

The Effectiveness of Using the Multimedia in Operating Blind Stitch Machine for Clothing and Textile Major in College of Home Economics in King Abdulaziz University

Abstract

This research aims at using the multimedia computer in preparing a proposal instructional programs about the Blind stitch Machine and getting acquainted with its effectiveness and comparing it with learning approach by usual traditional method in teaching on the research sample pursuant to the variable of the educational stage (Bachelor and Master degrees). In additional to getting acquainted with the attitudes of the sample of student" towards the use of multimedia computer in teaching .

That consisted of (56) female student's, represented in the student's of the bachelor of science , their number is (32) , and the master stage of number (24) student's, specialized in Clothing and textile in Home Economics in king Abdulaziz University , Jeddah . By using the evaluation tools prepared by the researchers, consisted of the knowledge collective test and skill performance and observation card for evaluating the skill performance and directions measure before and after the implementation of the educational program by using multimedia computer, and statistically analyzing the results by (T. Tests) , and using (Percentiles) . The research arriving at a number of results , of which most important ones : the effectiveness of the proposed multimedia educational program in operating the Blind stitch Machine , with the existing of statistically significant differences between the average scene the experimental group student's that have studied the proposed multimedia educational programs and the control group , that have studied in the traditional method the sample as a whole the favor of the experimental group in each of : knowledge collective Test, skill performance, and trends towards learning way, learning time. Results have led also to the student trend positive ness towards the use of the multimedia computer.

The researcher had recommended paying sufficient attention to proposed instructional programs, particularly multimedia programs, that have proven its effectiveness in educational , and making its teaching accessible to Home Economy female student's.