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Thesis Title : An Experimental Study of Dissolve Slide-tape

Programs which Use Lines Cued from Fade out Pictures  
and Line Cued on Pictures for Teaching "Photographic  
Techniques"

Concentration : Technical Education Technology

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### Abstract

The purpose of this study was to compare the slide-tape programs which lines cued from fade out pictures and lined cued on pictures for teaching photographic techniques. Sixty samples were collected from freshmen students of Suansunantha Teacher's College during the first semester of 1992 academic year. The samples were divided into two groups by simple random sampling method: the first group studied with dissolve slide-tape program which lines cued from fade out pictures, the second group studied with dissolve slide-tape program which lined cues on pictures. The instruments were two sets of slide-tape program and the achievement test designed by the researcher. The instrument obtained the standardized item alpha = 0.86. After the pretest, the students studied through the first part of dissolve slide-tape programs and completed 30 items of the achievement test within half an hour. After that the students studied through the second part of the dissolve slide-tape programs then completed the second part of 30 items of the test. A t-test and analysis of covariance statistics were computed using the

Statistic Package for Social Sciences (SPSS/PC+). The results revealed that the learning achievement and the retention between the studied groups were significantly difference at the .05 level. The group of students studied with dissolve slide-tape program which use lines cued from fade out pictures achieved significantly higher scores in cognitive learning and retention than the group of students studied with dissolve slide-tape program with use line cued on pictures.