

Design and Evaluation of Moodle-based Instructional Module in a Professional Education Course

Abstract: One of the most notable advancements in e-learning is the Learning Management System, which has aided the continuity of the teaching-learning process during the pandemic. The study aims to design and evaluate an instructional module for the professional education subject of the revised tertiary education curricula. It focuses explicitly on designing an instructional module, establishing its content validity, and evaluating the developed instructional module. This study employed the mixed-method design. The Moodle-based instructional module was developed for Building and Enhancing New Literacies Across the Curriculum (BENLAC), a professional education course for pre-service teachers in the implemented tertiary education curriculum aligned to the K-to-12 curriculum of Basic Education. Experts in content, design/format, technical/technological, and pedagogical aspects evaluated the instructional module. Two hundred sixty-one pre-service teachers utilized the BENLAC instructional module in a semester during the COVID-19 pandemic. The results showed that the evaluation of the developed Moodle-based instructional module by experts in content, design/format, technical/technological, and pedagogical aspects was “very good”. It can be concluded from the results that the developed instructional module is valid and effective for use despite the shift in modality during the COVID-19 pandemic.

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