

Chatchayapha Wattanatham, Acting Sub Lieutenant 2013: Development of a Web-Based Training Model Using the Constructivism for the Border Patrol Police Schools. Doctor of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Assistant Professor Squadron Leader Sunchai Pattanasith, Ed.D. 241 pages.

The purposes of this research were: 1) to develop the effective Web-Based Training Model using the Constructivism for the border patrol police schools, 2) to compare the training achievement of the trainees with the scores before receiving the Web-Based Training using Constructivism, and 3) to explore the trainees' satisfaction of the Web-Based Training Model using the Constructivism.

The research population was 96 border patrol police schools who participated in the training program promoting educational quality to the Border Patrol Police School in the academic year 2004 from 13 schools under Border Patrol Police Sub-Division 13 of Border Patrol Police Bureau of Royal Thai Police Total of 96 people. The sample randomly selected by multi-stage sampling method. The first step was the cluster random sampling which consisted of two provinces, Kanchanaburi and Ratchaburi. The other step was the simple random sampling which comprised 54 students from 8 schools. The data were statistically analyzed using percentage, mean, standard deviation, and t-test dependent samples.

The research results revealed that:

1. The Web-Based Training Model using the Constructivism (S3A e-Training Model) for the border patrol police schools teachers had the following characteristics: 1) setting work goals, 2) activities and resource system using 3) action, and 4) assessment and reflection.
2. The efficiency of the Web-Based Training Model using the Constructivism met the criteria at the level of 80.56 / 81.33. Moreover; the achievement scores of the border patrol police schools teachers after receiving the training using the Web-Based Training Model using the Constructivism were significantly higher than the scores before receiving the training at the statistical level of .05.
3. The trainees' satisfaction of the Web-Based Training Model using the Constructivism was found at the high level.

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Thesis Advisor's signature