

ABSTRACT

THE RELATIONSHIP INTERESTS, FACILITY, AND DISCIPLINE OF LEARNING WITH ACHIEVEMENT LEARNING ELECTRICAL MACHINERY REPAIRATION CLASS XI STUDENTS PROGRAM OF ELECTRICAL ENGINEERING SMK NEGERI 1 SEDAYU

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The purpose of this research is to determine, (1) the relationship between interest in learning and learning achievement electrical machine repairation class XI student of electrical engineering skills program SMK Negeri 1 Sedayu, (2) the relationship between learning facility and learning achievement electrical machine repairation class XI student of electrical engineering skills program SMK Negeri 1 Sedayu, (3) the relationship between the discipline of learning and learning achievement electrical machine repairation class XI student of electrical engineering skills program SMK Negeri 1 Sedayu, (4) the relationship interests, facility and study the discipline of learning achievement electrical machine repairation class XI student of electrical engineering skills program SMK Negeri 1 Sedayu.

The method used in this research is ex post facto nature of correlative which consists of several steps, namely, (1) preparation of the proposal, (2) preparation of the instrument, (3) data collection, and (4) analysis of the data and decision. The research sample is a class XI student of electrical engineering skills program SMK Negeri 1 Sedayu totaling 82 students from a population of 103 students. The sampling technique this research utilizes proportional a random sampling technique. Decision of data in this research used a questionnaire to the variable of interest, facility and the discipline of study as well as the second semester grades for learning achievement variables. Hypotheses to test-1,2,3 uses a simple correlation analysis, and test the four hypotheses using multiple regression analysis.

The results showed that, (1) there is a positive and significant relationships between interest in learning and learning achievement repairation of electrical machinery, where $r_{value} 0,229 > 0,213 r_{table}$ with $N=82$ at significance level of 5%, (2) there is a positive and significant between learning facility and learning achievement repairation of electrical machinery, where $r_{value} 0,267 > 0,213 r_{table}$ with $N=82$ at significance level of 5%, (3) there is a positive and significant relationship between the discipline of study and learning achievement repairation of electrical machinery, where $r_{value} 0,288 > r_{table} 0,213$ with $N=82$ at significance level of 5%, (4) there is a positive and significant relationship between interests, facility, study discipline with learning achievement repairation of electrical machinery, where $F_{value} 3,232 > F_{table} 2,72$ with $N=82$ at significance level of 5%.

Keywords: relationships, interests, facilities, discipline, learning achievement