

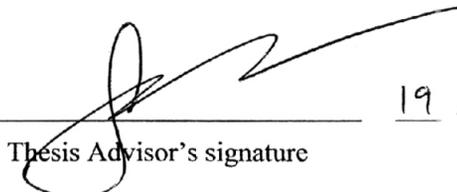
Kittachai Sukprasert 2006: Status, Needs and Problems with Computer Network Education Systems in South-East Asia University. Master of Education (Educational Technology), Major Field: Educational Technology, Department of Educational Technology. Thesis Advisor: Associate Professor Saroch Sopeerak, Ed.D. 77 pages.
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The purposes of this research were to study the status and problems with education computer network systems in the Faculties of Business Administration, Engineering, Arts and Sciences, and Law. The sample group consisted of 353 students from the Faculty of Business, 327 students from the Faculty of Engineering, 240 students from the Faculty of Arts and Sciences, and 171 students from the Faculty of Law. The research instruments consisted of questionnaires., Data were analyzed by percentage, mean and F-test.

The results of the research indicated the following. 1) The satisfaction level of students who used the On-line Registration system was high and the satisfaction level of the students who had used the network system for research and internet services were fractionally lower. 2) The following needs and problems were identified and rated for their satisfaction levels: insufficient quantity of computers; computers not ready; low efficiency speed of computers; and low connection speed to computer network systems. Suggestions for improving the system were to improve the software to a higher level so that students can check their grades on the internet system, provide improved download service on the internet; provide remote dial-up access; and provide data printing service from internet. When considering the personnel aspect, the sample had the following suggestions: provide more personnel with high level computer skills, train those personnel in people relationships and provide them with knowledge of the services to be provided and in solving problems related to the computer network systems. 3) From the results of a comparison of the computer network system needs, it was found that students of the business administration faculty had a higher level of hardware needs than students from the other faculties, but their software requirements were similar to those of students in the Arts and Sciences Faculty. From the aspect of personnel, the needs of students from the Business Administration Faculty and students from the Faculty of Arts and Sciences were similar. When comparing the needs of students from the Faculty of Engineering and students from the Faculty of Arts and Sciences, there were also no significant differences.

Kittachai Sukprasert

Student's signature



Thesis Advisor's signature

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