

Perception towards Cooperative Problem-Based Learning (CPBL) Among First Year Engineering Students

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Abstract

CPBL is an technique that combines Cooperative Learning (CL) into the Problem-based Learning (PBL) cycle. The preliminary result on the perception of first year students who go through the CPBL model in the class shows a positive improvement on deep processing and motivation in the learning process. The objectives of this research are to know the students' perception towards CPBL learning and to identify the problem that students faced while undergoing this learning process. This paper explains the observed transition of students' perception about the CPBL model that has been implemented in the class from the beginning of semester until the end of semester. The transition will focus on student's behavior, motivation and the development skill. The responder are among first year engineering students that experience the new implemented CPBL in the class conducted by engineering lecturer. The interview session was conducted to get data from the beginning, middle of semester and at the end of semester. From this paper, it can help lecturer who wants to implement the CPBL in the class to clearly understand the real problems that students are facing in the learning process, hence it can also be as a guideline for the lecturer to be a preparation for lecturer.

Keywords: Problem-Based Learning (PBL), Cooperative Learning (CL), Cooperative Problem-Based Learning (CPBL)
