

Abstract

The change of education paradigms is affected by the development of communication and information technology. Most of university are used technology as an education tool for teaching and learning. E-learning is one of the most famous tool for teaching and learning online without the barrier of time and place. Students can access online materials anytime and anywhere with the internet connection. However, learning online isn't success without the usage of students of e-learning system. This research was aimed to study the students' behavior intend to use an e-learning system of Boromarajonani college of Nursing, Suphanburi (BCNS) and to identify what factors affect the usage of BCNS e-learning. Technology acceptance model (TAM) was used as a research framework. Population included nursing students' year 2-4 who study at BCNS. Data were collected from 342 nursing students and path analysis were used to analysis research data.

The results show that the factors have an influence in students intend to use e-learning system is attitude toward usage an e-learning, perceive an easy of usage e-learning, and perceive the usefulness of e-learning in order. The model can be predicted the influential factors 39.76 percent ($R^2 = .3976$).

Key word: Technology acceptance model (TAM), factors affect, nursing students