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Thesis Title : A construction and development The
medium of instruction
Courses Electricity in daily life
Major Field : Mechatronics Engineering
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Abstract

Special Project about the creation and development of teaching materials Electricity in daily life. The purpose is to create and develop teaching materials Electricity in daily life. This includes documentation and Instruction Media of teaching the content, test and Process of teaching. The evaluation of quality professionals who have experience in teaching amount 5 persons. The results of the analysis to find the mean and standard deviation of then so to find out efficiency of the group sample the First year students in the field of Mechatronics Engineering. Department of Teacher Training in Mechatronics Engineering. Faculty of Technical Education. King Mongkut's University of Technology North Bangkok. Amount 21 persons.

Evaluation of quality of experts the overall average (\bar{x}) as 4.10 and standard deviation (S.D.) as 0.56 quality level good side efficiency value efficiency of the first have average percent 84.95 and value efficiency of the latter have average percent 72.57 we conclude that series teaching the project has been made. Quality level good and effective 84.95/72.57 which is under than the threshold 80/80 according to the hypothesis of statistics.

(Total 247 pages)

