

## The Factors Affecting the Development of the Media and Animations for Vocational School in Thailand

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**Abstract :** The research aimed to study the students' learning achievement and awareness level on electrical energy consumption and conservation and also to investigate the students' attitude on the developed multimedia supplemented instructional unit for learning household electrical energy consumption and conservation in grade 10 Thailand student. This study used a quantitative method using MCQ for pre and post-achievement tests and Likert scales for awareness and attitude survey questionnaires. The results from this were employed to improve the multimedia to be appropriate for the classroom and with real life situations in the second phase, the main study. The experimental results showed that the developed learning unit significantly improved the students' learning achievement as well as their awareness of electric energy conservation. Additional we found the student will enjoy participating in class activities when the lessons are taught using multimedia and helps them to develop the relevance between the course and real world situations.

**Keywords :** lesson plan, media and animations, training course, vocational school in Thailand

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