

ABSTRAK

Sri Wulan Syahfitri . *pengembangan media pembelajaran menggunakan courselab pada mata pelajaran konstruksi bangunan siswa kelas x DPIB di SMK Negeri binjai. Skripsi. Fakultas teknik Universitas Negeri Medan. 2022*

Penelitian ini bertujuan untuk: (1) Mengetahui kualitas kelayakan produk media pembelajaran berupa media pembelajaran untuk materi jenis – jenis konstruksi/bangunan gedung, jalan, jembatan, dan saluran irigasi berdasarkan penilaian validasi ahli materi dan ahli media ditinjau dari standar kualitas media pembelajaran, (2) Mengetahui pengembangan media pembelajaran courselab pada mata pelajaran konstruksi bangunan kelas X DPIB SMK Negeri 2 Binjai. (3) Mengetahui respon peserta didik dan guru setelah menggunakan media pembelajaran courselab pada mata pelajaran konstruksi bangunan kelas X DPIB SMK Negeri 2 Binjai. Model penelitian ini menggunakan model ADDIE (*Analysis, Design, Development, Implementation, Evaluation*) dan metode penelitian menggunakan metode *Research And Development (R&D)*. Uji kelayakan terhadap media pembelajaran menggunakan *Courselab* yang dikembangkan diberikan validasi oleh 2 Ahli materi yang dimana ahli materi 1 dengan rata-rata penilaian 4,5 dan ahli materi 2 dengan rata-rata penilaian 4,33. Penilaian ahli media memperoleh nilai dengan rata-rata penilaian 4,5. Pada tahap uji coba skala kecil yang dilakukan oleh 6 orang siswa kelas X DPIB SMK Negeri 2 Binjai melalui angket didapat rata-rata penilaian 4,57. Berdasarkan penilaian para ahli dan uji coba skala kecil maka diperoleh skor rata-rata 4,43 yang dikategorikan “Sangat Baik” maka media pembelajaran menggunakan *Courselab* dinyatakan layak digunakan pada mata pelajaran konstruksi bangunan kelas X.

Kata Kunci : Media Pembelajaran; Media *Courselab*; *Research and Development (R&D)*; ADDIE

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ABSTRACT

Sri Wulan Syahfitri. development of learning media using courselab in the subject of building construction for class x DPIB students at SMK Negeri binjai. Essay. Faculty of Engineering, State University of Medan. 2022

This study aims to: (1) determine the quality of the feasibility of learning media products in the form of learning media for the types of construction/buildings, roads, bridges, and irrigation canals based on the validation assessment of material experts and media experts in terms of the quality standards of learning media, (2) Knowing the development of courselab learning media on the subject of building construction for class X DPIB SMK Negeri 2 Binjai. (3) Knowing the responses of students and teachers after using the courselab learning media on the subject of building construction for class X DPIB SMK Negeri 2 Binjai. This research model uses the ADDIE model (Analysis, Design, Development, Implementation, Evaluation) and the research method uses the Research And Development (R&D) method. The feasibility test for learning media using the Courselab developed was validated by 2 material experts, where material expert 1 with an average assessment of 4.5 and material expert 2 with an average assessment of 4.33. The media expert's assessment got a score with an average rating of 4.5. In the small-scale trial stage conducted by 6 students of class X DPIB SMK Negeri 2 Binjai through a questionnaire obtained an average rating of 4.57. Based on the assessment of experts and small-scale trials, an average score of 4.43 was obtained which was categorized as "Very Good", then the learning media using Courselab was declared suitable for use in class X building construction subjects.

Keywords: Learning Media; Media Courselab; Research and Development

(R&D); ADDIE

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