The Development of Tablet-Based Learning Model with Problem-Based Learning

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Abstract

The purposes of this study were 1) to develop and validate the efficiency of the Tablet-Based Learning Model with Problem-Based Learning (TBL-PBL) for Operating System in Educational Course of Bachelor of Education Program, Faculty of Education, Naresuan University, 2) to compare pretest and post test learning achievement of students who studied by Tablet Based-Learning with Problem-Based Learning (TBL-PBL) 3) and to study students level of satisfaction after study Tablet-Based Learning Model with Problem Based Learning (TBL-PBL). The samples in this study were 25 students in Bachelor of Education Program, Faculty of Education, Naresuan University, in the academic year 2015, District, Phitsanulok Thailand.

The research instruments of this study were 1) Tablet-Based Learning Model with Problem-Based Learning for Operating System in Education Course 2) The learning achievement test 3) The Satisfaction survey. This research was carried out by a step ADDIE Model. The results of this research indicated that 1) the efficiency of Tablet-Based Learning Model with Problem-Based Learning (TBL-PBL) was 88.8/86.8 which was higher than the standard criterion of 80/80, 2) for the learning achievement, the students’ posttest score after learning with TBL-PBL were higher than those before learning at the statistically significant level of .05. 3) and it was found that the students’ satisfaction after using the TBL-PBL was at a “good” level.

Key Word: Tablet Based-Learning, Problem Based Learning, Tablet Based Learning Model