

ABSTRACT

The problems that are revealed in this research is about is there a difference and a significant increase in learning outcomes between students who are taught using CTL learning model and conventional learning on the competence of Pemeliharaan/Servis Transmisi Manual dan at SMK Nusantara Pelita 2 Semarang. This research aimed to know the difference and improvement of learning outcomes between the experimental group taught with CTL learning model and control group was taught with conventional learning. In this research using research design pre experimental design with static group comparison pattern. The population of this research are all students in grade XI TKR SMK Nusantara Pelita 2 Semarang 2009/2010 academic year. The samples from this research using cluster random sampling method and obtained class XI TKR E as the experimental group and class XI TKR C as the control group. Results of data analysis as a whole proves that there is a difference and a significant increase in learning outcomes between learning who use CTL model and conventional learning on the competence of Pemeliharaan/Servis Transmisi manual dan Komponen. This can be seen on the results of the average value of the initial data before the experiment at 45.72 for the experimental group and 46.27 for control group which means there is no significant difference in learning outcomes. Then after the experiment produced an average value of 82.66 to 62.38 for the experimental group and control group which means there is a significant difference in learning outcomes after the experiment and significantly increased from the initial condition that is 81% for the experimental group and 35% for the control group. So it can be said that the use of CTL learning model is better than conventional learning because it can decisively improve student learning outcomes are significantly and positively.

Kata kunci: Perbedaan hasil belajar, CTL, Pembelajaran konvensional, Transmisi manual.