

Thesis Title	COMPUTER-ASSISTED INSTRUCTION ON DIGITAL MEDIA FOR INSTRUCTION AND TRAINING
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ABSTRACT

This purposes of this research were to construct and find out the efficiency of Computer - assisted instruction on Digital Media for Instruction and Training and learning achievement between the subjects learning with Computer-assisted instruction and the subjects learning with traditional method.

The samples of this study were 40 students selected form all of 350 second year students in the academic year 2005 at Faculty of Education, Chulalongkorn University. They were divided into two groups. Each group was composed of 20 students. The experimental group learned with Computer-assisted instruction while the controlled group learned with traditional setting.

The efficiency of Computer-assisted instruction was obtained from the learning achievement of the experimental group and the achievement scores were then compared with the controlled group. The data was analyzed by using Independent Sample t-test.

The results of the study were as follows:

1. The effectiveness of Computer-assisted instruction on Digital Media for Instruction and Training was at 82.67:81.63 which was higher than criterion set 80:80.

2. The learning achievement of the student who learned with Computer-assisted instruction was significantly higher than that of the students who learned with a traditional method at 0.05 level.