

DEVELOPING A SYSTEM BASED ON PARTICIPATORY TRAINING OVER THE WEB AND MEASURING ITS EFFECTIVENESS ON SKILLS DEVELOPMENT OF USING EDUCATIONAL GRAPHICS SKILLS FOR TEACHERS' DEAF STUDENTS

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ABSTRACT: *This research aimed to develop a system based on participatory training over the Web and measuring its effectiveness on skills development of using Educational graphics for teachers' deaf students. To identify the independent variable (a system based on participatory training over the Web) on the dependent variable (cognitive and performative skills of using educational graphics).*

The research Applied some research tools such as (achievement test and observation card) on a random sample of teachers of deaf students in Riyadh (40 teachers). They were distributed equally into two groups (control and experimental). This study revealed that there were statistically significant differences at the level of ($\alpha = 0.05$) between the average scores of control group and the average scores of the experimental group on post achievement test in the favor of control group. There was also a statistically significant difference at the level of ($\alpha = 0.05$) between the average scores of control group and the average scores of the experimental group on post measurement of the assessment card for trainee's competency in per formative skills in the favor of experimental group.

KEYWORDS: *Electronic training, Educational technology, Educational graphics.*