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DETERMINING THE EFFECTS OF TUTORING MODALITY ON MIS STUDENT PERFORMANCE, COURSE EVALUATION, AND ATTRITION RATE

Background And Problem Statement
• The demand for online courses has more than double in the last decade.
• Cloud-based technologies offer college students with flexible schedules/access
• Students need multi-sensory e-learning environment depend on their learning styles and not all schools offer such courses.
• This project is designed to improve e-learning

Research Objectives
• Determining the effects of tutoring modality on MIS student performance, course evaluation, and attrition rate.
• Address the demand of the increasing demand for online education
• Improve the effectiveness of the e-learning and how to better engage and address individual learning styles

Target Population and Instruments
• College Students self-enrolled in MIS courses (2015-2016)
• Included 2 online MIS sections which were taught by the same instructor using the same textbook
  • One 16-week session course
  • One 8-week (Block2) course
• Used Student Survey that were administered to collect primary data and secondary data. Questions were answered using descriptive statistics.

Technological Framework
• Information Communication Technology (ICT)
• Cloud-based training
• Multisensory Learning Environment
• Multimedia Tutorial Modules were:
  • Videos with sound, graphics, and hands-on demonstration accessed via the internet.
  • Modules designed to address student’s individual learning styles

Future Studies
• Repeat the study with larger sample size and extended timeframe.
• Improve online environment and motivate students.
• Explores models for different courses and create effective teaching and learning tools.