

ABSTRAK

Chita Sri Lestika. NIM 5103311006. Pengaruh Metode Latihan dan Kecerdasan Emosional terhadap Hasil Belajar Mata Diklat Ilmu Statika dan Tegangan Siswa Kelas X SMK Negeri Binaan Provinsi Sumatera Utara. Skripsi. Fakultas Teknik-Universitas Negeri Medan. 2015.

Penelitian ini bertujuan untuk mengetahui pengaruh metode latihan terhadap hasil belajar mata diklat Ilmu Statika dan Tegangan dengan melihat karakteristik kecerdasan emosional siswa dalam pembelajaran. Subjek penelitian ini adalah siswa kelas X Teknik Gambar Bangunan dengan jumlah 48 orang yang terdiri dari kelas X Teknik Gambar Bangunan 1 untuk perlakuan dengan metode latihan sebanyak 24 orang dan kelas X Teknik Gambar Bangunan 2 untuk perlakuan dengan metode konvensional sebanyak 24 orang.

Sebelum penelitian ini dilakukan instrument penelitian terlebih dahulu di uji cobakan, dilanjutkan dengan uji validitas dan uji reabilitas. Uji validitas butir tes digunakan rumus korelasi Product Moment Perarson. Uji reliabilitas tes digunakan rumus KR-20. Instrument tes hasil belajar mata diklat Ilmu Statika dan Tegangan yang valid diperoleh 24 butir dari 30 butir tes yang di uji cobakan, dan koefisien reliabilitasnya sebesar 0,81. Teknik pengumpulan data hasil belajar dengan menggunakan rancangan penelitian menggunakan desain Anava 2 x 2. Variabel penelitian memenuhi persyaratan normalitas diuji dengan uji Liliefors dan homogenitas diuji dengan uji F dan uji Barlett.

Dari hasil pengujian menunjukkan bahwa : (1) terdapat pengaruh yang positif antara metode latihan terhadap hasil belajar mata diklat Ilmu Statika dan Tegangan ditunjukkan $F_{hitung} = 8,975 > F_{tabel} = 4.06$ pada taraf signifikansi $\alpha = 5\%$. (2) terdapat pengaruh yang positif antara kecerdasan emosional terhadap hasil belajar mata diklat Ilmu Statika dan Tegangan ditunjukkan $F_{hitung} = 8,975 > F_{tabel} = 4.06$ (3) Terdapat interaksi antara metode latihan dan kecerdasan emosional terhadap hasil belajar mata diklat Ilmu Statika dan Tegangan, hal ini ditunjukkan diperolehnya $F_{hitung} = 17,731 > F_{tabel} = 4.06$ pada taraf signifikansi 5%.

Kata kunci : Metode Latihan, Kecerdasan Emosional, Ilmu Statika dan Tegangan

ABSTRACT

Chita Sri Lestika. Registration number: 5103311006. Influence Method of Practice and Emotional Intelligence about Result from Learning the subject of training and education program Science of Statics and Tension from the Students Class X *State Vocational High School 2* of guidance in North Sumatra. Skripsi. Faculty of Technique - State University of Medan.2015.

This research aim to know the influence Method of Practice and Emotional Intelligence about Result of Learning the subject of training and education program Science of Statics and Tension about characteristic student in studying. The Subject from this Research is student class X in program Technique Drawing of Building amounts 48 students who consisted of the class X program Technique Drawing of Building the first for treated with the method of practice as much 24 students and the second for treated with the conventional method as much 24 people.

Before this research conducted with the instrument research beforehand in the test of try out, continued with the validity test and the reliability test. The validity test of item used a formula of correlation of Product Moment Perarson. The reliability test used a formula KR-20. The Instrument test about result learning the subject of training and education program Science of statics and valid Tension obtained 24 item from 30 question which is in the test of try out, and coefficient reliability of equal to 0,81. Technique to collect file about result of learning by using research device use the design Anava 2 x 2. Research variable fulfill the conditions normally tested with the test of Liliefors and homogeneity tested with the test F and the test of Barlett.

From the test result shown that: (1) there is a positive effect of exercise on learning outcomes methods about Result of Learning the subject of training and education program Science of Statics shown by $F_{\text{count}} = 8,975 > F_{\text{list}} = 4.06$ at level significant 5% (2) there is a positive effect of emotional intelligence on learning outcomes about Result of Learning the subject of training and education program Science of Statics shown by $F_{\text{count}} = 8,975 > F_{\text{list}} = 4.06$ (3) There are interaction between exercise and emotional intelligence and study with the result learning subject of training and education program Science of Statics and Tension, this is shown obtaining of $F_{\text{count}} = 17,731 > F_{\text{list}} = 4.06$ at level significant 5%.

Keyword: Practice Method, Emotional Intelligence, Science of Statics and Tension.