

Implementation of Problem Based Learning Methods for Growing Higher Order Thinking Skills and Student Learning Outcomes of Informatics Engineering Education Study Program Computer Network Practice

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ABSTRACT

This study aims to determine the difference of higher order thinking skill and student learning outcomes in the computer network practice course between students taught by PBL method with students taught by demonstration method. This research is a quasi-experimental research using two classes as sample. One class is given learning by using PBL method and one class using demonstration learning method. Data analysis in this research use t-test. The results showed that there are differences in the ability of high-level thinking and student learning outcomes in the course of computer network practice between students who were taught by the method of PBL with students who were taught by the method of demonstration. Improved learning outcomes of students of computer network practice courses taught by PBL method is better than improving student learning outcomes taught by demonstration learning methods that have been applied. Increased student learning outcomes taught by PBL method is higher.

Kata Kunci: learning methods, problem based learning, higher order thinking skills, learning outcomes