

ABSTRAK

Khairunnisa Utami: *Pengembangan Bahan Ajar e-Modul Desain Dan Produksi Busana Pada Materi Pembuatan Kemeja Siswa Kelas XI SMK Swasta Citra Harapan Percut Sei Tuan*. Skripsi. Fakultas Teknik Universitas Negeri Medan. 2025.

Permasalahan yang ditemukan di kelas XI Tata Busana pada elemen menjahit produk busana materi pembuatan kemeja diketahui pemahaman siswa terhadap materi pembuatan kemeja belum maksimal, siswa kurang memahami teknik menjahit kemeja khususnya pada bagian kerah, dan belum tersedianya bahan ajar berbasis elektronik yang dapat digunakan untuk mendukung proses pembelajaran. Penelitian dan pengembangan ini bertujuan: (1) untuk mengembangkan bahan ajar e-modul desain dan produksi busana materi pembuatan kemeja, (2) untuk mengetahui kelayakan bahan ajar e-modul desain dan produksi busana materi pembuatan kemeja pada siswa kelas XI Tata Busana di SMK Swasta Citra Harapan Percut Sei Tuan.

Metode penelitian yang digunakan yaitu *Research and Development* dengan model pengembangan 4D (*Define, Design, Development, dan Disseminate*). Instrumen yang digunakan berupa angket kebutuhan siswa dan guru, angket validasi ahli materi dan ahli media, dan angket uji coba produk. Subjek penelitian yaitu 2 ahli materi dan 2 ahli media yang sudah ahli dibidangnya serta 30 siswa di kelas XI Tata Busana SMK Swasta Citra Harapan.

Hasil penelitian pengembangan bahan ajar e-modul pembuatan kemeja pada elemen menjahit produk busana menunjukkan bahwa materi dan media pembelajaran dinyatakan layak dengan masing-masing persentase skor untuk materi 91,6% dan media 86,7% dengan kategori “Sangat Valid”. Hasil uji coba produk perseorangan pada 5 siswa diperoleh persentase skor 76% dengan kategori “Layak”, uji coba kelompok sedang pada 7 siswa diperoleh persentase skor 82,7% dengan kategori “Sangat Layak”, dan uji coba kelompok besar pada 30 siswa diperoleh persentase skor 85,3% dengan kategori “Sangat Layak”. Berdasarkan hasil persentase yang diperoleh pada uji coba maka bahan ajar e-modul sudah pada kategori “Sangat Layak” sehingga dapat digunakan oleh siswa pada Mata Pelajaran Desain dan Produksi Busana elemen menjahit produk busana di kelas XI Tata Busana SMK Swasta Citra Harapan Percut Sei Tuan.

Kata Kunci: Pengembangan, e-Modul, Pembuatan Kemeja.

ABSTRACT

Khairunnisa Utami: *Development of e-Module Teaching Materials for Fashion Design and Production on Shirt Making Material for Class XI Students of SMK Swasta Citra Harapan Percut Sei Tuan*. Thesis. Faculty of Engineering, State University of Medan. 2025.

The problems found in class XI Fashion Design in the element of sewing fashion products on shirt making material are known that students do not understand the material for making shirts, students do not understand shirt sewing techniques, especially in the collar section, and the unavailability of electronic-based teaching materials that can be used to support the learning process. This research and development aims: (1) to develop teaching materials for e-modules of fashion design and production of shirt-making materials, (2) to determine the feasibility of teaching materials for e-modules of fashion design and production of shirt-making materials for students in class XI of Fashion Design at SMK Swasta Citra Harapan Percut Sei Tuan.

The research method used is Research and Development with the 4D development model (Define, Design, Development, and Disseminate). The instruments used are student and teacher needs questionnaires, material expert and media expert validation questionnaires, and product trial questionnaires. The research subjects were 2 material experts and 2 media experts who were experts in their fields as well as 30 students in class XI of Fashion Management at SMK Swasta Citra Harapan.

The results of the research on the development of e-module teaching materials for making shirts on the sewing element of fashion products show that the feasibility of learning materials and media is declared feasible with each percentage score for material 91.6% and media 86.7% with the category "Very Feasible". The results of individual product trials on 5 students obtained a percentage score of 76% with the category "Feasible", medium group trials on 7 students obtained a percentage score of 82.7% with the category "Very Feasible", and large group trials on 30 students obtained a percentage score of 85.3% with the category "Very Feasible". Based on the percentage results obtained in the trial, the e-module teaching materials are in the "Very Feasible" category so that they can be used by students in the Fashion Design and Production Subject of sewing elements of fashion products in class XI of Fashion Design at SMK Swasta Citra Harapan Percut Sei Tuan.

Keywords: Development, e-Module, Shirt Making.