

## **CHAPTER THREE**

### **METHODOLOGY**

This chapter describes: (1.) the subjects, (2.) the materials, (3.) the procedures used in the collection and analysis of the data, and (4.) the data analysis.

#### **3.1 SUBJECTS**

The subjects of the study were all of the trainees in the pre-intermediate and intermediate in-service English training courses of Assumption College Samutprakarn. There are one hundred and twenty. All of them were provided with questionnaires. Eighty-eight respondents returned the questionnaires.

#### **3.2 MATERIALS**

The questionnaire developed as an instrument for the study is divided into three main parts. Part one consists of both closed and open ended questions for demographic information- - gender, age, marital status, educational background, teaching experience, and English experience. Part II consisting of twenty-four closed ended questions are implemented to measure trainees' attitudes regarding the course content, the instructions, the teaching materials, the timings and the evaluation as well as the progress and knowledge application by using a 5-point Likert scale. Part III is an open ended question for comments and suggestions. There are 42 questions in total.

The questionnaire was already pre tested by 10 Thai teachers at Assumption College Samutprakarn . Four questions were deleted because they overlapped with some other question in the questionnaire.

### **3.3 PROCEDURES**

#### **3.3.1 Research Design**

This study is a cross-sectional design to explore the trainees' attitudes towards the in-service English program of Assumption College Samutprakarn.

#### **3.3.2 Data Collection**

The self administered questionnaire was designed by using textbooks, related research studied will be used to collect data from the trainees.

The researcher will gather data by distributing the questionnaires to all participants by putting the questionnaires in brown paper bags and giving them to trainees at each teachers' office at the school and will tell the trainees that the questionnaires will be collected a day after. Two days later, the researcher will collect the questionnaires which will be put into the bags.

### **3.4 DATA ANALYSIS**

The Statistical Package for Social Sciences (SPSS) will be used to analyze the data gained from the respondents.

Statistical devices will be used as follows:

**A Five-Point Likert Scale** will be used to grade trainees' attitudes towards the in-service English training course of Assumption College Samutprakarn

**Mean and standard deviation** will be used to calculate the attitudes of trainees regarding the course content, the instructions, the teaching materials, the timings, the evaluation, and the progress and the knowledge application.

**Frequency and percentage** will be used to analyze the demographic information: gender, age, marital status, educational background, teaching experience, and English experience

In Part II that is about trainees' attitudes, the respondents will mark in the blanks regarding their opinions according to the following scales.

**Strongly agree is 5.**

**Agree is 4.**

**Neutral is 3.**

**Disagree is 2.**

**Strongly disagree is 1.**

$$\begin{aligned} \text{Width of interval scale} &= \frac{\text{Maximum Value}-\text{Minimum Value}}{\text{Number of Level}} \\ &= \frac{5-1}{5} \end{aligned}$$

$$\text{Width of interval scale} = 0.80$$

From the above criteria, the results can be transformed into the levels of satisfaction as follows.

Mean	Result
<b>4.21-5</b>	<b>Extremely satisfied</b>
<b>3.41-4.20</b>	<b>Satisfied</b>
<b>2.61-3.40</b>	<b>Neutral</b>
<b>1.81-2.60</b>	<b>Dissatisfied</b>
<b>1.00-1.80</b>	<b>Extremely dissatisfied</b>

In brief, this chapter has shown the methodology of the study. The results of the study will be presented in the next chapter.