

Thesis Title The Relationship between Learning Factors and
 Vocational Achievement of Students in Electronic
 Engineering Technology, Technical Education
 Curriculum B.E. 2527

Name Samroeng Madet

Concentration Curriculum and Supervision

Department Curriculum and Instruction

Academic Year 1989

ABSTRACT

The purpose of this study was to investigate the relationship between the student, instructor and institution factors and the student learning achievements in Electronic Engineering Technology Program of Technical Education Curriculum B.E. 2527. The subjects used in the study were 128 second year students of the Certificate of Technical Education level and 66 instructors involved in the instruction of these students. Data were collected by two sets of questionnaires, learning achievement tests in the Electronic Circuit 2 and Video Technology courses, and an attitude scale. The obtained data were analysed by Multiple Regression technique using the SPSS computer program

The findings of the study were as follows :

(1) Learning achievement in the Video Technology course was correlated significantly at .01 level to teacher factors : educational level and sex. These two factors combined could predict the variation of learning achievement in the Video Technology course at 3.63 percent.

(2) In the analysis of the learning achievement in the Electronic Circuit 2 course, no significant correlation at .05 level was found between the achievement and the factors investigated.

(3) No significant correlation at .05 level was found between learning achievements in the two subjects combined and the student, instructor, and institution factors included in the study.