

ABSTRAK

Hasan Daud Ritonga NIM 509311015. Hubungan Kreativitas dan Alat Kerja Praktek Kayu terhadap Hasil Belajar Praktek Konstruksi Kayu Pada Siswa Kelas XI Program Keahlian Teknik Konstruksi Bangunan di SMK Negeri 2 Rantau Utara Tahun Pelajaran 2015/2016. Skripsi, Fakultas Teknik Universitas Negeri Medan.

Masalah yang dibahas dalam penelitian ini adalah (1) Apakah terdapat hubungan linier yang positif dan berarti antara kreativitas belajar terhadap hasil belajar praktek konstruksi kayu Di SMK Negeri 2 Rantau Utara, (2) Apakah terdapat hubungan linier yang positif dan berarti antara penguasaan penggunaan alat kerja praktek kayu terhadap hasil belajar praktek konstruksi kayu Di SMK Negeri 2 Rantau Utara, (3) Apakah ada interaksi antara kreativitas belajar dan penguasaan penggunaan alat kerja praktek kayu terhadap hasil belajar praktek konstruksi kayu Di SMK Negeri 2 Rantau Utara.

Data penelitian ini di jaring dengan angket, tes dan observasi. Berdasarkan uji coba instrument didapat hasil : (1) variabel kreativitas belajar (X_1) 24 soal valid, reliabilitas sangat tinggi sebesar 0,88 pada taraf signifikansi 5% .(2) variabel penguasaan penggunaan alat kerja praktek kayu (X_2) 26 soal yang valid, reliabilitas yang tinggi sebesar 0,55 pada taraf signifikansi 5%. Uji normalitas dengan chi-kuadrat masing-masing variabel penelitian didapat hasil sebagai berikut : (1) variabel kreativitas belajar (X_1) yaitu $X^2_{hit} = 4,005 < X^2_{tab} = 11,1$ berdistribusi normal pada taraf signifikansi 5%. (2) variabel penguasaan penggunaan alat kerja kayu (X_2) yaitu $X^2_{hit} = 5,062 < X^2_{tab} = 11,1$ berdistribusi normal pada taraf signifikansi 5%. (3) variabel hasil belajar praktek konstruksi kayu (Y) yaitu $X^2_{hit} = 5,145 < X^2_{tab} = 11,01$ berdistribusi normal pada taraf signifikansi 5%.

Berdasarkan hasil penelitian ini terdapat hubungan yang positif dan berarti antara kreativitas belajar (X_1) dengan hasil belajar praktek konstruksi kayu (Y). Terdapat hubungan yang positif dan berarti antara penguasaan penggunaan alat kerja praktek kayu (X_2) dengan hasil belajar praktek konstruksi kayu (Y). Dan terdapat hubungan yang positif dan berarti antara kreativitas belajar (X_1) dan penguasaan penggunaan alat kerja praktek kayu (X_2) dengan hasil belajar praktek konstruksi kayu (Y).

ABSTRACT

Hasan Daud Ritonga, NIM 509311015. The correlation between the Creativity and Tools of Wood Practice Working with The Outcome Students learning in wood Construction Practice at SMK Negeri 2 Rantau Utara Class XI Building Construction Engineering Program 2015/2016. A Thesis.Faculty of Engineering.State University of Medan.

This study is attempted to know the correlation between the creativity and tools of wood practice working with the outcome students learning in wood construction practice at SMK Negeri 2 Rantau Utara Class XI building construction engineering program 2015/2016 with 22 respondents.

The instruments for collecting the data of creativity (X_1) as independent variable were taken from questionnaire scores, the control to using tools of wood practice working (X_2) as the other independent variable were taken up from test scores and the student's activity observation. And the outcome students learning it wood construction practice (Y) as dependent variable were taken up from observation's when they do practice.

Based on the test instrument, the result was found as follows: (1) creativity (X_1) with 24 valid questions, in a very high reliability in amount of 0,88 at 5% test significance, (2) control to using tools of wood practice working (X_2) with 26 valid questions, in a very high reliability in amount of 0,55 at 5 % test significance. The test for normality with chi-square in each variable can be seen as follows : (1) creativity (X_1) is $X^2_{cal} = 4,005 < X^2_{tab} = 11,1$ with normal distribution at 5% test significance. (2) control to using tools of wood practice working (X_2) is $X^2_{cal} = 5,062 < X^2_{tab} = 11,1$ with normal distribution at 5% test significance. (3) student's achievement in budget estimate planning (Y) is $X^2_{cal} = 5,145 < X^2_{tab} = 11,1$ with normal distribution at 5% test significance.

Based on result of this research obtained there is relationship which are positive and means between creativity (X_1) with outcome students learning in wood construction practice (Y). There is relationship which are positive and means between control to using tools of wood practice working (X_2) with outcome students learning in wood construction practice (Y). There is relationship which are positive and means jointly between creativity (X_1) and control to using tools of wood practice working (X_2) with outcome students learning in wood construction practice (Y).