

Soontaree Sakulprahmne 2014: Development of Flexible Learning Model for the Undergraduate Students. Doctor of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Associate Professor Surachai Prasertsaruay, M.Ed. 308 pages.

The purposes of this research were 1) to develop the flexible learning model; 2) to produce the qualified flexible learning media; 3) to study the learning achievement from using the flexible learning model, and 4) to investigate the students' satisfaction towards the flexible learning. The experimental group was 38 undergraduate students who enrolled the Multimedia Technology course of Sripatum University in the second semester of the academic year 2013. The instrument of the research were 1) the flexible learning model; 2) the flexible learning media; 3) the quality evaluation form; 4) the learning achievement test; 5) the authentic test, and 6) the questionnaire for students' satisfaction. The data were analysed by using percentage, mean, standard deviation and t-test.

The results of this research were 1) the flexible learning model consisted of 3 elements approved by the experts were (1) Teacher which consists of 5 authentic tasks such as pedagogies, learning resources, technology, delivery mode and assessment (2) Flexible dimension which consists of 5 dimensions such as time, place, learning style, content and instructional media, and (3) Student is the center of learning 2) the quality of the flexible learning media was at the highest level. ($\bar{X} = 4.62$) 3) the learning achievement test scores were statistically significant higher than the pretest scores at .05 level and the results of authentic assessment through rubric on the students' learning result scores were at the good level. ($\bar{X} = 3.00$), and 4) the students' satisfaction towards the flexible learning model was appropriate at high level ($\bar{X} = 4.28$).

Student's signature

Thesis Advisor's signature