

## ABSTRAK

Fakhrul Mirza: *Hubungan Antara Kemampuan Menggambar Dan Kreativitas Belajar Menggambar Dengan Hasil Belajar Teknik Gambar Manufaktur Pada Siswa Kelas Xi Bidang Keahlian Teknik Pemesinan Di Smk Negeri 1 Percut Sei Tuan Tahun Ajaran 2020/2021*. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2021.

Penelitian ini bertujuan untuk mengetahui Hubungan Antara Kemampuan Menggambar Dan Kreativitas Belajar Menggambar Dengan Hasil Belajar Teknik Gambar Manufaktur Pada Siswa Kelas Xi Bidang Keahlian Teknik Pemesinan Di Smk Negeri 1 Percut Sei Tuan Tahun Ajaran 2020/2021. Populasi dalam penelitian ini berjumlah 25 orang. Sampel dalam penelitian adalah siswa kelas XI TPM.

Metode penelitian yang dipakai adalah metode deskriptif korelasional, yang bertujuan untuk melihat hubungan antara Kemampuan menggambar dan Kreatifitas belajar dengan Hasil Belajar Teknik Gambar Manufaktur. Instrumen yang di gunakan untuk kemampuan menggambar adalah tes. Instrumen yang di gunakan untuk kreativitas menggambar adalah angket Sedangkan hasil belajar gambar teknik manufaktur di peroleh dari nilai pelajaran teknik gambar manufaktur.

Dari hasil perhitungan persamaan regresi ganda  $\hat{Y} = 19.642 + 0.316 X_1 + 0.412 X_2$  hasil korelasi ganda ditemukan harga koefisien korelasi ganda sebesar  $R = 0,729$  dengan determinasi  $R^2 = 0,5314$ , dengan keberartian persamaan  $F_{hitung}$  diperoleh 12,490 dan dikonsultasikan pada  $F_{tabel} = 3,44$  dengan derajat kebebasan 2 : 22 pada taraf signifikan 5%, maka  $F_{hitung} > F_{tabel}$ .  $H_0$  ditolak,  $H_a$  diterima. Dapat disimpulkan semakin tinggi kemampuan menggambar dan kreativitas belajar menggambar, maka semakin tinggi juga hasil belajar teknik gambar manufaktur siswa kelas XI program keahlian teknik permesinan SMK Negeri 1 Percut Sei Tuan tahun ajaran 2020/2021.

**Kata Kunci :** Menggambar, Kreativitas, Hasil belajar, Korelasi



## ABSTRACT

Fakhrul Mirza: *The Relationship Between Drawing Ability And Creativity In Learning To Draw With Learning Outcomes Of Manufacturing Drawing Techniques For Class Xi Students In The Field Of Machining Engineering Expertise At Smk Negeri 1 Percut Sei Tuan Academic Year 2020/2021*. Essay. Faculty of Engineering. Medan State University. 2021.

This study aims to determine the relationship between drawing ability and creativity in learning to draw with learning outcomes of manufacturing drawing techniques in class Xi students in the field of mechanical engineering expertise at Smk Negeri 1 Percut Sei Tuan for the 2020/2021 academic year. The population in this study amounted to 25 people. The sample in this study were students of class XI TPM.

The research method used is descriptive correlational method, which aims to see the relationship between drawing ability and learning creativity with learning outcomes of manufacturing drawing techniques. The instrument used for the ability to draw is a test. The instrument used for creative drawing is a questionnaire. While the results of learning manufacturing engineering drawings are obtained from the value of manufacturing drawing engineering lessons.

From the results of the calculation of the multiple regression equation =  $19.642 + 0.316 X_1 + 0.412 X_2$  the results of multiple correlations found the price of the multiple correlation coefficient of  $R = 0.729$  with a determination of  $R^2 = 0.5314$ , with the significance of the Fcount equation obtained 12.490 and consulted on  $F_{table} = 3.44$  with degrees of freedom 2: 22 at a significant level of 5%, then  $F_{count} > F_{table}$ .  $H_0$  is rejected,  $H_a$  is accepted. It can be concluded that the higher the drawing ability and creativity in learning to draw, the higher the learning outcomes of manufacturing drawing techniques for class XI students of the mechanical engineering expertise program at SMK Negeri 1 Percut Sei Tuan for the 2020/2021 academic year.

**Keywords :** Drawing, Creativity, Learning Outcomes, correlation

