

ABSTRAK

Sutrisno Hadi: Pengembangan Media Pembelajaran Pemeliharaan Sistem Transmisi Otomatis Sepeda Motor Berbantuan Aplikasi *Canva* Di SMK N 2 Medan. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2025

Penelitian ini bertujuan untuk mengembangkan media pembelajaran pemeliharaan sistem transmisi otomatis sepeda motor berbantuan aplikasi *Canva* di SMK N 2 Medan; menguji kelayakan media pembelajaran pemeliharaan sistem transmisi otomatis sepeda motor berbantuan aplikasi *Canva*; serta mengukur efektivitas penggunaan media pembelajaran pemeliharaan sistem transmisi otomatis sepeda motor berbantuan aplikasi *Canva* terhadap hasil belajar siswa kelas XI TBSM 3 di SMK N 2 Medan. Penelitian dilaksanakan di SMK N 2 Medan, dengan sampel penelitian adalah siswa kelas XI TSBM 3. Jenis penelitian ini adalah *Research and Development* dengan model pengembangan ADDIE yang memiliki 5 tahapan, yaitu *Analysis* (menganalisis), *Design* (perencanaan), *Development* (pengembangan), *Implementation* (implementasi), dan *Evaluation* (evaluasi). Hasil penelitian yang diperoleh dalam menguji tingkat kelayakan media pembelajaran berdasarkan validasi ahli media didapat nilai rata-rata 3,96 dengan kategori “Sangat Layak”, ahli desain pembelajaran diperoleh nilai rata-rata 3,79 dengan kategori “Sangat Layak”, ahli materi diperoleh nilai rata-rata 3,88 dengan kategori “Sangat Layak”. Pada tahap uji coba secara *one to one* diperoleh nilai rata-rata 3,58 dengan kategori “Sangat Layak”, uji coba kelompok kecil diperoleh nilai rata-rata 3,57 dengan kategori “Sangat Layak” dan uji coba kelompok besar diperoleh nilai rata-rata 3,63 dengan kategori “Sangat Layak”. Total nilai rata-rata keseluruhan adalah 3,73 dengan kategori “Sangat Layak”. Hasil yang diperoleh dalam mengukur efektivitas media pembelajaran menunjukkan nilai *pre-test* sebesar 53,55 dan nilai *post-test* sebesar 88,39 dengan peningkatan hasil belajar sebesar 34,84, kemudian nilai N-Gain yang didapatkan sebesar 0,76 dengan kategori tinggi dan hasil persentase 76,25% dengan kategori efektif. Hal ini menunjukkan bahwa media pembelajaran pemeliharaan sistem transmisi otomatis sepeda motor berbantuan aplikasi *Canva* sangat layak untuk digunakan sebagai media pembelajaran serta efektif untuk meningkatkan hasil belajar siswa kelas XI TBSM 3 di SMK N 2 Medan.

Kata kunci: Pengembangan, Media Pembelajaran, Aplikasi *Canva*, Kelayakan, Hasil Belajar, Efektivitas.

ABSTRACT

Sutrisno Hadi: *The Development of Learning Media for Motorcycle Automatic Transmission System Maintenance Assisted by Canva Application at SMK N 2 Medan. Thesis. Faculty of Engineering, State University of Medan. 2025.*

This research aims to develop learning media for motorcycle automatic transmission system maintenance assisted by the Canva application at SMK N 2 Medan; test the feasibility of learning media for motorcycle automatic transmission system maintenance assisted by the Canva application; measure the effectiveness of using learning media for motorcycle automatic transmission system maintenance assisted by the Canva application on the learning outcomes of class XI TBSM 3 students at SMK N 2 Medan. This research was conducted at SMK N 2 Medan, with the research sample being class XI TSBM 3 students. This type of research is Research and Development with the ADDIE development model which has 5 stages, namely Analysis, Design, Development, Implementation, and Evaluation. The results of the study obtained in testing the level of feasibility of learning media based on validation from media experts obtained an average value of 3.96 with the category "Very Feasible", learning design experts obtained an average value of 3.79 with the category "Very Feasible", material experts obtained an average value of 3.88 with the category "Very Feasible". At the trial stage carried out one to one, an average value of 3.58 was obtained with the category "Very Feasible", small group trials obtained an average value of 3.57 with the category "Very Feasible" and large group trials obtained an average value of 3.63 with the category "Very Feasible". The total average value is 3.73 with the category "Very Feasible". The results of the study obtained in measuring the effectiveness of learning media showed a pre-test value of 53.55 and a post-test value of 88.39 with an increase in learning outcomes of 34.84, then the N-Gain value obtained was 0.76 with a high category and a percentage of 76.25% with an effective category. This shows that the learning media for maintaining automatic transmission systems for motorcycles assisted by the Canva application is very suitable for use as a learning medium and is effective in improving the learning outcomes of class XI TBSM 3 students at SMK N 2 Medan.

Keywords: Development, Learning Media, Canva Application, Feasibility, Learning Outcomes, Effectiveness.