

GUIDELINES FOR INCREASING STUDENTS' INFORMATION TECHNOLOGY SKILLS COLLEGE OF LOGISTICS AND SUPPLY CHAIN

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ABSTRACT

This research aimed to study information technology perception among logistics and supply chain college students. And to use the results of the study to improve the educational management process to be more quality and in line with the needs of the labor market. The population used in this study were at least 100 students from the College of Logistics and Supply Chain studying in the seminar course in 2023. Used to collect data by questionnaires and statistics used to analyze data, including percentage, mean, and standard deviation. The study found that the assessment of Information Technology Perceptions of Logistics and Supply Chain College Students found that the total mean was 4.75 and the standard deviation was 0.37

Keywords: skills enhancement, information technology, logistics and supply chain college

INTRODUCTION

Nowadays, information technology plays an even greater role in work and daily life. And there is still widespread use of technology in Thai society. Because the information technology structure covers areas all over Thailand. In terms of education in the logistics industry Information technology will help increase productivity, reduce costs, and increase work efficiency. in economic, trade and industrial operations It is necessary to find ways to increase productivity, reduce costs, and increase work efficiency. Computers and communication systems help create automation. Information technology changes the service model to a distributed one. When developing information systems and using information well Various services therefore emphasize the distributed service model. Users can order products from home. You can inquire via phone. Students at some universities can use computers to ask for exam results from home.

Aunyawong, W., Wararatchai, P., & Hotrawaisaya, C. (2020). said The research model consisted of 4 latent variables assessing 13 observed variables. The only exogenous latent variable was SCI, whereas endogenous latent variables were SCC, LGF, and SCP. The stratified random sampling was used to select the questionnaire respondents. Data from a total 321 complete surveys were acquired from top managers working for auto-parts manufacturing companies in Thailand. The hypotheses were tested by using structural equation modeling (SEM). The results supported that SCI enabled auto-parts manufacturing firms to improve SCP successfully, and that SCC and LGF played an important role in mediating the effect of SCI on SCP. This research recommended that companies should consider strategies enhancing SCI, SCC, and LGF as they can increase their SCP. Information technology is therefore necessary. For operations in various agencies, at present every agency has developed a data collection system for use in the organization. Thailand has a population registration system prepared with the system. hospital medical record system Tax filing system At every level of the organization,

we see the importance of using information technology to involve people at all levels. Information technology development Making people's lives related to technology This can be seen from computer printing. Using spreadsheets and use various types of telecommunications equipment, etc.

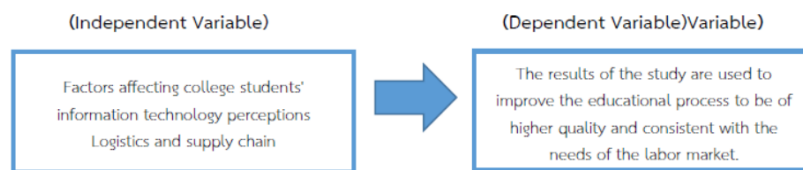
College of Logistics and Supply Chain Suan Sunandha Rajabhat University Recognizing the importance of information technology that will affect work in the agency or various organizations which will help develop students' working skills to have knowledge Increased expertise Therefore, we conducted research on this matter. To increase information technology skills of students in the College of Logistics and Supply Chain. and use the information to improve the educational process to be of higher quality and consistent with the needs of the labor market.

OBJECTIVES

1) To study the information technology awareness of students in the College of Logistics and Supply Chain.

2) To use the results of the study to improve the educational process to be of higher quality and consistent with the needs of the labor market.

Conceptual frameworks



Picture 1: Conceptual framework of the research on guidelines for increasing students' information technology skills. College of Logistics and Supply Chain

RESEARCH METHODOLOGY

1) Population and sample

The population and sample used in this research is students of the College of Logistics and Supply Chain who study seminar courses in 2023, a total number of not less than 100 people.

2) Study methods

Tools used in this research It's a questionnaire. (Questionnaire) Evaluate the satisfaction of the sample group. Using an assessment that is a 5-level rating scale using the Likert Scale method, defining the meaning of the score for each option in the assessment as follows.

- 5 means has the highest level of awareness.
- 4 means there is a high level of awareness.
- 3 means having a medium level of awareness
- 2 means there is a low level of awareness.
- 1 means there is the least level of awareness.

Collection of researcher data A questionnaire was used as a tool to collect data. An online questionnaire was created for students in the College of Logistics and Supply Chain. Ready to explain details for respondents to understand.

3) Location

College of Logistics and Supply Chain Suan Sunandha Rajabhat University Nakhon Pathom Campus.

4) Study period

This study How long does it take to collect data? and conducting the study from October 2022 to May 2023

5) Data analysis

Perception was analyzed using the results of the sample's perception assessment responses. Let's analyze using mean and standard deviation statistics.

Criteria for evaluating the perception of the sample group

4.51 – 5.00 means there is the highest level of awareness.

3.51 – 4.50 means there is a high level of awareness.

2.51 – 3.50 means having a moderate level of awareness.

1.51 – 2.50 means there is a low level of awareness.

1.01 – 1.50 means there is the least level of awareness.

Statistics used in the study

1) Analyze the results by calculating the percentage (Percentage) of the sample according to statistical principles, using the following calculation formula:

$$\text{Formula } p = \frac{f}{n} \times 100$$

where p is the percentage value
f is the frequency value that needs to be converted to a percentage value
n is the total number of frequencies.

2) Analyze the results by calculating the arithmetic mean (Mean) of the sample according to statistical principles, using the following formula:

$$\text{Formula } \bar{x} = \frac{\sum fx}{\sum f}$$

Where \bar{x} is the average
f is frequency
 $\sum fx$ is the sum of all scores
 $\sum f$ is the number of people in the sample

3) Analyze the results by calculating the standard deviation of the sample according to statistics, using the following formula:

$$\text{Formula } S = \sqrt{\frac{N \sum (fx)^2 - (\sum fx)^2}{N(N-1)}}$$

When x is instead of score
F is represents frequency
N is instead of the amount of data

RESULTS

Research on guidelines for increasing information technology skills of students in the College of Logistics and Supply Chain The results of the research are as follows:

1) Results of the study on the level of multimedia awareness Assessment of information technology awareness among logistics and supply chain college students. By analyzing the means and standard deviations shown in Table 1.

Table 1 : Results of the information technology awareness assessment

Evaluation list	Analysis results		
	\bar{x}	SD	Level of awareness
1) Students have knowledge about using the educational service management system for students.	5.00	0.00	The most
2) Students have knowledge about using the library's information search system.	5.00	0.00	The most
3) Students have knowledge about using the internet system within the college, such as steps for requesting a user code, methods for logging into the internet system.	4.80	0.45	The most
4) Students have knowledge about the use of educational applications that can be used in their studies.	4.60	0.55	The most
5) Students have knowledge about searching for information with Web Search Engines such as Google.	5.00	0.00	The most
6) Students have knowledge of document management programs, calculations, and Microsoft Office presentations such as Word, Excel, and Powerpoint.	4.40	0.89	The most
7) Students have knowledge about the use of information systems. Various database network systems, such as theses or research information search systems.	4.80	0.45	The most
8) Students have knowledge in transferring knowledge about information technology.	4.40	0.89	The most
Total	4.75	0.37	The most

Table 1 summarizes the results of information technology media perceptions. The overall average was at most equal to 4.75 and the standard deviation was equal to 0.37, which was in line with the research hypothesis.

Summary of research results

Research on ways to increase information technology skills of students in the College of Logistics and Supply Chain. The objectives are 1) to study the perception of information technology of students in the College of Logistics and Supply Chain 2) to use the results of the study to improve the educational process to be of higher quality and consistent with the needs of the labor market. The tool used was a questionnaire (Questionnaire) to assess the satisfaction of the sample group. Using an assessment that is a 5-level rating scale using the Likert Scale method, the sample group is 100 students from the College of Logistics and Supply Chain from purposive random sampling. The results of the data were analyzed using the SPSS computer program. Statistics used in the data analysis were percentages, averages, and standard deviations.

Research on guidelines for increasing information technology skills of students in the College of Logistics and Supply Chain. There are suggestions for those interested in doing further research as follows:

- 1) Should study and compare the operations of information and communication technology for education, logistics and supply chain colleges in order to see the differences. and see maximum effectiveness for the benefit of further information technology operations
- 2) Because of this research The researcher has researched operations on increasing information technology skills of students in the College of Logistics and Supply Chain.

Therefore, it is recommended to research information technology operations with other fields or faculties for further study and comparison.

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