### Designing a Multimedia Educational Unit for teaching Women’s Blouse Pattern Drawing Using (Gerber Program)

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#### Abstract:

This study aimed at preparing an educational unit using multimedia to develop the skills of drawing various models of women's blouse using (Gerber program) as well as providing an interactive environment rich in applications based on computer technology and its multimedia which enables learners to achieve the objectives of the educational process. With the aim to achieve those goals, the research utilized the descriptive approach in describing the topics and studies related to the topic of preparing the research and preparing the proposed educational unit as well as the theoretical framework. The research relied on the semi-experimental approach for its relevance to achieving the objectives and hypotheses of the research, through designing the educational unit to learn the skills of drawing women’s blouse model using (Gerber program). The sample of the research consisted of a group of (11) arbitrators specialists in ready-to-wear clothes and clothing manufacturing, and a pilot sample of (11) graduates of the Department of Clothing and Textile. The **tools of the research** are as follows: the educational unit based on using multimedia to teach drawing various models of women's blouse using Gerber program, the form of the initial scenario arbitration of the educational unit, the questionnaire of the educational unit validity and reliability arbitration, the form of the cognitive test arbitration (pre / post) of the educational unit, the form of the skill test arbitration (pre/ post) of the educational unit, and the form of the skill performance assessment scale arbitration of the educational unit.

#### The research concluded the following results:

- The initial scenario of the educational unit, according to the frequencies, percentages, and the relative weight, achieved the degree of the arbitrators’ acceptance, in favor of “available” and thus the first hypothesis can be accepted.

- The educational unit, according to the frequencies, percentages and relative weight, achieved the degree of the arbitrators’ acceptance, in favor of “available” and thus the second hypothesis can be accepted.

- The study revealed that the vocabulary of the cognitive and skill test is able to measure the targeted learning outcomes of the educational unit according to the frequencies, percentages, and the relative weight of the opinions of the arbitrators, in favor of “available” and thus the third and fourth hypotheses can be accepted.

- The scale of the skill performance assessment of the educational unit, according to the frequency, percentages and relative weight, achieved a degree of the arbitrators’ acceptance, in favor of “available”, thus, the fifth hypothesis can be accepted.

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**Keywords:**
- Educational unit, multimedia, drawing models, Gerber program.