

Somsak Sa-nguanduan : The Construction and Trial of Self-learning Package on the Designing of Simple Plastic Injection Mold Thesis Advisors : Assoc. Prof. Banleng Sornil, Asst. Prof. Sompong Makchang, 1989.

The construction of the package, consisted of four units, was based on the principle of self-learning method for complexlinear program to be used with Tool and Die Making students at Diploma level, Plastic Mold Design 1 Subject, Rajamangala Institute of Technology.

The trial to prove the efficiency of the package, based on the established criteria of 80/80, was done with 30 representative samples of defined population.

The findings were concluded as follow. The efficiency of unit 1 on Plastic Injection Process was 85.33/87.66, and unit 2 on Types of Plastic Injection Mold was 93.33/85.33. For unit 3 dealing with Materials Used in Plastic Mold Formation, the efficiency was 84.25/82.00, and unit 4 on Designing of Parts of Plastic Injection Mold was 92.29/84.66. However, the everage of package efficiency was 88.80/85.13, which was accepted as hypothesized.