

Lesson study skills development training course to enhance Souphanouvong University lecturers' Instructions capabilities

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Abstract

The three purposes and three phases of this research and development were: firstly, to explore the state of the problems of lecturers' instruction and the needs assessment of lesson study skills for lecturers at Souphanouvong University to check the relevancy of lesson study skills; then, to design and develop the lesson study skills development training course; and finally, to evaluate lesson study skills through the course implementation and efficacy assessment revealed by the training course. The sample comprised three groups, namely 54 administrators, 176 lecturers, and 327 students from six faculties of Souphanouvong University in the 2020–2021 academic years, that were selected by stratified random sampling. Then, designing and inspecting the quality of the training course by experts, and finally, training course' implementation through the one-shot case study design with 30 lecturers at Souphanouvong University. Research instruments included a questionnaire, an achievement test, and the evaluation forms of lesson study skills; Statistics used included percentage, mean, standard deviation (S.D.), and Priority Needs Index Modified (PNI_{Modified}); and Multivariate Analysis of Variance (MANOVA) was applied. The results of this research were as follows: Phase 1: The state of the problems of the lecturer's instruction; the overall average was high; meanwhile, a needs assessment of the training course was at the highest level through the priority needs index modified average of 0.37 (PNI_{Modified} = 0.37). It was essentially information to carry out phase 2: the developed training course included: (1) Background and importance of the course, (2) Principles of the course, (3) Goals of the course, (4) Course objectives, (5) Duration of training, (6) Content and structure, (7) Training media and equipment; and (8) Training evaluation. The training course structure had an index of item objective congruence equal to 0.97 (IOC = 0.97) and was appropriate at a high level (\bar{x} = 4.38, S.D = 0.55) with the training course's reliability of Cronbach's alpha at 0.872. And the skills of Lesson study were at a highest level (\bar{x} = 4.55, S.D = 0.45).

Keywords: Lesson study Skills, Needs Assessment, Training Course, Souphanouvong University.