

ABSTRAK

Kristya Ayu Nindhita. NIM 5163111022 : Pengembangan Media Pembelajaran E-Modul Gambar Teknik Pada Mata Pelajaran Gambar Teknik Kelas X Program Keahlian Desain Pemodelan Dan Informasi Bangunan Di SMK Negeri 1 Percut Sei Tuan. Skripsi. Fakultas Teknik – Universitas Negeri Medan. 2021.

Penelitian ini bertujuan untuk: (1) Menghasilkan modul pembelajaran gambar teknik sebagai bahan ajar mata pelajaran gambar teknik pada kelas X Program Keahlian Desain Pemodelan Dan Informasi Bangunan di SMK Negeri 1 Percut Sei Tuan sesuai dengan kriteria modul yang telah ditetapkan. (2) Mengetahui kelayakan modul pembelajaran gambar teknik sebagai bahan ajar mata pelajaran gambar teknik pada kelas X Program Keahlian Desain Pemodelan Dan Informasi Bangunan di SMK Negeri 1 Percut Sei Tuan berdasarkan ahli media dan ahli materi. Penelitian ini menggunakan metode penelitian pengembangan model ADDIE meliputi tahapan analisis (*Analyze*), perancangan (*Design*), pengembangan (*Development*), dan implementasi (*Implementation*). Instrumen pengambilan data berupa angket dimana hasil data tersebut untuk menguji kelayakan modul melalui validasi ahli media, ahli materi dan pengguna (siswa). Berdasarkan hasil penelitian diketahui bahwa modul Gambar Teknik sebagai media pembelajaran yang mengacu pada kurikulum 2013 revisi yang terdiri dari 6 bab materi pembelajaran. Hasil pengujian kelayakan oleh ahli media mendapat 89,18% dengan kategori sangat layak, hasil pengujian kelayakan oleh ahli materi mendapat 89,24% dan hasil pengujian kelayakan dari pengguna yang terdiri dari 15 siswa memperoleh 87,19% dengan kategori sangat layak. Hasil penelitian menunjukkan bahwa modul pembelajaran Gambar Teknik layak digunakan pada siswa kelas X Jurusan Desain Pemodelan Dan Informasi Bangunan di SMK Negeri 1 Percut Sei Tuan.

Kata Kunci : Pengembangan Media, Modul Pembelajaran, Gambar Teknik.

ABSTRACT

Kristya Ayu Nindhita. Student ID Number 5163111022 : *Development of Learning Media for E-Module Technical Drawing in Class X Engineering Drawing Subjects Program of Modeling Design and Building Information at SMK Negeri 1 Percut Sei Tuan. Skripsi. Faculty Of Engineering – State University Of Medan. 2021.*

This study aims to: (1) Produce a technical drawing learning module as teaching material for engineering drawing subjects in class X of the Building Modeling and Information Design Skills Program at SMK Negeri 1 Percut Sei Tuan in accordance with the predetermined criteria for the module. (2) Knowing the feasibility of the technical drawing learning module as teaching material for engineering drawing subjects in class X of the Building Information and Modeling Design Expertise Program at SMK Negeri 1 Percut Sei Tuan based on media experts and material experts. This research uses the ADDIE model development research method including the stages of analysis, design, development and implementation. The data collection instrument was in the form of a questionnaire where the results of the data were to test the feasibility of the module through the validation of media experts, material experts and users (students). Based on the research results, it is known that the Technical Drawing module as a learning medium refers to the revised 2013 curriculum consisting of 6 chapters of learning material. The results of the feasibility test by media experts got 89.18% in the very feasible category, the results of the feasibility test by the material experts got 89.24% and the results of the feasibility test from users consisting of 15 students got 87.19% with the very feasible category. The results showed that the Engineering Drawing learning module was feasible for use in class X students of the Building Information and Modeling Design Department at SMK Negeri 1 Percut Sei Tuan.

Keyword : Media Development, Learning Modules, Technical Drawings.

