

APPLIED COOPERATIVE LEARNING APPROACH EMPLOYED ON INDUSTRIAL ENGINEERING LABORATORY COURSES

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ABSTRACT

Learning process should always be meaningful and challenging yet enjoyable in order to stimulate the enthusiasm and interest of the students to perform certain tasks or academic related activities with cooperation. This study aimed to determine the frequency and extent of Cooperative Learning Approach applied on the Industrial Engineering Laboratory Courses with an end of improving the outcomes-based teaching and learning laboratory manuals. Descriptive type of research was utilized in the study. Results showed that cooperative learning approach is always being employed in Industrial Materials and Processes, Methods Study and Ergonomics which also obtained a very great extent in terms positive interdependence, individual accountability, student-to-student interaction, social skills and group processes. The frequency of Cooperative learning approach is significantly higher in Ergonomics compared to Method Study and Industrial Materials and Processes while no significant differences exist in the extent of cooperative learning. Machine Shop work activities are mostly being done in individual rather than by group. Team work in Method Study can still be improved through enhancing some of the objectives and procedures in the laboratory manual. The significant contribution of each member to the accomplishment of certain project should always be internalized and accompanied by realization and reflection.

Keywords: Education, Cooperative Learning, Descriptive, Philippines.