

ABSTRAK

Christoffer Hasiholan Damanik: *Penerapan Model Pembelajaran Problem Based Learning Dalam Upaya Meningkatkan Hasil Belajar Pada Mata Pelajaran PDTM Siswa Kelas X Teknik Pemesinan SMK Negeri 5 Medan Tahun Ajaran 2019/2020.*

Skripsi. **Fakultas Teknik. Universitas Negeri Medan. 2020.**

Penelitian ini bertujuan untuk meningkatkan hasil belajar siswa dengan menerapkan Model Pembelajaran *Problem Based Learning* Dalam Upaya Meningkatkan Hasil Belajar Pada Mata Pelajaran PDTM Siswa Kelas X Teknik Pemesinan SMK Negeri 5 Medan 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 SMK Negeri 5 Medan yang berjumlah 30 siswa. Data penelitian diperoleh menggunakan tes hasil belajar. Teknik yang digunakan untuk menganalisis data adalah teknik deskriptif kuantitatif. Hasil penelitian ini menunjukkan adanya peningkatan persentase ketuntasan hasil belajar. Pada siklus I persentase ketuntasan belajar siswa sebesar 53%, dengan jumlah siswa yang berhasil mencapai KKM sekolah sebanyak 16 siswa dan nilai rata-rata kelas sebesar 68. Pada siklus II meningkat menjadi 86%, dengan jumlah siswa yang berhasil mencapai KKM sekolah sebanyak 26 siswa dan nilai rata-rata kelas mencapai 78. 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

Christoffer Hasiholan Damanik: *Application of Problem Based Learning Models in an Effort to Improve Learning Outcomes in PDTM Subjects in Class X Machining Techniques in SMK Negeri 5 Medan Academic Year 2019/2020.*

Thesis. **Faculty of Engineering. Medan State University. 2020**

This study aims to improve student learning outcomes by applying the Problem Based Learning Learning Model in an Effort to Improve Learning Outcomes in PDTM Subjects in Class X in Mechanical Engineering at SMK Negeri 5 Medan in Academic Year 2019/2020. The 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 SMK Negeri 5 Medan. The research data were obtained using learning outcomes tests. The technique used to analyze data is quantitative descriptive technique. The results of this study indicate an increase in the percentage of mastery learning outcomes. In the first cycle the percentage of students' mastery learning was 53%, with the number of students who reached the KKM of the school as many as 16 students and the average grade of 68. In the second cycle increased to 86%, with the number of students who achieved the KKM of the school by 26 students and the average value of the class reached 78. Based on the results of research conducted with the learning model Problem Based Learning has reached the level of completeness of 80%. Then the Problem Based Learning model can improve student learning outcomes.

Keywords : Problem Based Learning learning model, Learning Outcomes, Basic Work in Mechanical Engineering.

