ABSTRAK

LENNI SARI. NIM 5152111013 : ***Pengembangan Media Pembelajaran Modul Menggambar Teknik Pada Mata Pelajaran Dasar-Dasar Menggambar Teknik Di Kelas X Program Keahlian Desain Pemodelan Dan Informasi Bangunan SMK Negeri 1 Percut Sei Tuan*****. Skripsi. Fakultas Teknik−Universitas Negeri Medan. 2022.**

Pendidikan adalah usaha sadar dan terencana untuk mewujudkan suasana belajar dan proses pembelajaran agar peserta didik secara aktif mengembangkan potensi dirinya.Penelitian ini bertujuan untuk: 1) Mengembangkan media pembelajaran modul Menggambar Teknik pada mata pelajaran Dasar-Dasar Menggambar Teknik Di Kelas X Desain Pemodelan dan Informasi Bangunan SMK Negeri 1 Percut Sei Tuan. (2) mengetahui kelayakan media pembelajaran modul pada mata pelajaran Menggambar Teknik. Penelitian ini menggunakan metode pengembangan model ADDIE yang meliputi tahap Analisis (Analysis), tahap Perancangan (Design), tahap pengembangan (Development), tahap Implementasi (Implementation) dan tahap evaluasi (evaluation). Instrumen pengambilan data berupa angket dimana hasil data tersebut untuk menguji kelayakan modul melalui validasi ahli media, ahli materi (Dosen dan Guru Mata Pelajaran). Jenis data yang dikumpulkan adalah data kuantitatif yang diperoleh dari sebaran angket, dan data kualitatif berupa uraian saran dan masukan yang diberikan oleh ahli media, ahli materi (Dosen dan Guru Mata Pelajaran). Kesimpulan penelitian ini kelayakan modul pembelajaran Menggambar Teknik mata pelajaran Dasar-Dasar Menggambar Teknik mendapat nilai rata-rata oleh masing-masing validator yaitu: (1) data validasi ahli media mendapat nilai persentase 85,9% dan tergolong pada kategori “Layak”; data validasi ahli materi mendapat persentase 88,5% dan tergolong pada kategori “Layak”; (3) data validasi ahli materi guru mata pelajaran Menggambar Teknik mendapat persentase 93,3% dan tergolong pada kategori “Sangat Layak”. Berdasarkan data tersebut maka modul Menggambar Teknik mata Pelajaran Dasar-Dasar Menggambar Teknik kelas X DPIB SMK Negeri 1 Percut Sei Tuan dinyatakan layak digunakan. Media pembelajaran Modul ini diharapkan dapat menjadi pembantu guru pelajaran dalam menyajikan mata pelajarannya di kelas, juga dapat membantu siswa untuk belajar baik di dalam kelas maupun di luar jam pelajaran sekolah.

Kata Kunci : Pengembangan Media, Modul Pembelajaran, Menggambar Teknik

ABSTRACT

LENNI SARI. NIM 5152111013: ***Development of Learning Media Engineering Drawing Module on Basic Drawing Engineering Subjects in Class X Modeling and Building Information Design Expertise Program at SMK Negeri 1 Percut Sei Tuan*****. Thesis. Faculty of Engineering−Medan State University. 2022.**

Education is a conscious and planned effort to create a learning atmosphere and learning process so that students actively develop their potential. This study aims to: 1) Develop learning media for the Engineering Drawing module in the Basic Drawing Engineering subject in Class X Modeling Design and Information on the Building of SMK Negeri 1 Percut Sei Tuan. (2) determine the feasibility of the module learning media in the Engineering Drawing subject. This study uses the ADDIE model development method which includes the Analysis stage, the Design stage, the Development stage, the Implementation stage and the evaluation stage. The data collection instrument is in the form of a questionnaire where the results of the data are to test the feasibility of the module through the validation of media experts, material experts (Lecturers and Subject Teachers). The type of data collected is quantitative data obtained from the distribution of questionnaires, and qualitative data in the form of a description of suggestions and inputs given by media experts, material experts (lecturers and subject teachers). The conclusion of this study is that the feasibility of the Drawing Engineering learning module for the Basic Drawing Engineering subject received an average score by each validator, namely: (1) the validation data of media experts received a percentage score of 85.9% and was classified in the "Eligible" category; material expert validation data gets a percentage of 88.5% and belongs to the "Eligible" category; (3) data validation of users of Engineering Drawing subject teachers gets a percentage of 93.3% and belongs to the "Very Eligible" category. based on these data, the Drawing Engineering module for the subjects of the X-grade Engineering Drawing DPIB SMK Negeri 1 Percut Sei Tuan was declared suitable for use. Learning media This module is expected to be an assistant for lesson teachers in presenting their subjects in class, it can also help students to learn both in class and outside school hours.

Keywords : Media Development, Learning Module, Drawing Techniques