

## บทคัดย่อภาษาอังกฤษ

<b>Title</b>	A Study and Development of A Training Package on Instructional Media Creation Using ICT for Teachers of Border Patrol Police Schools under Border Patrol Police Sub-Division 41
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<b>Year</b>	2560

### Abstract

The objectives of this research were: (1) to survey needs of using ICT in classrooms of teachers in border patrol police schools under Border Patrol Police Sub-Division 41; (2) to develop a training package on instructional media creation using ICT for teachers of border patrol police schools under Border Patrol Police Sub-Division 41; and (3) to evaluate a training package on instructional media creation using ICT for teachers of border patrol police schools under Border Patrol Police Sub-Division 41.

The sample could be divided into two groups: (1) the population, which were used to survey the needs of using ICT in classrooms of teachers in border patrol police schools under Border Patrol Police Sub-Division 41, which consisted of 90 participants selected from 11 schools by using simple random sampling; and (2) the population, which were used to evaluate the effectiveness of the training package on instructional media creation using ICT for teachers of border patrol police schools under Border Patrol Police Sub-Division 41, which consisted of 34 participants selected from 11 schools by using cluster random sampling. The research instruments were: (1) a questionnaire on the needs of using ICT in classrooms of teachers in border patrol police schools under Border Patrol Police Sub-Division 41, (2) a training package on instructional media creation using ICT for teachers of border patrol police schools under Border Patrol Police Sub-Division 41, (3) a parallel pretest and posttest, and (4) a questionnaire for the satisfaction toward using the training package.

The research results were as follows.

1. According to the survey of the needs, the developed training package consisted of four units: Unit 1. Instructional media creation using Microsoft Word; Unit 2. Instructional media creation, such as flat pictures, using Adobe Photoshop; Unit 3. Instructional media creation, such as presentation, using Microsoft PowerPoint; and Unit 4. Internet-based instructional media creation.

2. The effectiveness of four units of the training package were 82.35/80.59, 80.88/80.29, 81.47/80.59, and 81.18/80.29 which were higher than the standard value of 80/80. In addition, the achievement of the participants was higher at a statistical significance level of .05.

3. The satisfaction of the participants toward using the training package was at a high level.

**Keywords:** training package, instructional media creation, teachers of border patrol police school