiency in higher education's changing landscape.