

Chomgiat Khemananta 2011: Development of M-Learning on Emergency Procedure Aviation Safety Course for the Crew Members of Thai Airways International Public Company Limited. Master of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Associate Professor Surachai Prasertsaruay, M.Ed. 85 pages.

The objectives of this research were: 1) to develop M-Learning on Emergency Procedure Aviation Safety Course for the Crew Members of Thai Airways International Public Company Limited at the efficiency 90/90 criteria, 2) to compare the learning achievement scores of the samples who used the M-Learning with those scores of the samples who did not use the M-Learning and 3) to study the satisfaction of the Crew Members on M-Learning on Emergency Procedure Aviation Safety Course for training the Crew Members of Thai Airways International Public Company Limited.

The samples in this Experimental research were 30 crew members of Thai airways international public company limited selected by Cluster Sampling. Research tools were M-Learning on Emergency Procedure Aviation Safety Course for the Crew Members of Thai Airways International Public Company Limited and the questionnaire on satisfaction. Data were analyses by percentage, mean, standard deviation, and t-test.

The results were as follows: 1) the efficiency of M-Learning was at 90/90 according to the criteria, 2) the learning achievement scores of the samples who have used the M-Learning were statistical significant higher than those of the samples who have not used the M-Learning at .05 level and 3) the satisfaction of the crew members of Thai airways international public company limited toward M-Learning on Emergency Procedure Aviation Safety Course was at higher level.

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