

## ABSTRAK

**Hotma Taruli Aritonang:** *Penerapan Model Pembelajaran Problem Based Learning Untuk Peningkatan Hasil Belajar mata pelajaran pekerjaan Dasar Teknik mesin Pada Siswa Kelas X Teknik Pemesinan SMK Negeri 1 Percut Sei Tuan Tahun Ajaran 2019/2020.*  
Skripsi. **Fakultas Teknik. Universitas Negeri Medan. 2019.**

Penelitian ini bertujuan untuk meningkatkan hasil belajar siswa dengan menerapkan Model Pembelajaran *Problem Based Learning* mata pelajaran Pekerjaan Dasar Teknik Mesini Siswa Kelas X TPM SMK Negeri 1 Percut Sei Tuan Tahun Ajaran 2019/2020. Penelitian Tindakan Kelas (PTK) ini menggunakan model penelitian Kemmis dan Taggart. Alur penelitian terdiri dari (1) Perencanaan, (2) Tindakan, (3) Pengamatan, (4) Refleksi. Subjek penelitian ini adalah siswa kelas Kelas X TPM SMK Negeri 1 Percut Sei Tuan yang berjumlah 30 siswa. Data penelitian diperoleh menggunakan tes hasil belajar. Teknik yang digunakan untuk menganalisis data adalah teknik deskriptif kualitatif. Hasil penelitian ini menunjukkan adanya peningkatan persentase ketuntasan hasil belajar Gambar Teknik siswa kelas X TPM SMK Negeri 1 Percut Sei Tuan pada setiap siklus. Pada siklus I persentase ketuntasan belajar siswa sebesar 54%, dengan jumlah siswa yang berhasil mencapai KKM sekolah sebanyak 16 siswa dan nilai rata-rata kelas sebesar 67. Pada siklus II meningkat menjadi 83%, dengan jumlah siswa yang berhasil mencapai KKM sekolah sebanyak 25 siswa dan nilai rata-rata kelas mencapai 77. Berdasarkan hasil penelitian yang dilakukan dengan model pembelajaran *Problem Based Learning* telah mencapai tingkat ketuntasan sebesar 80 %. Maka model Pembelajaran *Problem Based Learning* dapat meningkatkan hasil belajar siswa

**Kata kunci** : Model pembelajaran *Problem Based Learning*, Hasil Belajar, Pekerjaan Dasar Teknik Mesin.



## ABSTRACT

**Hotma Taruli Aritonang** : *Application of Problem Based Learning Model for Improving Learning Outcomes of the Subjects in Mechanical Engineering in Class X Students of Mechanical Engineering of Vocational school of state 1 Percut Sei Tuan Academic Year 2019/2020.*

Thesis : **Faculty of Engineering, State University of Medan, 2019.**

This study aims to improve student learning outcomes by applying the Problem Based Learning Model Learning Subjects in the Basic Work of Mesini Engineering Students of Class X TPM Vocational school of state 1 Percut Sei Tuan Academic Year 2019/2020. This Classroom Action Research (CAR) uses the Kemmis and Taggart research models. The research flow consists of (1) Planning, (2) Action, (3) Observation, (4) Reflection. The subjects of this study were 30 students of Class X TPM Vocational school of state 1 Percut Sei Tuan. The research data were obtained using learning outcomes tests. The technique used to analyze data is a qualitative descriptive technique. The results of this study indicate an increase in the percentage of completeness of the learning outcomes of Engineering Drawing students of class X TPM Vocational school of state 1 Percut Sei Tuan in each cycle. In the first cycle the percentage of students' mastery learning was 54%, with the number of students who reached the KKM of the school as many as 16 students and the grade average value of 67. In the second cycle increased to 83%, with the number of students who achieved the KKM of the school by 25 students and the average value of the class reached 77. Based on the results of research conducted with the learning model Problem Based Learning has reached the level of completeness of 80%. So the Problem Based Learning model can improve student learning outcomes

**Keywords:** Problem Based Learning Learning Models, Learning Outcomes, basic mechanical engineering work

