

## **using augmented reality in the production of interactive educational Aids for applied arts courses (With the application on the Electronic color separation system course)**

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### **Abstract:**

The Applied arts courses lack the Teaching Aids that help the lecturer to communicate the information to the student in full form and acquire the required skills. Here, the Teaching Aids mean the Aids that were specially designed for The Applied arts courses taught in colleges and institutes of applied arts, which requires the professor of the course to make a double effort during the lecture to communicate the information to the student and use Traditional educational methods such as presentations and video clips, which do not include any interaction or participation between the student and the Aids and do not take into account the individual differences between students and the different ways of their absorption of the information and thus acquired They have the requisite skill, and as the Chinese sage Confucius said, "Tell me and I will forget, show me and I may remember, share me and I will understand." The augmented reality technology is considered one of the most important techniques that depend on interaction and dazzling at the same time, which contributed in the field of education a great contribution in recent years as it is characterized by its applicability in various fields so it is ideal in designing and producing educational Aids specially designed design that depends on participation and education with entertainment in the same Time which reflects positively on the student.

### **Research Problem:**

Lack of Applied Arts courses for educational Aids that depend on active participation, which are specially designed for Applied Arts courses, and which help the lecturer to communicate the information to the student in full form and acquire the required skills.

In pursuit of the research aim taking the following point:

The use of augmented reality technology in the production of an interactive Teaching Aid for Applied Arts Courses with application to on the Electronic color separation system course

The important results of this research lied in :

Producing an interactive Teaching Aid for on the Electronic color separation system course

### **Research methodology:**

The curriculum is the experimental method where the researcher to conduct experiments and draw conclusions to achieve the goal of research.

### **Keywords:**

Augmented reality - teaching aids – Applied Arts courses - Electronic color separation system course.