Thesis Title	Creating the Computer Assisted Instruction Package on the Subject of Data Communication System of Rajabhat Institute.
Thesis Credits	6
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Abstract

The purpose of the experimental research has been to constructed and evaluated the computer assisted instruction package on the Subject of Data Communication System of Rajabhat Institute and find out their efficiency and the result also indicated that the achievement of students.

The instrument consisted of the computer assisted instruction package on the Subject of Data Communication System and test. The sample group used 30 students of bachelor's degree and studying Data Communication System subject at Rajabhat Buriram Institute.

The research results have been showed that the mean of the transitional behavior test presented 91.61 and the mean of the terminal behavior test presented 87.64 Thus, this computer assisted instruction package has efficiency 91.61/87.64 criteria. The comparison of score between the pretest and the posttest by using t-test was significantly difference at the level 0.05 as considering that the posttest score ($\bar{x}$ = 87.64) was higher than pretest score ($\bar{x}$ = 56.06). This result of comparison indicated the computer assisted instruction package was enable learner high achievement.Thus, the computer assisted instruction package on the Subject of Data Communication System could be used to effectively application of teaching and learning.