ABSTRAK

Rulianson Pardamean Damanik 5182121008 : Pengembangan E-Modul Interaktif Berbasis Canva pada Mata Pelajaran Pengelasan GMAW di Kelas XI SMK Negeri 1 Percut Sei Tuan.

Proses pembelajaran GMAW di SMK Negeri 1 Percut Sei Tuan masih didominasi metode ceramah dan penggunaan buku cetak,hal ini menyebabkan siswa kesulitan dalam memahami komponen dan prinsip kerja peralatan GMAW,serta rendahnya partisipasi aktif siswa selama pembelajaran. Penelitian Pengembangan *E-Modul* Interaktif Berbasis *Canva* pada Mata Pelajaran Pengelasan GMAW di Kelas XI SMK Negeri 1 Percut Sei Tuan bertujuan untuk (1) mengembangkan *E-Modul* interaktif berbasis Canva untuk mata pelajaran Pengelasan GMAW kelas XI di SMK Negeri 1 Percut Sei Tuan, (2) Menilai kelayakan E-Modul interaktif berbasis Canva pada mata pelajaran Pengelasan GMAW di kelas XI di SMK Negeri 1 Percut Sei Tuan. Model pengembangan yang digunakan adalah model ADDIE yang memiliki beberapa tahapan, yaitu analisis, desain, pengembangan, implementasi, dan evaluasi. Subjek penelitian ini adalah siswa kelas XI Teknik Pengelasan SMK Negeri 1 Percut Sei Tuan yang berjumlah 28 responden. Alat yang digunakan dalam proses pengumpulan data adalah angket responden, lembar validasi ahli desain pembelajaran, lembar validasi ahli media, dan lembar validasi ahli materi. Nilai rata-rata penilaian validasi ahli materi sebesar 4,46 dengan kategori “sangat layak”, nilai rata-rata penilaian validasi ahli media sebesar 4,49 dengan kategori “sangat layak”, nilai rata-rata penilaian validasi ahli desain sebesar 4,18 dengan kategori “sangat layak”, dan nilai rata-rata penilaian uji responden sebesar 4,68 dengan kategori “sangat layak”. Dengan demikian, dapat disimpulkan bahwa pengembangan *E-Modul* berbasis Canva ini layak digunakan sebagai media pembelajaran.

Kata Kunci: Pengembangan Media, Model ADDIE, *E-Modul*, GMAW, Canva.

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ABSTRACT

Rulianson Pardamean Damanik 5182121008: Development of a Canva-Based Interactive E-Module for GMAW Welding in Grade XI of SMK Negeri 1 Percut Sei Tuan.

The GMAW learning process at SMK Negeri 1 Percut Sei Tuan is still dominated by lecture methods and the use of printed textbooks. This causes students to have difficulty understanding the components and working principles of GMAW equipment, as well as low student active participation during learning. The research on the Development of a Canva-Based Interactive E-Module for GMAW Welding in Grade XI of SMK Negeri 1 Percut Sei Tuan aims to (1) develop a Canva-based interactive E-Module for the GMAW Welding subject for grade XI at SMK Negeri 1 Percut Sei Tuan, (2) Assess the feasibility of a Canva-based interactive E-Module for the GMAW Welding subject in grade XI at SMK Negeri 1 Percut Sei Tuan. The development model used is the ADDIE model which has several stages, namely analysis, design, development, implementation, and evaluation. The subjects of this study were 28 students of the 11th grade Welding Engineering program at SMK Negeri 1 Percut Sei Tuan. The data collection tools used were a respondent questionnaire, a design expert validation sheet, a media expert validation sheet, and a material expert validation sheet. The average value of the material expert validation assessment was 4.46, categorized as "very appropriate," the average value of the media expert validation assessment was 4.49, categorized as "very appropriate," the average value of the design expert validation assessment was 4.18, categorized as "very appropriate," and the average value of the respondent test assessment was 4.68, categorized as "very appropriate." Therefore, it can be concluded that the development of this Canva-based E-Module is suitable for use as a learning medium.

Keywords: Media Development, ADDIE Model, E-Module, GMAW, Canva..