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Thesis title: A Model of Training via Network for Vocational Education Teachers under the Office
                  of the Vocational Education Commission

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Abstract

The purposes of this research were (1) to study the needs of vocational education teachers under the Office of the Vocational Education Commissioner for training via network; (2) to study opinions of the experts toward a model of training via network for vocational education teachers under the Office of the Vocational Education Commission; and (3) to propose a model of training via network for vocational education teachers under the Office of the Vocational Education Commission.

The research sample consisted of (1) 102 teachers of Nakhon Si Thammarat Vocational Education College, and (2) eight experts on educational technology and communications. The employed research instruments were (1) a questionnaire on the needs for training via network of the teachers; (2) a form for brainstorming of opinions in the focus group discussion; (3) a prototype model; and (4) a model assessment and certifying form. Statistics used for data analysis were the percentage, mean, and standard deviation.

Research findings revealed that (1) the overall need of the vocational education teachers for training via network was at the high level; (2) the experts had opinions that the model of training via network was a model for self-learning, with the ratio of face-to-face and on-line training being 20:80, and with the training design via the Internet that covered three components: the input component that included 1) the training objectives, 2) characteristics of the trainees, 3) the training operators (resource persons), 4) the personnel for training via network, 5) training media, 6) the interaction methods via network, 7) guidelines for organizing training activities, 8) appropriate activities for exchange of learning, and 9) the supporting technology and environment; the process component that included 1) features of training via network, 2) time interval of training via network, 3) activities before the training via network, 4) activities during the training via network, and activities after the training via network; and the output component that included 1) output for the trainees via network, 2) evaluation results of the model of training via network, and 3) the improvement of the model of training via network; the operation of the training via network comprised five steps, namely, the orientation step, the training induction step, the operation of training activities step, the conclusion step, and the training evaluation step; (3) the proposed model of training via network was evaluated by the educational technology and communications experts as being highly appropriate.

Keywords: Model, Training via network, Vocational education teacher