

Thesis Title	Computer Assisted Instruction For Digital 1 On Logicdiagrams
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ABSTRACT

The purposes of the study were to construct and find out the efficiency of the computer assisted instruction in accordant with the defined 80/80 criteria and the learning achievement from the computer assisted instruction and traditional teaching process. The hypothesis of the study in learning achievement was that there was no significant differences between teaching means and of the subject The Theory of "Digital 1 on Logic Diagrams"

The population defined in the study were higher certificate students (M.6 students), electronics shops of Loei Technical College and Sakon Nakhon Technical College. The samples consisted of 60 purposive samplings divided into 3 group : group 1, for 20 efficiency experimental assisted students group 2, for 20 computer assisted instruction students and group 3, for 20 a traditional class control-group students.

The result of the study in computer assisted instruction was found that it was effective in terms of defined 78.409/79.549 criteria respectively. In comparing learning achievement between the computer assisted instruction and traditional teaching process, found that there was no significant difference at the 0.05 level. It was also indicated that effective constructed computer assisted instruction could make the certificate students gained as much learning achievement as well as usual teaching process.