

ATHAPORN BEJARANANDA: THE DEVELOPMENT OF LEARNING-TEACHING MODEL IN THE INTERIOR ARCHITECTURE COURSE FOR THE DEPARTMENT OF ARCHITECTURE, FACULTY OF ARCHITECTURE, KING MONGKUT'S INSTITUTE OF TECHNOLOGY CHAOKUNTAHARN LADKRABANG. THESIS ADVISOR: ASSOCIATE PROF.PIYACHARTI SANGARON, 170 pp.

The objective of this research was to develop the learning-teaching model in the interior architecture course for the Department of Architecture, Faculty of Architecture, King Mongkut's Institute of Technology Chaokuntaharn Ladkrabang. (KMITL) The research hypothesis was the use of this model significantly improved the instruction efficiency.

The research population comprised the instructors and students of the Department of Architecture divided into two groups:

1. The surveying phase group which consisted of
  - 1.1 ten instructors who had instructed this course,
  - 1.2 one hundred (2nd, 3rd and 4th year) students who had studied this course.

2. The experimental phase group which consisted 30 first year students of academic year 1987 who studied this course for the first time.

There were 2 phases in this research procedure:

Phase 1: A questionnaire survey was conducted with the first group of population to find out about the present status and need to develop. The result of the data analysis was found out using arithmetic means and standard deviation and it led to the development of the temporary model. The model was reviewed by specialists whose comments gave basis for the revision and further improvement of the learning-teaching model for the topic "Color and Light in interior architecture design"

Phase 2: The model was then experimented with the second group of the population. The experiment resulted that the group's average score on the post-test was significantly higher than the group's average score on the pre-test at the level of .05 under the t-test statistical technique, indicated that the use of this model significantly improved the instruction efficiency.

The result of this research confirmed the expected benefit of the introduced learning-teaching model for the Department of Architecture, Faculty of Architecture, (KMITL) and it suggests the ways to develop other courses of similar nature in the future.