

TE 130656

Nattakorn Papan. 2002. *The Production of Instructional Videotape on the Topic of Safety in using Electricity for Vocational Students*. An Independent Study Report for the Master of Education in Educational Technology, Graduate School, Khon Kaen University. [ISBN 974-668-810-3] •

**Independent Study Advisory Committee :** Asst. Prof. Udom Chaivan

#### Abstract

The purpose of this independent study was to produce an instructional videotape lesson on “The production of instructional videotape on the topic of safety in using electricity for vocational students” which was proposed to obtain the effectiveness index.

First year, first students in first semester, academic year 2001 at the program of Elementary Education, Suranaree technical college were used as subject in this study.

The instruments used in this study was the videotape lesson on “The production of instructional videotape on the topic of safety in using electricity for vocational students”. The examination paper was given before and after watching videotape as the lesson. The score of the examination was calculated to find out the effectiveness index by using Hovland et al’s method.

The result of this study showed that the effectiveness index at the level of 0.59 has achieved. There fore, this instructional media could elucidate the objective of the study and can be used for teaching and learning.