

# THE EFFECT OF THE IMPLEMENTATION OF E-LEARNING TO THE STUDENTS' INDEPENDENCE AND INTERESTS IN SCIENCE INSIGHT AND STUDY COURSE

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## ABSTRACT

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The aim of this study was to determine the effect of the implementation of e-learning to the students' independence and interests in Science insight and Study Course. The used method was Experimental Post-test Only Control Group Design by questionnaire sheets. The subjects were Chemistry Education students year 2015. The results of the hypothesis-test showed that there are no significant differences of independence and interest in both of groups. However, the results of descriptive data analysis showed that the average students' independence and interest in the experimental was higher than the control group. The experimental group mean of 3.67 (good), while the control group average of 3.48 which are at the same category. Average students' interest in the experimental group of 4.21 (very good), while the average in the control group at 4.08 (good). In addition, based on the questionnaire of students' responses towards e-learning obtained mean of 4.51 (very good).

Kata Kunci: *e-learning, learning independent, learning interest*