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Thesis Title : The Construction and Evaluation of AC Circuit  
Experimental Set.  
Major Field : Teacher Training in Electrical Technology  
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### Abstract

The purposes of the research were to construct the AC circuit experimental set at Vocational Certificate level and to find out its efficiency by calculating from the learning achievement test.

This experimental set was desinged to cover 12 training topics. Thirty-two second-year electrical major students of Rayong Technical College were randomly assigned to the experimental process for data collection by means of experimental sheet and achievement test.

It was found that the efficiency of the AC circuit experimental set was  $81.79/80.64$  which was accepted as hypothesized.