

Kanjana Khunthong 2006: Learning Achievement of Web – based Instruction on Introduction to Internet of Science and Technology Students, Sa Kaeo Community College. Master of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Assistant Professor Jongkol Kanperm, M.S. Tech. Ed. 144 pages. ISBN 974-16-1839-5

The purposes of this research were: 1) to construct and test efficiency of web – based instruction on Introduction to Internet for Science and Technology Students, Sa Kaeo Community College, 2) to investigate the learning achievement of web – based instruction on Introduction to Internet, and 3) to study the satisfaction from web – based instruction on Introduction to Internet.

The sample group in this research was 30 Science and Technology students, Sa Kaeo Community College, in the second semester of 2005 academic year, selected by purposive sampling. The instruments were 1) the web – based instruction on Introduction to Internet, 2) achievement test of Introduction to Internet, and 3) satisfaction questionnaire from web – based instruction on Introduction to Internet. The data were analyzed by mean, percentage, standard deviation, variance and match-pair t-test.

The research results revealed that: 1) the efficiency of the web – based instruction on Introduction to Internet was 82.53/81.88, which met the 80/80 criteria, 2) the learning achievement was significantly higher than the pre-test at .05, and 3) the students were satisfied at the highest level and high level in the case study of web – based instruction on Introduction to Internet.

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Thesis Advisor's signature

