

ABSTRAK

Syahrul Ramadhan Jaya. NIM: 5143122023: *Hubungan Motivasi Belajar Dan Hasil Belajar Pekerjaan Dasar Teknik Otomotif (PDTO) Dengan Keterampilan Menggunakan Alat Ukur Kelistrikan Pada Siswa Kelas XI Teknik Kendaraan Ringan SMK TI Swasta Budi Agung Medan Tahun Ajaran 2019/2020*. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2019

Tujuan penelitian ini untuk mengetahui besar: (1) hubungan antara motivasi belajar dengan keterampilan menggunakan alat ukur kelistrikan, (2) hubungan antara hasil belajar PDTO dengan keterampilan menggunakan alat ukur kelistrikan, (3) hubungan antara motivasi belajar dan hasil belajar PDTO secara bersama-sama dengan keterampilan menggunakan alat ukur kelistrikan. Penelitian ini menggunakan pendekatan *penelitian kuantitatif* dengan metode penelitian korelasional, memakai instrumen angket model Likert. Jumlah populasi 190 siswa, dengan menggunakan tabel yang dikembangkan oleh *Isaac dan Michael* pada taraf kesalahan 5% didapat sampel sebanyak 123 siswa. Hasil penelitian dianalisis menggunakan teknik korelasi Product Moment, korelasi Parsial dan korelasi Ganda dengan bantuan program *SPSS 24*. Dari hasil analisis pada $N = 123$ taraf signifikan 5 %, temuan penelitian menunjukan bahwa: (1) terdapat hubungan yang positif dan signifikan antara motivasi belajar dengan keterampilan menggunakan alat ukur kelistrikan dengan koefisien korelasi 0,485. (2) terdapat hubungan yang positif dan signifikan antara hasil belajar PDTO dengan keterampilan menggunakan alat ukur kelistrikan dengan koefisien korelasi 0,544. (3) terdapat hubungan yang positif dan signifikan antara motivasi belajar dan hasil belajar PDTO secara bersama-sama dengan keterampilan menggunakan alat ukur kelistrikan dengan koefisien korelasi ganda R sebesar 0,552. Kesimpulan dari penelitian ini yaitu terdapat hubungan yang positif dan signifikan antara motivasi belajar dan hasil belajar PDTO dengan keterampilan menggunakan alat ukur kelistrikan pada siswa kelas XI kompetensi keahlian teknik kendaraan ringan SMK TI Swasta Budi Agung Medan T.A 2019/2020.

Kata Kunci : motivasi belajar, hasil belajar PDTO, keterampilan menggunakan alat ukur kelistrikan.

ABSTRACT

Syahrul Ramadhan Jaya. NIM: 5143122023: *Relationship Motivation to Learn And Learning Outcomes of Subjects in Basic Engineering in Automotive Engineering With Skill Using Electrical Measuring Devices In Class XI Students Engineering Programs Light Vehicle Engineering SMK TI Private Budi Agung Medan T.A 2019/2020*. Thesis. Faculty of Engineering State University of Medan. 2019.

The purpose of this study is to find out the large: (1) the relationship motivation to learn and skill using electrical measuring devices. (2) the relationship between Learning outcomes of subjects in basic engineering in automotive engineering and skill using electrical measuring devices. (3) the relationship between motivation to learn and learning outcomes of subjects in basic engineering in automotive engineering together with skill using electrical measuring devices. This research uses *quantitative research* approach with correlational research method, using Likert model questionnaire instrument. Total population 190 students, by using table developed by *Isaac and Michael* at 5% error rate obtained sample of 123 students. The result of the research is using correlation technique of Product Moment, Partial correlation and Multiple correlation with *SPSS 24.0* program. From the analysis of $N = 123$ 5% significant level, the research findings indicate that: (1) there is a positive and significant between motivation to learn and skill using electrical measuring devices with 0,485 correlation coefficient. (2) there is a positive and significant correlation between learning outcomes of subjects in basic engineering in automotive engineering and skill using electrical measuring devices with correlation coefficient 0,544. (3) there is a positive and significant relationship between motivation to learn and learning outcomes of subjects in basic engineering in automotive engineering together with skill using electrical measuring devices with the price of double correlation coefficient R equal to 0,552. The conclusion of this research is there is a positive and significant relationship between parent support and learning outcomes of subjects in basic engineering in automotive engineering with skill using electrical measuring devices in the class XI students of light vehicle engineering program SMK TI Private Budi Agung Medan T.A 2019/2020.

Keywords: motivation to learn, learning outcomes of subjects in basic engineering in automotive engineering, skill using electrical measuring devices.