

ABSTRAK

Evelin Grace Sarah Simanjuntak, NIM 5212311002. Pengaruh Model Pembelajaran Project Based Learning Terhadap Hasil Belajar Siswa Pada Mata Pelajaran Pilihan Kelas XI Program Keahlian Teknik Konstruksi dan Perumahan SMK N 2 Medan. Skripsi. Fakultas Teknik. Universitas Negeri Medan. 2025.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran *Project Based Learning* (PjBL) terhadap hasil belajar siswa pada mata pelajaran pilihan Kelas XI Program Keahlian Teknik Konstruksi dan Perumahan di SMK Negeri 2 Medan Semester Genap Tahun Ajaran 2024/2025. Penelitian ini menggunakan pendekatan kuantitatif dengan desain penelitian yang terdiri dari tahap persiapan, tahap pelaksanaan dan tahap pengumpulan data. Subjek penelitian ini adalah 30 siswa kelas XI Teknik Konstruksi dan Perumahan (TKP). Data dikumpulkan melalui instrumen test (pre-test dan post-test).

Hasil penelitian menunjukkan bahwa penggunaan model pembelajaran *Project Based Learning* (PjBL) memberikan pengaruh peningkatan hasil belajar siswa. Rata-rata nilai sebelum dilakukan penggunaan model pembelajaran PjBL adalah 54 setelah penggunaan model pembelajaran PjBL adalah 88. Berdasarkan hasil penelitian ini, dapat disimpulkan bahwa penggunaan model pembelajaran *Project Based Learning* (PjBL) memberikan pengaruh peningkatan hasil belajar siswa. Diharapkan hasil penelitian ini dapat menjadi referensi bagi guru dalam meningkatkan kualitas pembelajaran di kelas.

Kata Kunci: Kuantitatif, Pengaruh Model Pembelajaran, Project Based Learning (PjBL), Teknik Konstruksi dan Perumahan, SMK Negeri 2 Medan.

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ABSTRACT

Evelin Grace Sarah Simanjuntak. NIM 5212311002. The Effect of Project Based Learning Model on Student Learning Outcomes in Elective Subjects of Grade XI Construction and Housing Engineering Expertise Program at SMK N 2 Medan. Thesis. Faculty of Engineering. State University of Medan. 2025.

This study aims to determine the effect of the Project Based Learning (PjBL) learning model on student learning outcomes in the elective subject of Class XI Construction and Housing Engineering Expertise Program at SMK Negeri 2 Medan in the Even Semester of the 2024/2025 Academic Year. This study uses a quantitative approach with a research design consisting of a preparation stage, an implementation stage, and a data collection stage. The subjects of this study were 30 class XI Construction and Housing Engineering (TKP) students. Data were collected through test instruments (pre-test and post-test).

The results of the study indicate that the use of the Project Based Learning (PjBL) learning model has an impact on improving student learning outcomes. The average score before using the PjBL learning model was 54, while after using the PjBL learning model it was 88. Based on the results of this study, it can be concluded that the use of the Project Based Learning (PjBL) learning model has an impact on improving student learning outcomes. It is hoped that the results of this study can be a reference for teachers in improving the quality of learning in the classroom.

Keywords: ***Quantitative, Influence of Learning Models, Project Based Learning (PjBL), Construction and Housing Engineering, State Vocational High School 2 Medan.***

