

Arun Poungpun : Developing Instructional Package Coating Metal with Plastics Powders for Diploma Curriculum, Department of Vocational Education. Thesis Advisors : Assoc. Prof. Banleng Sornil, Mr. Somyot Jedjaroenrak, Mr. Somwang Boonrakcharoen, 1989.

The objectives of this research were to construct the instructional package on Coating Metal with Plastics Powders and to experiment for its efficiency for Higher Vocational Program, Department of Vocational Education.

The experiment was conducted on the sample group of thirty Diploma Metal Technology students of Lampang Technical College during the second semester of the academic year 1988. The experimental process was done by using the instructional package and after each lesson, the samples were assigned to do the exercises in order to test for their comprehension both in theory and practice. The scores acquired from the test were then used as data to analyze for the efficiency of this instructional package.

As a result, the efficiency of the instructional package for the theoretical part was  $83.60/80.42$  and the practical part was  $83.72/89.80$  which were higher than the  $80/80$  established criteria.