

THESIS TITLE: A COMPARATIVE STUDY OF LEARNING ACHIEVEMENT OF LOWER
SECONDARY SCHOOL STUDENTS IN THE TRAINING FOR MULTIMETER
USING, THROUGH INSTRUCTIONAL MODULES AND MIAP
INSTRUCTIONAL PROCESS

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ABSTRACT

The purposes of this study were to compare the learning achievement and working skills of lower secondary school students in the training for multimeter using, though instructional modules and MIAP instructional process.

The samples were the students who registered for WORK ED 013 (Basic Handyman Work) in mathayomsuksa II in the first semester, academic year of 1993 in Kuddoopittayakom school, Nonsang District, Udonrthani Province. The 60 valunteeer students were selected through sample random sampling. The samples then were subsequently divided into two groups of 30 each by drawing. The first group was assigned experimental and learnt from instructional modules. The second group was assigned control group and lernt from MIAP instructional process.

The research tools; devised by the researcher himself, were the instructional modules which showed ratio at 85.55/85.00, MIAP instructional process lesson plan, a learning achievement and a working skill test. The randomized pretest posttest control group design was also utilized. The t-test was applied to analyze the data of learning achievement and working skills.

The results of this study showed that the learning achievement of the experimental group was significantly higher than the control group at .05 level. However, both the experimental group and control group did not significantly differ in the working skills at .05 level.