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### Abstract

The research objective is to construct the instructional package for Refrigeration and Airconditioning course on the topic of Airconditioning System based on the curriculum of Teacher Training in Mechanical Engineering, King Mongkut's Institute of Technology North Bangkok.

The research method was conducted by providing this instructional package for use as an experimental model in the classroom. At the end of each lesson as outlined in the lesson plan, all students had to do the practical exercises provided and each student's scores were collected. By the end of the course, the achievement test was constructed and taken by all students. The scores taken from the practical exercises and from the achievement test were then compared and calculated to find out the efficiency of the package.

The research finding indicated that the efficiency of this package is 71.80/77.20 which is higher than the established criteria of 70/70.