ABSTRAK

Josri Rahayu Br Saragih S: *Hubungan Antara Gaya Belajar Visual dan Potensi Kreatif terhadap Kemampuan Membaca Gambar Teknik pada Siswa Kelas XI Program Keahlian Teknik Pemesinan SMK Negeri 1 Percut Sei Tuan Tahun Pelajaran 2018/2019.* Skripsi. Fakultas Teknik Universitas Negeri Medan. 2018.

Penelitian ini bertujuan untuk mengetahui besarnya Hubungan Antara Gaya Belajar Visual dan Potensi Kreatif terhadap Kemampuan Membaca Gambar Teknik pada Siswa Kelas XI Program Keahlian Teknik Pemesinan di SMK Negeri 1 Percut Sei Tuan Tahun Pelajaran 2018/2019. Metode penelitian bersifat deskriptif korelasional. Populasi dalam penelitian adalah siswa kelas XI program keahlian Teknik Pemesinan SMK Negeri 1 Percut Sei Tuan berjumlah 60 orang. Dalam hal ini, sampel penelitian adalah 52 orang siswa kelas XI yang ditentukan secara acak. Data penelitian ini dikumpulkan dengan angket dan dokumentasi, dimana data penelitian yang dijaring dengan angket adalah variabel Gaya Belajar Visual dan Potensi Kreatif. Sedangkan untuk variabel Kemampuan Membaca Gambar Teknik dijaring dengan menggunakan dokumentasi nilai ujian. Jumlah instrumen angket Gaya Belajar Visual sebanyak 30 soal dan 25 soal yang valid dengan reliabilitas 0,975 tergolong sangat tinggi dan jumlah instrumen angket Potensi Kreatif sebanyak 30 soal dan 25 soal yang valid dengan reliabilitas 0,977 tergolong sangat tinggi. Hasil analisis data menunjukkan bahwa uji korelasi antara variabel X_1 dengan Y diperoleh bahwa r_{hitung} = 0,318 dan nilai r_{tabel} pada α = 5% adalah 0,268. Hal ini berarti r_{hiutng} (0,318) > r_{tabel} (0,268), maka hipotesis diterima. Dan untuk variabel X_2 dengan Y diperoleh r_{hitung} = 0,562 nilai r_{tabel} pada α = 5% adalah 0,268 . Hal ini berarti r_{hitung} (0,562) > r_{tabel} (0,268), maka hipotesis diterima. Sementara secara simultan variabel gaya belajar visual dan potensi kreatif memiliki hubungan signifikan terhadap kemampuan membaca gambar teknik. Hasil perhitungan : F_h = 14,44 harga F_t = 3,19 pada taraf signifikansi 5%, sehingga $F_h > F_t$ (14,44 > 3,19). Bahwa persamaan regresi $Y = 79,01 + 0,29 X_1 + 0,4 X_2$ dapat ditarik kesimpulan mengenai hubungan antara Gaya Belajar Visual dan Potensi Kreatif secara bersama-sama terhadap Kemampuan Membaca Gambar Teknik. Dengan demikian hipotesis terdapat hubungan positif antara Gaya Belajar Visual dan Potensi Kreatif terhadap Kemampuan Membaca Gambar Teknik pada Siswa Kelas XI SMK Negeri 1 Percut Sei Tuan dapat diterima sebesar r = 0,609, menggunakan rumus product moment pada taraf signifikansi 5%.

Kata Kunci : Gaya Belajar Visual, Potensi Kreatif, Kemampuan Membaca Gambar Teknik.

ABSTRACT

Josri Rahayu Br Saragih S: *The Relationship Between Visual Learning Style and Creative Potential on the Ability to Read Technical Drawing in Class Studens XI Machining Engineering Expertise Program at SMK Negeri 1 Percut Sei Tuan 2018/2019*. Academic Year. Essay. Faculty of Engineering, Medan State University. 2018.

This study aims to determine the magnitude of the relationship between visual learning style and creative potential on the ability to read technical drawings in Class Students XI of the Mechanical Engineering Expertise Program at SMK Negeri 1 Percut Sei Tuan Academic Year 2018/2019. The research method is descriptive correlational. The population in the study was the XI grade students of the Engineering Engineering program at SMK Negeri 1 Percut Sei Tuan, amounting to 60 people. In this case, the study sample was 52 students of class XI who were randomly determined. The data of this study were collected by questionnaire and documentation, where the research data that was captured by questionnaire was Visual Learning Style and Creative Potential. Where as for the variable Ability to Read Image Technique is captured using documentation of test scores. The number of Visual Learning Style questionnaire instruments was 30 questions and 25 valid questions with 0.975 reliability were very high and the number of Creative Potential questionnaire instruments was 30 questions and 25 valid questions with 0.977 reliability were very high. The results of data analysis showed that the correlation test between variables X1 and Y obtained that r_{count} = 0.318 and the r_{table} value at α = 5% was 0.268. This means that r_{count} (0,318) > r_{table} (0,268), then the hypothesis is accepted. And for the variable X2 with Y obtained r_{count} = 0.562 the r_{table} value at α = 5% is 0,268. This means that r_{count} (0,562) > r_{table} (0,268), then the hypothesis is accepted. While simultaneously visual learning style variables and creative potential have a significant relationship to the ability to read technical drawings. Calculation results: Fh = 14.44 price Ft = 3.19 at a significance level of 5%, so Fh> Ft (14.44 > 3.19). That the regression equation Y = 79.01 + 0.29 X1 + 0.4 X2 can be concluded about the relationship between Visual Learning Style and Creative Potential together on the Ability to Read Technical Drawing. Thus the hypothesis there is a positive relationship between Visual Learning Style and Creative Potential on the Technique of Reading Image Technique of Class Students XI of State Vocational High School 1 Percut Sei Tuan is acceptable at r = 0.609, using the product moment formula at a significance level of 5%.

Keywords: Visual Learning Style, Creative Potential, Ability to Read Technical Drawing.