

The impact of the interaction between the pattern of management of interactive electronic activities (oriented/free) and the pattern of their submission (introductory/concluding) on increasing the efficiency of cognitive representation of information and improving the mental vigilance of female students in the home economy"

The aim of the current research is to reveal the effect of the interaction between the style of managing interactive electronic activities (directed/free) and the style of their presentation (introductory/concluding) on increasing the efficiency of cognitive representation of information and improving mindfulness among home economics students, and to achieve this goal the researchers used the descriptive approach and the experimental approach. The research tools were represented in the measure of the efficiency of cognitive representation of information and the measure of mindfulness prepared by the researchers, and it was applied to a sample of (56) female students of the second year, the Department of Home Economics, Fayoum University, and they were divided into four experimental groups, and the results revealed that there are differences between the averages. The students' scores in the scale of the efficiency of the cognitive representation of information refer to the different styles of managing and presenting interactive electronic activities, and that the size of their impact was large, and the results revealed the size of the impact of the interaction between the style of managing electronic activities and the style of presenting electronic activities among the students, which indicates the impact. The interaction between the pattern of managing electronic activities (directed - free) and the pattern of presenting electronic activities (introductory - concluding) in increasing the efficiency of The cognitive representation of home economics students, the research sample, and the Tukey Test was used to find out the significance of the differences between the mean scores of the four groups in the scale of the efficiency of cognitive representation of information, which showed the superiority of the fourth group (the style of managing free activities / the style of presenting final activities) over the rest of the groups. The results revealed that there are differences between the average scores of female students in the mindfulness scale due to the different styles of managing and presenting interactive electronic activities and that the size of their effect was large for the style of managing interactive electronic activities, while it was average for the style of presenting interactive electronic activities. The results also revealed the size of the effect of the interaction between The pattern of managing electronic activities and the pattern of presenting electronic activities for students came small, and this indicates that there is no significant statistical interaction between the pattern of managing electronic activities and the pattern of presenting them in the mindfulness scale for home economics students.