

ABSTRAK

Maria Gustriani. NIM 5123311017. Hubungan Penguasaan Fisika dan Disiplin Belajar Terhadap Hasil Belajar Mekanika Teknik Pada Siswa Kelas XI Program Keahlian Teknik Gambar Bangunan SMK Negeri 1 Lubuk Pakam Tahun Ajaran 2016/2017. Skripsi. Fakultas Teknik – Universitas Negeri Medan. 2017.

Penelitian ini bertujuan untuk mengetahui: 1) adanya Hubungan yang positif dan berarti antara Penguasaan Fisika Terhadap Hasil Belajar Mekanika Teknik. 2) Adanya Hubungan yang positif dan berarti antara Disiplin Belajar Terhadap Hasil Belajar Mekanika Teknik. 3) Adanya Hubungan yang positif dan berarti antara Penguasaan Fisika dan Disiplin Belajar Terhadap Hasil Belajar Mekanika Teknik.

Instrument penelitian terlebih dahulu diuji cobakan, dilanjutkan dengan uji validitas, dan reliabilitas. 1) Hasil uji coba tes Penguasaan Fisika diperoleh 32 butir soal dari 40 butir soal yang diuji cobakan dengan koefisien reliabilitas = 0,867 dan termasuk kategori sangat tinggi. 2) Hasil uji coba angket Disiplin Belajar 26 butir soal dari 31 butir soal yang diuji cobakan dengan koefisien reliabilitas = 0,902 dan termasuk kategori sangat tinggi. 3) Hasil uji coba tes Hasil Belajar Mekanik Teknik 19 butir soal dari 30 butir soal yang diuji cobakan dengan koefisien reliabilitas = 0,828 dan termasuk kategori sangat tinggi.

Berdasarkan pengujian hipotesis dapat disimpulkan: 1) Terdapat Hubungan yang positif dan berarti antara Penguasaan Fisika terhadap hasil belajar Mekanika Teknik dengan besar korelasi $r_{x_1y} = 0,539 > r_{tabel} = 0,334$ dan $t_{hitung} = 3,674 > t_{tabel} = 1,692$ dan korelasi parsial diperoleh $r_{xy_{12}} = 0,507 > r_{tabel} = 0,334$ dan $t_{hitung} = 3,331 > t_{tabel} = 1,692$. 2) Terdapat Hubungan yang positif dan berarti antara Disiplin Belajar terhadap Hasil Belajar Mekanika Teknik dengan besar korelasi $r_{x_2y} = 0,729 > r_{tabel} = 0,334$ dan $t_{hitung} = 6,110 > t_{tabel} = 1,692$ dan dari korelasi parsial diperoleh $r_{xy_{21}} = 0,714 > r_{tabel} = 0,334$ dan $t_{hitung} = 5,761 > t_{tabel} = 1,692$. 3) Terdapat hubungan yang positif dan berarti antara Penguasaan Fisika dan Disiplin Belajar terhadap Hasil Belajar Mekanika Teknik dengan besar korelasi ganda diperoleh $r_{hitung} > r_{tabel}$, $R_{xy} = 0,651 > 0,334$. Dengan demikian Penguasaan Fisika dan Disiplin Belajar Mempunyai Hubungan yang positif dan berarti terhadap Hasil Belajar Mekanika Teknik.

Kata Kunci : Penguasaan Fisika, Disiplin belajar, Hasil Belajar

ABSTRACT

Maria Gustriani. NIM 51 23,311,017. Relationship Mastery Learning Against Disciplinary Physics and Mechanics Engineering Learning Outcomes At Shiva Class XI Skills Program Architecture Engineering SMK Negeri 1 Lubukpakam Academic Year 2016/2017. Thesis. Faculty of Engineering - University of Medan. 2017.

This study aims to determine: 1) Positive and meaningful relationship between Mastery Against Physics Learning Outcomes of Engineering Mechanics. 2) The existence of a positive and significant relationship between the Discipline Study Of Learning Outcomes Engineering Mechanics. 3) The existence of a positive and significant relationship between Mastery Learning Discipline Against Physical and Learning Results of Engineering Mechanics.

Instrument research first tested, followed by validity, and reliability. 1) The test result Physics Mastery tests obtained 32 items of 40 items were tested with reliability coefficients = 0,867 and categorized as very high. 2) The trial results questionnaire Learning Discipline 26 items of 31 items were tested with a reliability coefficient = 0.902 and including the very high category. 3) The results of the trial tests Learning Outcomes Mechanical Engineering 19 items out of 30 items tested with a reliability coefficient = 0.828 and including the very high category.

Based on hypothesis testing can be concluded: 1) There is a relationship that is positive and means between Mastery Physics on learning outcomes Mechanics Engineering with a greater correlation $r_{x_1 y} = 0.539 > r_{table} = 0.334$ and $t_t = 3.674 > t_{table} = 1.692$ and partial correlation was obtained $r_{x y_{12}} = 0.507 > r_{table} = 0.334$ and $t_t = 3,331 > t_{table} = 1.692$. 2) There is H an association that is positive and means between the Discipline Study on Yield Learning Mechanics Engineering with a greater correlation $r_{x_2 y} = 0,729 > r_{table} = 0.334$ and $t_t = 6.110 > t_{table} = 1.692$ and of partial correlation obtained $r_{x y_{21}} = 0.714 > r_{table} = 0.334$ and $t_t = 5,761 > t_{table} = 1.692$. 3) There is a positive and significant relationship between Physics and Discipline Mastery Learning on Learning Outcomes Mechanics Engineering with a large double correlation obtained $r_{count} > r_{table}$, $r_{xy} = 0.651 > 0.334$. Thus Mastery Learning Physics and Discipline Having a positive and significant relationship to the learning outcomes of Engineering Mechanics

Keywords: Mastery of Physics, Discipline learning, Learning Outcomes