Examining the Influence of Technology Integration in Professional Education Curriculum

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Abstract: This research investigates the profound impact of technology integration within professional education curriculum, focusing on its implications for learning outcomes, technology utilization patterns, and variations across diverse professional fields. Leveraging a quantitative approach with a sample of 100 participants, the study unveils a significant positive correlation (p < 0.001) between the extent of technology usage and academic performance. Those who embraced technology achieved higher average grades and assessment scores, emphasizing the pivotal role of technology in cultivating dynamic and immersive learning environments. Learning Management Systems (LMS) emerged as a linchpin of modern education, enhancing content access and communication. The prevalence of interactive simulations and virtual labs further underscores technology's ability to augment experiential learning. While variations exist across professional fields, the study reaffirms technology's universal potential to benefit learners. Nevertheless, the research highlights challenges concerning digital distractions and the need for enhanced digital literacy support. Ensuring equitable access to technology remains imperative. This study contributes to the discourse on technology integration in education and calls for collaborative efforts among educators, institutions, and policymakers to harness its benefits effectively.

Keywords: Technology Integration, Professional Education, Learning Outcomes

REFERENCES


