

ABSTRAK

Aminullah Abdul Jalil Harahap .NIM. 5122121001: *Penerapan Model Pembelajaran Project Based Learning (PBL) Untuk Meningkatkan Hasil Belajar Mata Pelajaran Teknik Pengelasan Pada Siswa Kelas XI SMK Swasta Musda Perbaungan Tahun Ajaran 2017/2018*. Skripsi, Fakultas Teknik Universitas Negeri Medan. 2018

Penelitian ini bertujuan untuk mengetahui peningkatan aktivitas dan hasil belajar teknik pengelasan siswa kelas XI SMK Swasta Musda Perbaungan dengan menerapkan Model Pembelajaran *Project Based Learning (PBL)*. Dalam pelaksanaan tindakan guru dibantu oleh seorang pengamat sebagai observer. Strategi ini mempunyai empat tahapan, yaitu tahap: (1) perencanaan, (2) pelaksanaan, (3) pengamatan, dan (4) refleksi yang dari dua siklus.

Hasil penelitiannya di mana nilai rata-rata aktivitas siswa mengalami peningkatan aktivitas dari siklus I ke siklus II dengan peningkatan sebesar 25,81%. Dari tes evaluasi hasil belajar siswa terjadi peningkatan di mana 20 siswa (64,52%) yang tuntas belajar pada siklus I menjadi 26 siswa (83,87%) pada siklus II di mana terjadi peningkatan sebesar 19,35%, berarti bahwa telah tercapai batas tuntas indikator yang ditetapkan secara klasikal yaitu 80% siswa memperoleh nilai ≥ 75 . Melalui penelitian ini terbukti bahwa strategi pembelajaran *Project Based Learning* telah meningkatkan keaktifan dan hasil belajar siswa. Dengan demikian, pembelajaran pada mata pelajaran Teknik Pengelasan dengan menggunakan Model Pembelajaran *Project Based Learning*. Pembelajaran dapat meningkatkan keaktifan dan hasil belajar siswa kelas XI SMK Swasta Musda Perbaungan Tahun Ajaran 2017/2018.

Kata Kunci: Model Pembelajaran *Project Based Learning*, Keaktifan belajar, hasil belajar, dan Alat Ukur Dasar.



ABSTRACT

Aminullah Abdul Jalil Harahap .NIM. 5122121001: Application of Learning Model Based Project (PBL) To Improve Learning Outcomes Subject Welding Technique In Students Class XI SMK Private Musda Perbaungan Tahun Teaching Year 2017/2018. Thesis, Faculty of Engineering, State University of Medan. 2018

This study aims to determine the increase in activity and learning outcomes of student welding technique class XI SMK Swasta Musda Perbaungan by applying the Learning Model Based Project (PBL). In the implementation of the action the teacher is assisted by an observer as an observer. This strategy has four stages: (1) planning, (2) implementation, (3) observation, and (4) reflection from two cycles.

The results of research where the average value of student activity has increased activity from cycle I to cycle II with an increase of 25.81%. From the evaluation test of student learning result, there was an increase of 20 students (64,52%) who finished study in cycle I to 26 students (83,87%) in cycle II where there was an increase of 19,35%, it means that has reached the limit of due diligence the indicator is determined by the classical that 80% of students earn value ≥ 75 . Through this research proved that the learning strategy of Project Based Learning has increased the activity and student learning outcomes. Thus, learning on Welding Engineering subjects by using the Learning Model Based Project Learning. Learning can improve the activity and learning outcomes of students of class XI SMK Private Musda Perbaungan Tahun Ajaran 2017/2018.

Keywords: Learning Model Based Project, Activity learning, learning outcomes, and Basic Measurement Tool.

