

## **The Effectiveness of a Training Program for the development of knowledge, skills and attitudes of Graduates in Fashion Design using Computer**

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### **Introduction:**

The present era testifies to its progress and knowledge in large quantities in the world, and what about you? Educational changes and developments in the field of science and applications. Training occupies a central position in modern institutions and organizations, and forms the backbone of the efforts of these institutions towards development and modernization. Attention to manpower is the only way to promote societies. (Tariq Suwaidan: 2009: 161)

In addition, the development of human resources is a series of procedures and foundations aimed at organizing individuals to get the maximum possible benefits of human competencies and extract the best potential, and is an entry point to achieve the process of comprehensive development, if the state cannot develop its human resources cannot develop anything else , The introduction of computers into the clothing industry has led to many developments in the time and effort that were being exerted to meet the needs and desires of the consumer towards the introduction of new designs every season. Being an age of cognitive explosion and technological advancement at all levels, the art of designing children's fashion is one of the arts that qualifies graduates to work as fashion designers in garment factories. For students and individual differences between them and the actual needs of labor market requirements.

Based on previous researches and studies that focused on training programs and designing women's fashion through computer, the results of which have not been done so far in teaching, and the demand of graduates of the Department of Fashion Design in the need to teach them the skills of computer programs because of their importance in providing solutions, forms and design formulations Fast and high accuracy, and through the recommendations of research and previous studies that dealt with the importance of training programs and computer programs, and in line with the current policies for scientific and technical development, this research came to address (the effectiveness of the training program to develop the knowledge, skills and trends of others Gat in children's fashion design CNC)

### **Based on the above**

1. What is the proposed concept of training program in designing children's fashion using computers?
- 2 - What is the effectiveness of the training program in the design of children's fashion using computers in the following: -
  - A) Providing graduates with the knowledge contained therein.
  - B) Mastering graduates with the skills involved.

3 - What is the trend of graduates towards the study of the training program in the design of children's fashion using computers

### **Research Summary: The aim of the research to**

- This current research aims to building a training program in the design of children's fashion using computer graduates of the Department of Fashion Design
- Measuring the effectiveness of the training program on performance (cognitive and skills) for students in the design of children's fashion using computer.
- Surveying the views of graduates towards the study of the training program in the design of children's fashion using computers.

### **Research Methodology:**

#### **Current research follows the following two approaches:**

- Semi-experimental method: using the design of the experimental group unit in order to identify the impact of the independent variable "training program, on the dependent variable" cognitive achievement, skill performance, the views of graduates "
- Descriptive analytical method: used to analyze the theoretical framework used during the application of the training program, measuring the views of graduates through the questionnaire

Research sample: - This research required the presence of two samples, namely:

- 1 - Exploratory sample: the number (10) of graduates of the Department of Fashion Design, and the objective to ensure the securitization of metric transactions for research tools, calculate the average time of performance of graduates for research tools, adjust the training program and calculate its effectiveness to be ready to apply to the basic sample of research.
- 2- The basic sample of the research: 15 graduates, the aim of which is to verify the effectiveness of the training program in terms of cognitive performance, skill performance, "measuring the views of graduates towards learning in a creative solution to problems

#### **search tools: -**

- The proposed unit.
- Assessment tools (cognitive achievement test, skill test, estimation scale, graduate questionnaire)

#### **The results resulted in the following:**

1. There are statistically significant differences at the level of (01)) between the average scores of graduates in the cognitive achievement test before and after the application of the training program in favor of post-application.
2. There are statistically significant differences at (, 01) level between the average grades of graduates in the skill test (pre-post) while learning the training program in favor of the post-test.
3. There are statistically significant differences at the level (, 01) between the average scores of graduates in the skill test before and after the application of the training program in favor of post-application.
4. Positive opinions of graduates towards the study of the training program in the design of children's fashion using computers.

**Recommendations:****In light of the results reached, the researcher recommends the following:**

- 1- Integrating self-learning through training programs in clothing and textile educational programs for all stages of university education as a basic and important pillar that helps students and graduates to make them the center of the educational process.
- 2 - The need to include computer programs within the teaching of fashion design courses for all stages of university education to keep pace with the developments of the labor market.
- 3 - Preparing training courses for those who teach fashion design courses to train them on the method of self-learning in teaching, and the drawing program Adobe to Strator to improve the educational process.
- 4 - Dissemination of teaching and teaching of the training program in this research to graduates of specialized colleges and the corresponding.

**key words:**

Training program - graduates - fashion design - computer

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