

INDEPENDENT STUDY TITLE : THE EXPLORATION ABOUT THE STANDARD OF
THE EDUCATIONAL AUDIO-VISUAL EQUIPMENTS
OF THE SECONDARY SCHOOLS IN CHANGWAT
UDONTHANI UNDER THE DEPARTMENT OF
GENERAL EDUCATION

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ABSTRACT

The purposes of this study were to explore about the numeral of the educational audio-visual equipments and their working conditions of the secondary schools in Changwat Udonthani base on the standard of the Department of General Education.

The sampling group were 60 secondary schools in Changwat Udonthani. The analytical devices composed of four types of questionnaires which were checking lists , filling in the blanks, filling in the numbers, and opening form. In gathering the data, 60 questionnaires (100%) were returned. and these data were analyzed by using SPSS/PC+ Program.

The study were as follows.

1. According to the standard of the Department of General Education. 21 pieces of the educational audio-visual equipments were surveyed.

1.1 In the extra large secondary schools, there are 17 approved pieces from 21 pieces. All of these schools possess 6 pieces of standard equipments which are video cameras, video rewinders, satellite dishes, cameras, flashes, and tripods, but they could not provide 4 pieces of equipments which are slide projectors, amplifiers and small microphones, darkroom supplies, and darkroom lighting set.

1.2 In the large secondary schools, there are 12 approved pieces from 21 pieces. Most of these schools (87.5%) possess one piece of standard equipment which is a synchronized tape player, but they could not provide these 9 pieces which are radio/tape recorders, slide projectors, color television sets, video cassette recorders, opaque projector, charactor generator, flashes, darkroom supplies, and darkroom lighting set.

1.3 In the average-sized secondary schools, there are 20 approved pieces from 21 pieces, in which most of these schools (96.6%) possess one piece which is projector screens but only darkroom lighting set could not be provided.

1.4 In the small secondary schools, there are 16 approved pieces from 21 pieces. Most of these schools possess 2 pieces of standard equipment which are overhead projectors and slide projectors but 5 pieces of opaque projector, charactor generator, camera stands, enlarger and darkroom supplies, and darkroom

lighting set could not be provided.

2. The working conditions of audio-visual equipments.

2.1 The extra large secondary schools, there are 9 pieces of equipments that can be used and 8 pieces of them are out of order.

2.2 The large secondary schools, there are 4 pieces of equipments that can be used and 7 pieces of them are out of order.

2.3 The average-sized secondary schools, there are 7 pieces of equipments that can be used and 13 pieces of them are out of order.

2.4 The small secondary school, there are 11 pieces of equipments that can be used and 5 pieces of them are out of order.