

Mobile Learning and e-Book for Teaching Statistics

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Abstract. The Mobile learning (m-Learning) is novel in that it facilitates delivery of learning to the right person, at the right time, in the right place using portable electronic devices. In the near future, m-Learning could become a normal part of open and distance learning for lifelong education and self-directed learning. From December 2008 KNOU kick off the mobile learning system under the MOU with Korean Telephone Company KT. In KNOU, m-learning is expanded in almost every department of educational fields.

Before the m-Learning there are some special advantages of e-Learning which allows us to take learning, take training any time and any place with computer. Instead of having to schedule a time to go to a classroom to be able to take courses anytime anywhere is a great convenience and a great cost savings. e-Learning is an on-line education defined as the self paced or real time delivery of training and education over the internet to an end user device.

e-Learning is viewed as an effective educational context for professors, too. It makes possible for professors to recognize learners' difficulties of learning, to understand learners in depth in the process of replying their questions, and to provide appropriate educational materials to them according to their levels. e-Learning is regarded as an alternative way of raising an easiness in learning because it maximizes interactions that do not provide within off line class.

The Mobile learning and ubiquitous learning system for distance education has a more advanced educational paradigm that anyone who wants to study could study anywhere, anytime with the internet and multimedia system. The several projects were to evaluate the efficiency of e-Learning courses and suggest the future view of more advanced education system of mobile learning and ubiquitous learning system. In the future knowledge based society with rapid change of educational circumstances and paradigm, distance education using ICT technology could satisfy educational desires in various levels of learners. KNOU had provided student with distance education contents through broadcasting and ICT adopted media.

Mobile technologies, like mobile devices and wireless internet services, have the potential to introduce new innovations in the area of education m-learning, a new form of education using mobile internet systems and handheld devices can offer students and teachers the opportunity to interact with and gain access to educational materials, independent of time and spaces. 2009 study suggested some considerable suggestions for preparing the future of distance education based on mobile and one more step advanced ubiquitous learning.

e-Book was produced for supplementary material for teaching statistics with the resources of video files, sound files, Java applet and various kinds of html files. Those kinds of new media approach could renovate the new paradigm of teaching statistics. It could be a new dynamic book system with mobile kit with any educational resources.

Keywords: m-Learning, e-Learning, e-Book, ubiquitous learning

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