

ABSTRACT

THE IMPROVEMENT OF LEARNING ACHIEVEMENT ON WORKING ACTIVITY USING LATHE MACHINE THROUGH MODULE LEARNING IN SMK N 1 SEDAYU BANTUL

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The purpose of this research are: (1) to know the students' achievement on Vocational Competence after using module, (2) to know the students' improvement on Vocational Competence after using module, (3) to know the difference between the students' achievement on Vocational Competence which used module and the students' achievement on Vocational Competence which did not use module.

The method of this research was *quasi-experiment*. The population was two classes with the total students were 56. The research design used in *quasi-experiment* was *non-equivalent control group design*. The students of XI TPB were as experimental group and XI TPA was as controlling group on Department of Welding Engineering in SMK N 1 Sedayu, Bantul. The eleventh grade of TPB was taught by using module as media learning and the eleventh grade of TPA was taught by using conventional method. The data gathering technique which employed in this research were *pre-test* and *post-test*. The validity test of instrument was *expert judgment*. The reliability test of instrument was analyzed by using Spearman Brown's formula. The data analysis which was used to analyze the result of the research was descriptive statistic and test statistic-t with level of signifikansi 5%. Descriptive statistic-t was used to test the hypothesis.

The results of this research were: (1) there was no difference between students' achievement of experimental class and students' achievement of control class after using module, (2) there was a difference students' achievement of experimental class and students' achievement of control class after using module, (3) there was a difference between students' achievement of experimental class and control class before treatment and the students' achievement of experimental class and control class after treatment.

Key word: Media Learning, Module, Achievement