ABSTRAK

Ridho Azahar NIM 5193111001: Perbedaan Kemampuan Teknik Gambar Yang Diajar Dengan Model Pembelajaran *Self Directed Learning* Dan Tutor Sebaya Di Era Merdeka Belajar Pada Mata Pelajaran Gambar Teknik Kelas X DPIB Di SMK Negeri 2 Medan. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2023.

Penelitian ini bertujuan untuk mengetahui adanya perbedaan kemampuan teknik gambar yang diajar dengan model pembelajaran *Self Directed Learning* dan model pembelajaran Tutor Sebaya di Era Merdeka Belajar pada mata pelajaran Gambar Teknik kelas X DPIB di SMK Negeri 2 Medan. Berdasarkan nilai ulangan akhir semester Gambar Teknik siswa kelas X DPIB SMK Negeri 2 Medan masih banyak siswa yang nilainya tidak mencapai KKM sehingga peneliti melakukan penelitian ini. Penelitian ini dilakukan pada semester Ganjil tahun ajaran 2023/2034. Metode Penelitian yang digunakan adalah quasi eksperimen yang membandingkan hasil belajar siswa yang diajar dengan model pembelajaran *Self Directed Learning* dengan model pembelajaran Tutor Sebaya. Teknik Pengumpulan data menggunakan tes hasil belajar dalam bentuk soal pilihan ganda sebanyak 30 soal yang sudah dinyatakan valid dan lembar kerja peserta didik. Hasil penelitian ini menunjukkan bahwa siswa yang diajar dengan model pembelajaran *Self Directed Learning* memperoleh hasil belajar yang lebih tinggi daripada siswa yang diajar menggunakan model pembelajaran Tutor Sebaya begitu juga dengan hasil nilai keterampilan. Hal ini dapat dilihat dari data hasil penelitian dengan nilai rata-rata sebesar 77,28 pada model pembelajaran *Self Directed Learning* dan nilai rata-rata 63,88 pada model pembelajaran Tutor Sebaya. Perbedaan kemampuan teknik gambar pada model pembelajaran *Self Directed Learning* dibuktikan dengan perhitungan menggunakan *independent sample t test* melalui program SPSS versi 23 menunjukkan nilai t *pada t-test for Equality of Means* sebesar 3,625 sedangkan nilai t tabel yaitu 1,670. Mengacu pada ketentuan pengambilan keputusan uji hipotesis maka H0 ditolak karena $t_{hitung} > t_{tabel}$. Maka dapat disimpulkan bahwa adanya perbedaan kemampuan teknik gambar yang diajar dengan model pembelajaran *Self Directed Learning* dan Tutor Sebaya di Era Merdeka Belajar.

Kata Kunci : *Self Directed Learning*, Tutor Sebaya, Kemampuan Teknik Gambar, Gambar Teknik.

ABSTRACT

Ridho Azahar NIM 5193111001: Differences in drawing technique skills taught with the self-directed learning model and peer tutors in the independent era learning in class X DPIB technical drawing subjects at SMK Negeri 2 Medan. Thesis. Faculty of Engineering, State University of Medan. 2023.

This study aims to determine the differences in the ability of drawing techniques taught with the Self Directed Learning learning model and the Peer Tutor learning model in the Independent Learning Era in class X DPIB Technical Drawing subjects at SMK Negeri 2 Medan. Based on the final test scores of the Technical Drawing semester of grade X students of DPIB SMK Negeri 2 Medan, there are still many students whose scores do not reach KKM so researchers conducted this study. This research was conducted in the odd semester of the 2023/2034 academic year. The research method used is a quasi-experiment that compares the learning outcomes of students taught with the Self Directed Learning learning model with the Peer Tutor learning model. Data collection techniques use learning outcome tests in the form of multiple-choice questions as many as 30 questions that have been declared valid and student worksheets. The results of this study showed that students taught with the Self Directed Learning learning model obtained higher learning outcomes than students taught using the Peer Tutor learning model as well as the results of student worksheet scores. This can be seen from the research data with an average value of 77.28 on the Self Directed Learning learning model and an average score of 63.88 on the Peer Tutor learning model. The difference in the ability of drawing techniques in the Self Directed Learning learning model is evidenced by calculations using an independent sample t test through the SPSS program version 23 showing a t value on the t-test for Equality of Means of 3.625 while the table t value is 1.670. Referring to the terms of hypothesis test decision making, H0 is rejected because t counts > t table. So it can be concluded that there are differences in the ability of drawing techniques taught with the Self Directed Learning learning model and Peer Tutors in the Independent Learning Era.

Keywords   : Self Directed Learning, Peer Tutor, Drawing Technique Ability, Technical Drawing.