

Independent Study Title: Instructional Application of Personalized
System of Instruction Model for the Course
"Microcomputer Application for Education"

Author: Mr. Praphan Phananukul

M.Ed: Educational Technology

Examining Committee: Assoc. Prof. Prachak Sudprasert Chairman
Lecturer Akom Thairin Member
Assist. Prof. Maitree Booncluarb Member

Abstract

The purpose of this study was to develop the instruction of the undergraduate course "Microcomputer Application for Education" by using The Personalized System of Instruction, PSI.

The experimental course was constructed according to the PSI. system, and divided into 5 lessons, each lesson consisted of terminal objectives, guideline questions, content and the performance evaluation form. The course was tried out with 18 undergraduate students of the faculty of Education of Chiang Mai University who registered in "Micro computer Application for Education" and finished the course with the evaluation test for all 5 lessons and the attitude test.

From the result of the study (the practical part was not included), which 83.33% of the students earned the grade of A and 16.67%

earned the grade of B, showed that the students were be able to reach the terminal objectives within mastering criterion and the attitude tes showed favorable in the PSI system and the improvement of the learning responsibility of the students.