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Thesis Title : To Construction and Efficiency of Computer Assisted Instruction on
Automotive Air-Condition System
Major Field : Mechanical Technology
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Abstract

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The objectives of this experimental research was to find out about a construction and efficiency of Computer assisted instruction on automotive air-condition system (Code 21012105) being designated in the 2002 (improve 2003), Department of Vocational Education.

The computer assisted instruction for automotive air-condition system and the post test pattern are the tools for this research, which had already put in to test to those students at Siam Institute of Technology Industrial Vocational Education Branch Automotive level 3 second term total 60 students by study of this lesson as well as do the practice activities that determinate in this lesson. Such 60 students were a sampling group type known as purposive sampling. Which have done the after they have completed the study, they also did the posttest. Then the data had been brought for analysis in order to find the efficiency value of the computer-assisted instruction.

The research result, from computer assisted instruction, which had been construction, obtained the efficiency value 85.07 / 81.04. This higher than the criterion 80 / 80 as specified.

(Total 208 pages)

Sompong Makchang

Chairperson