

**RELATIONS OF VOCATIONAL ACHIEVEMENT STUDY AND SENSE
OF CONFIDENCE WITH MENTAL WORK READINESS CLASS XI
AUTOMOTIVE MECHANICAL ENGINEERING DEPARTMENT
IN SMK TAMANSISWA JETIS YOGYAKARTA**

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ABSTRACT

This study aims to determine the magnitude of the relationship and contribution of the variable performance of vocational subjects and the confidence with mental readiness working class XI student majoring in Mechanical Engineering at SMK Automotive Tamansiswa Jetis Yogyakarta academic year 2010/2011.

Subjects were students in grade XI SMK Tamansiswa Jetis Yogyakarta majoring in Mechanical Engineering Automotive academic year 2010/2011 with a population of 92 students consisting of 4 classes. The number of samples as many as 73 students are determined based on tables Isaac and Michael by taking the estimated error of 5% of the total population, whereas the sample collection techniques by proportional random sampling system. This study included type of ex post facto research. The collection of data by using questionnaires and documentation. Data analysis technique used is Descriptive Analysis Product Moment, Correlation Analysis, Analysis of Partial Correlation and Regression Analysis of Two Predictors with significance level of 5%.

The results showed that there is a positive and significant relationship between the achievement of vocational subjects and the confidence with mental readiness working class XI student majoring in Mechanical Engineering at SMK Automotive Tamansiswa Jetis Yogyakarta academic year 2010/2011. The correlation between variables vocational achievement subjects with mental readiness for work 0,285, confidence with the mental preparedness of students working for 0,307 and the correlation between the achievement of vocational subjects and confidence together with the mental preparedness of students working for 0,403. The results of regression analysis of predictors obtained two calculating $F_{6,780} > F_{tabel\ 3,43}$, with a coefficient of 0,162 determinant. The amount of effective contribution of each predictor of mental readiness of students' work is as follow : the variable performance of vocational subjects at 6,781%, the variable self-confidence of 9,447%, and together the two predictors of effective contribution in the amount of 16,228%. It is recommended that the school create a learning atmosphere that supports the achievement of learning achievement of maximum and always pay attention to the behaviors of students, especially in the psychological aspects of mental readiness to the level of students' work is increasing.