

Walaiporn Suttha 2014: The Development of Home Economics Blended Learning Model for Rajamangala University of Technology Students. Doctor of Philosophy (Vocational Education), Major Field: Vocational Education, Department of Vocational Education. Thesis Advisor: Associate Professor Vikorn Tantawutho, Ed.D. 277 pages.

This research aims to develop the Blended Learning Model for Home Economics students at Rajamangala University of Technology and to determine the effectiveness of this model. The model was developed by data collection and questionnaire from 9 experts who have experience of Home Economics instruction and e-Learning instruction. The model consisted of 9 components which are 1) teaching and learning objectives 2) readiness of students 3) readiness of instructors 4) planning course 5) designing and developing an e-Learning courseware 6) availability of learning and teaching environment through the internet 7) teaching and learning by Blended Learning activities 8) supporting activities and 9) monitoring and evaluation.

The evaluation of the model was conducted among 33 students in Science of Cookery Course of Bachelor of Home Economics Program at Rajamangala University of Technology Phra Nakhon. The finding suggested that the model is practical usage and both the knowledge and self-directed learning post-test scores are higher than the pre-test scores significantly at .05 level. Moreover, students were highly satisfied when learning with this model.

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Thesis Advisor's signature