

## **Effectiveness of the integrated learning environment based on two types of navigation and guidance in developing interactive web design skills among university students**

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**Abstract** This study identifies the effectiveness of using integrated learning based on two types of navigation and guidance on developing the skills of interactive web design among university students. The researcher followed the Semi-experimental research method to answer the questions and to test hypotheses. The sample of the research consisted of two equivalent groups, each one of them includes 22 students who were chosen intentionally. The researcher used a note card to measure the skills of web designing, as well as a product evaluation card. The study showed the effectiveness of integrated learning based on navigation and guidance (Branching/Linear) on developing these skills. It also revealed the existence of a statistically significant difference between integrated learning based on navigation and guidance (Branching/Linear) in developing the skill of interactive web design and a product evaluation card in favor of the group adopted integrated learning based on navigation and guidance (Branching). The researcher recommends employing more types of navigation and guidance in designing integrated learning environment.

**Key words:** Integrated Learning Environment, Two Types of Navigation and Guidance (Branching/Linear), Interactive Web Designing, Electronic Learning.