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Thesis Title : A Comparative Study of the Learning Achievement by the Two-types Feedback in the Computer Assisting on Digital Technique Instruction - Lessons of the Students in the Technical Diploma Level.

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#### Abstract

This study is an experimental research aimed at a comparative study of the learning achievement by the two-types feedback in the computer assisting on digital technique instruction - lessons. The samples were counted in all the 60 first year students in 1992 academic year of the vocational education diploma program in the Department of Electronics, Rajamangala Institute of Technology, Bangkok Technical Campus, randomly assigned into 2 experimental groups, each group was equally comprised of 30 students. The first experimental group was learned through the computer assisting lesson that presented the immediate feedback. The second experimental group was learned through the computer assisting lesson that presented the delaying feedback.

The research instruments were classified into two-types feedback in the Computer assisting and achievement in Flip-flop test. The achievement scores from the test were then analyzed to find out the arithmetic mean, standard deviation and validated by means of a t-test.

The results of this study revealed that there were differences in learning achievement between the students studying from two different types of the Computer assisting lesson showing indifferently at the significance of .05 level.