The effectiveness of blended learning strategy to develop students' skills in making seams and retention among female students of clothing and textiles department at the faculty of home economics at Al-Azhar university.

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Abstract

The university teaching suffers from educational problems, especially the overcrowding of classrooms with students, the not consideration of individual differences among students and the difficulty of implementing modern teaching strategies in light of this overcrowding, this led to the low academic achievement, and therefore have negative attitudes towards it.

This has led to the search for teaching strategies that help students to learn outside the traditional lecture halls and to achieve the educational objectives of the educational courses, including the course of (Clothing Production Technology). Where the two researchers found it is difficult to teach large numbers of students in the lecture halls by traditional methods, therefore, the two researchers resorted to using the blended learning strategy based on an educational computer program, where the traditional method is used with the educational program to develop the cognitive achievement and the skill performance of the students in the learning unit (drawing & making seams).

This study was applied to students of the third year at the the Department of Clothing and Textiles, Faculty of Home Economics, Al-Azhar University, 24 students, were divided into two groups, 12 students for experimental group and 12 students for control group.

Therefore, results indicated that the experimental group (studied by the blended learning strategy) and the retention of students were superior to the control group (which was traditionally studied) in the cognitive achievement and skill performance of (drawing & making seams), using SPSS V24.

Keywords :blended learning strategy - seams - retention