

ABSTRAK

Rodo Y. Togatorop, NIM. 5201121004, Penerapan Model Pembelajaran Project Based Learning Untuk Meningkatkan Hasil Belajar Mata Pelajaran Teknik Pengelasan Kelas XI SMK N 1 Percut Sei Tuan. Skripsi, Jurusan Pendidikan Teknik Mesin, Fakultas Teknik, Universitas Negeri Medan.

Penelitian ini bertujuan untuk meningkatkan hasil belajarsiswa pada mata pelajaran teknik pengelasan kelas XI SMK N1 Percut Sei Tuan Tahun Pembelajaran 2024/2025. Pada penelitian ini menggunakan metode Penelitian Tindakan Kelas, dengan subjek penelitian adalah siswa kelas XI yang berjumlah 28 orang.

Berdasarkan hasil penelitian yang diperoleh adanya peningkatan hasil belajarsiswa dengan penerapan model pembelajaran *Project Based Learning*. Hal ini dapat dilihat dari peningkatan hasil belajarsiswa dengan rata-rata nilai pada siklus I sebesar 65,14 dengan persentase ketuntasan 57%, sehingga dilakukan siklus II dan mengalami peningkatan dengan rata-rata nilai 80,57 dan persentase kelulusan sebesar 86%.

Terdapat peningkatan yang cukup kuat dengan diterapkannya model pembelajaran *Project Based Learning* terhadap hasil belajarsiswa pada mata pelajaran teknik pengelasan kelas XI SMK N1 Percut Sei Tuan Tahun Pembelajaran 2024/2025, sehingga dapat dinyatakan bahwa penerapan model pembelajaran *Project Based Learning* dapat meningkatkan hasil belajarsiswa kelas XI SMK N1 Percut Sei Tuan Tahun Pembelajaran 2024/2025.

Kata Kunci : Model Pembelajaran, *Project Based Learning*, Hasil Belajar

ABSTRACT

Rodo Y. Togatorop, NIM. 5201121004, Implementation of Project Based Learning Model to Improve Learning Outcomes of Welding Engineering Subjects for the eleven grade of SMK N 1 Percut Sei Tuan. Thesis, Department of Mechanical Engineering Education, Faculty of Engineering, Medan State University.

This study aims to improve student learning achievement in the welding engineering subject for the eleven grade of SMK N1 Percut Sei Tuan in the 2024/2025 Academic Year. This study uses the Classroom Action Research method, with the research subjects being 28 the eleven grade students.

Based on the research results obtained, there was an increase in student learning achievement with the application of the Project Based Learning learning model. This can be seen from the increase in student learning achievement with an average value in cycle I of 65.14 with a percentage of completion of 57%, so that cycle II was carried out and experienced an increase with an average value of 80.57 and a passing percentage of 86%.

There is a fairly strong increase with the implementation of the Project Based Learning learning model on student learning achievement in the welding engineering subject of the eleven grade SMK N1 Percut Sei Tuan in the 2024/2025 Academic Year, so it can be stated that the implementation of the Project Based Learning learning model can improve the learning achievement of the eleven grade students of SMK N1 Percut Sei Tuan Tuan in the 2024/2025 Academic Year.

Keywords: Learning Model, Project Based Learning, Learning Outcomes