TEACHING STRATEGIES THROUGH WEB-BASED TECHNOLOGY (WBT) AMONG PRIVATE HIGHER EDUCATION INSTITUTIONS

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ABSTRACT

The advent rises of technology today paved the way for the improvement of the innovative tools in the education curriculum. This study aimed to determine the current practices of using Web-based Technologies (WBT) in Higher Education Institutions in Batangas City, Philippines concerning communication and collaboration, creativity and innovation, and instructional design. It also looked at its level of acceptability for classroom instruction as assessed by administrators, teachers, and students. The level of seriousness of the problems met in the integration relative to teachers' preparation, curriculum content and administrative support were also evaluated. The research design was a descriptive survey method with the use of a researcher-constructed questionnaire as the data gathering instrument. The Weighted mean, T-test, and Probability values, with ANOVA, Percentage and Standard Deviation, were the statistical tools used to test the hypothesis posited in this study. The hypothesis tested the significant differences between the two groups of respondents regarding the extent of use of WBT in classroom instruction. Results revealed that to a very great extent, integration of WBT in the classroom promotes learner to interact, build a learning community and promotes student active participation in the classroom while Web-based integration increases student's productivity. Likewise, lack of funds to focus on technology integration was perceived by teachers as a moderately serious problem whereas lack of interest in providing training and technical support specialist to help teachers with technical problems about using technologies was found to be a slightly serious problem. On the basis of the findings and conclusions, the researcher developed a website that contains game-based interactive instructional materials that support instruction and collaboration and could be used to enhance students' critical thinking and problem-solving skills to achieve better learning outcomes.

Keywords: Web-based technology, instructional design, innovation, descriptive method, Philippines