Thesis Title	Computer – Assisted Instruction Program for Graphic Arts Photography 1 on " Production of Line Art "
Student	Mr.Patipak Phunudom
Student ID.	39064469
Degree	Master of Industrial Education
Programme	Educational Technology in Vocational and Technical Education
Year	2000
Thesis Advisor	Mr.Owat Poolsiri
Thesis Co-Advisor	Associate Professor Nopakoon Sooksatan
	Assistant Professor Dr.Pallop Piriyasurawong

ABSTRACT

The purpose of the study was to find the efficiency of computer-assisted instruction program for Graphic Arts Photography1 on "Production of Line Art" according to the Certification curriculum of Printing Division Rajamangala Institute of Technology, adjusted copy in 1995. The methodology was to create the computer-assisted instruction program and test the efficiency by sampling group of 40 students studying in Printing Division in 5 colleges. Before studying, the sampling group had to do pretest in computer-assisted instruction program and learn 4 topics. During studying, the sampling group have to do exercise about such topic finally, the students have to do posttest after learning every topic. Then the tested score will be utilized to computer the efficiency of computer-assisted instruction program .

The result of research revealed the computer-assisted instruction had the efficiency of 83.92/ 81.71 .That was higher than the criterion was 80/80 and had proportionally to relation on the average pretest and posttest of 1.03 which was accepted as standardization'Meguigans.The difference test of pretest and posttest revealed the posttest had upper than pretest were significance level of .05