

**Title : DEVELOPMENT OF AN INSTRUCTIONAL MODULE TO
INCREASE THE ENGLISH COMPETENCY OF STUDENTS IN
THE CERTIFICATE OF PUBLIC HEALTH PROGRAM.**

Author : Miss Wilisak Buayaem

Adviser : Assoc. Prof. Teamjan Panichparinchai

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The main purpose of this study was to develop an instructional module to increase the English competency of students in the Certificate of Public Health Program, and the minor purposes were 1) To survey English competency of students in the Certificate of Public health Program, 2) To construct and find out the efficiency of the instructional module, 3) To try on the instructional module to strengthen the English competency of those students, 4) To evaluate the instructional module. The study was divided into steps:

Step 1: To survey the English competency of students in the Certificate of Public Health Program the at needs to be strengthened. The sample included 367 randomly selected from 16 provinces in the North. They were asked to respond to a questionnaire. The collected data were then analyzed in terms of frequency, mean and standard deviation.

Step 2: To construct and find out the efficiency of the instructional module. The researcher constructed an instructional module which was later examined by five experts for its congruence between suitability. Fifteen sophomores from Sirindhorn College of Public Health, Khon Kaen province were employed to test for the efficiency. The instruments used were two sets of instructional modules: one in communication and the other in public health. Forty items of 4 choice multiple choice test were used to evaluate their achievement.

Step 3: To try on the instructional module to strengthen the English competency of those students. The sample was 103 students in the Certificate of Public Health Program, Phitsanulok. The instruments used were two sets of instructional module: One in communication and the other in public health. Forty items of 4 choiced multiple choice test were used to evaluate their achievement. The t-test dependents were employed to differentiate the results of the test before and after the experiment.

Step 4: To evaluate the instructional module to increase the English competency of students in the Certificate of Public Health Program, Phitsanulok. The sample was 103 students who studied English by using an instructional module. The instrument used was a questionnaire. The collected data was analyzed in terms of mean and standard deviation.

The results of this research were as follows:

1. The English competency needed to strengthen in communication was at a high level in reading comprehension and in public health was at a high level in vocabulary for treatment, patient referring, and continuing treatment. Researching on a high level, following up on treatments learning a nurse vocabulary.
2. The efficiency of the instructional module was 83.88/80.33
3. Students studying by both categories of the instructional module had higher achievement at the significant level of .05
4. Students expressed the opinion of the instructional module in output, procedures and products at the very high level.