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Thesis Title : A Comparative Study of Learning Achievement and Retention by Using Dissolved Double-Image Slide-Tape and Dissolved Single-Image Slide-Tape

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Academic Year : 1991

Abstract

This study is an experimental research. The purpose of this research is to compare the learning achievement and retention by using dissolved double-image slide-tape and dissolved single-image slide-tape in the course of Instructional Technology (ED 421). The sample groups were 60 fourth-year Bachelor Degree students of the 1991 academic year, Department of Industrial Education, the Faculty of Industrial Education, King Mongkut's Institute of Technology Thonburi. The sample groups were randomly assigned into 2 experimental groups, 30 students for each group.

The research instruments were as follows : a dissolved double-image slide-tape, a dissolved single-image slide-tape, an achievement test and a retention test on "Movement Photography" and "Lighting for Portrait Photography" developed by the researcher. Scores from the tests were analyzed to obtain the arithmetic mean, standard deviation and validated by means of t-test.

The result is revealed that students' achievement and retention of learning from dissolved double-image slide-tape and dissolved single-image slide-tape had no significant difference at the statistical level 0.05