

Chamnan Bunkum : The Construction of an Instructional Package on Thermoforming for Plastics Technology for Higher Vocational Program of Industrial Technology College, King Mongkut's Institute of Technology North Bangkok. Thesis Advisors : Assoc. Prof. Banleng \*Sornil, Dr. Suporn Panrat-isra, 1989.

The objectives of this research were to construct and to test for the efficiency of the instructional package on Thermoforming for Plastics Technology for Higher Vocational Certificate Program of Industrial Technology College, King Mongkut's Institute of Technology North Bangkok.

The experiment was conducted on the sample group of twenty Diploma Machine Mechanics students of Industrial Technology College, King Mongkut's Institute of Technology North Bangkok 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. The achievement test was given right after all the lessons were taught. The scores acquired from the exercises and the test were then used as data to analyze for the efficiency of this instructional package.

As a result, the efficiency of the package was 84.43/81.82, which was higher than the 80/80 established criteria.