E-LEARNING: CURRENT SITUATION IN VIETNAM AND INTERNATIONAL EXPERIENCE

BY

Pham Thi Ninh[1*], To Ngoc Tram[2]

[1]University of Labor and Social Affairs

[2]National Academy of Public Administration

Abstract

Many organizations worldwide are now providing education and training services via the Internet. In addition to college and university training programs and degree programs, some companies and educational organizations also provide online teaching services for students at all levels from elementary school to university. Besides, the units also provide for corporations; for individuals in career development, and providing training in various management, finance, and information technology skills. This article presents issues related to online training and current online training models in Vietnam.

Keywords: E-learning, education, online

1. E-learning and related issues

Online learning enables richer, more engaging, more interactive learning experiences at reduced costs, significantly expanding access to learning, and ensuring clear responsibilities for all parties involved. Expectations for the growth of e-learning were so great that in 2000, four US investment firms conducted a detailed market analysis of what they called the e-learning sector and encouraged Their customers to consider investing in e-learning companies.

1.1. Types of E-learning training businesses

E-learning training businesses can be classified as follows:

- Content Provider: The main goal of this company is to develop content and sell it to learners or for an organization's specific needs.
- Learning platform providers: These companies offer a range of software programs that facilitate the development and delivery of online courses, from content creation to learner registration and Maintaining course records.
- Learning centers or portals provide learners and organizations with access to learning and training resources from a variety of sources.
- A complete package: Some E-learning training companies perform all the above steps.

In fact, in Vietnam today, some units have carried out all stages of online training such as building their learning materials, self-enrolling students, purchasing facilities, etc. typically the University Hanoi National Economics University. Some units provide facilities, enroll students, etc. such as Topica. Some units only provide training programs or joint training programs such as Tra Vinh University, and Vinh University,...

1.2. Benefits of E-Learning

Participating in online courses gives learners the following benefits:

- *Participating in teaching and learning at any time*: Participants can access the learning program at any convenient time (24/7) not just during the pre-imposed period like a regular course.
- *Participating in teaching and learning anywhere*: Participants do not have to meet face to face, not even in the same country as the teacher. Students and teachers can be anywhere in the world. International sharing is possible and this often makes the learning experience richer and more enjoyable for the learner. Individuals can log in at work, at home, at the library, in a community learning center, or from the hotel where they travel.
- *Asynchronous interaction*: Unlike face-to-face or phone conversations, email questions do not require participants to respond immediately. As a result, learners have time to give their answers and think about what others in the course have written. This, in turn, can lead to more thoughtful and creative conversations.
- *Teamwork*: Electronic messaging creates new opportunities for teams to work together, creating

electronic conversations that are more thoughtful and longer-lasting than voice conversations. Sometimes facilitated by an online moderator, these discussions can resolve many sticking points and are a valuable learning experience.

- *New educational methods*: Many new options and learning strategies become economically viable through online courses. For example, this technology makes it possible to employ instructors anywhere in the world and bring together teaching teams that include experienced teachers, researchers, scientists, and educators. Online courses can also provide opportunities for teachers to share innovations in their work with immediate support from expert instructors.

- *Rich forms of learning through simulation, gaming, and interaction*: Simulations, games, and online collaboration are being used increasingly in e-learning environments. This helps students have better access to reality, better understanding, and more persistent learning.

- *Computer integration*: Online learners have access to computers, so computer applications can be used without excluding student participation. This means that a mathematical model implemented in a spreadsheet can easily be incorporated into a lesson and downloaded so that all students can run, explore, and refine the model, and then share their findings and improvements.

For emerging economies like Vietnam, some obstacles to training can be overcome with e-learning, such as a lack of instructors, difficulty in traveling.... In addition, e-learning can extend access beyond national borders. The development of e-learning training by units in Vietnam helps students in mountainous provinces and islands as well as students working "full-time" to have better conditions and time to perfect their knowledge.

1.3. E-Learning activities

The personal interactivity provided by an Internet-connected computer is believed to contribute significantly to effectiveness in online learning environments. Studies have shown that individual learning environments are significantly more interactive than traditional classroom environments, and a well-designed online learning program can provide many opportunities for personal interaction. more than most classes.

In a classroom, teachers rarely spend more than a few minutes with any one student. As a result, students have few opportunities to interact and often have to work on their own. If the student does not understand the skill or concept, then the problems or exercises the student does are incorrect or develop inaccurate concepts.

1.4. Cost and quality

Web Lecture: Students read assigned materials, participate in audio or video lectures by a renowned professor, and complete multiple-choice exercises, with answers provided. At the end of the course, students take a multiple-choice test

and are graded. This model will have moderate initial build costs to produce audio and mid to high costs to produce video, but if they are already available, the switching costs to play them on the Web are relatively low. short.

Web-mediated seminar: A syllabus posted on the Web indicating the required and recommended readings for a particular course. A senior faculty member guides a group of 10-12 students through a weekly electronic discussion of assigned readings, overarching topics, and issues raised by students. Each student prepares a research paper through a three-step process: an outline is sent via e-mail for feedback from the instructor and two other students, a draft paper is sent for feedback from the instructor guide, and two students and finally submit the completed version. This model has a low initial build cost of about two hours for the Web developer, converting the curriculum to HTML documents and configuring the software for electronic discussions, and several hours to train the instructor. use technology. However, the cost per student will be quite high because it will take a long time for instructors to provide feedback to each student.

Web Portal Course: A senior instructor, an instructional designer, and a Web developer jointly create a web-based course portal that includes a detailed study guide, textbook, Other required and optional readings such as FAQs, multiple choice questions with auto-scoring, links to databases, professional organizations, and other resources. Instructors answer individual questions via e-mail. Students come to the center to take a test with multiple-choice questions and a short essay. Tests and essays are graded by instructors. This course model has a moderate initial build-out cost, including a few days of collaborative planning with senior instructors, instructional designers, and Web developers; several days with the instructor to select the best resources and to develop handouts and FAQs; A few designer days to optimize content presentation and a few more Web developer days to create the Web site. The cost per student will be moderate, given the modest demand for the Web server and only faculty-student interaction.

Web Multimedia Tutor: A web-based artificial intelligence tutor created to guide student learning, tailoring instruction and feedback to the student's individual preferences regarding learning style, knowledge, and skills throughout the teaching process. This guide is based on a learning bank that includes text, video, and visual simulations, assesses student learning, and provides automated feedback. This training method has high initial construction costs and low costs per student.

Some e-learning companies tailor materials to customer needs and provide instant updates on the latest developments in the customer's field of interest. This means that the information disseminated to each learner is the most current. In business, where knowledge is a competitive asset, this is an important variable in evaluating the potential of an e-learning program.

1.5. Barriers to using E-Learning

Implementation costs are high, complex, time-consuming, and lack of high-quality courses. Other barriers include limitations in course offerings, most of which are aimed at the larger

corporate market, and the language of the courses, which are mostly in English. Additionally, there are very few online courses that target the training needs of small and micro businesses.

In Vietnam today, there are several online training units in both English and Vietnamese (Topica), most of the training units are aimed at large-scale businesses such as the program of the International University of Economics. People, Open University,... A few focus on training content for small and medium enterprises. For example, Topica is developing several subjects such as revenue and expenditure management for small businesses and households.

Some risks related to the e-learning business include: constantly changing technology, the need for behavioral changes on the part of learners, and e-learning companies having to merge due to lack of profits.

2. Current situation of E-learning application in Vietnam and international experience

Vietnam, September 2015, the Prime Minister signed Decision No. 1559/QD-TTg approving the Project "Development of distance education for the period 2015-2020", which affirms, "promoting and improving High-quality distance learning programs meet the learning needs of the people in an open, flexible and diversified manner, ensuring integration with the region and the world, contributing to building a learning society.". Currently, domestic universities have expanded online training because of the superiority of this form with many diverse majors. Some typical online university training programs in Vietnam include: *Distance Education Center - Ho Chi Minh City Open University*, established in 1996, is a member of the Association of Distance Learning Schools. far in the world; trained more than 20,000 students in the form of distance learning including 13 majors with 24 majors in economic management, engineering, and technology...; *Distance Learning Center - National Economics University* with online training models NEU-EDUTOP and ENEU with large training specialized groups related to the fields of Economic Law, Business Law, Business English Commerce, Banking, Economic Management, Tourism Management, General Business Administration, Enterprise Administration. The training program is designed according to the 4H model (Students - Image - Effectiveness - Activities) and applies a combination of online and offline training coordinated by instructors. Professional experts and reputable business lecturers. Normally, the study period lasts 9 weeks through theoretical learning on multimedia materials, online Q&A, online homework, and focused testing at the end of the program to ensure output quality. and objectivity in assessing learning quality.

E-learning for teachers

Professional development for teachers through distance education has a long history in some countries by providing printed materials, television, satellite technology, and the Internet. Specifically:

- Create opportunities for teachers to observe teaching practice, reflect, and discuss that practice;
- Create opportunities for teachers to deeply engage in teaching issues and pedagogical methods;
- Allows teachers to access training materials, resources, and media anytime - anywhere.
- Enables teachers to participate in learning communities, share ideas, analyze, and reflect on resources with colleagues and other experts across the city, country, or even the world.
- Provide sustainable, ongoing opportunities for teacher development at an affordable price.

Monterrey Tech, Mexico uses both satellite and online learning to train 25,000 teachers in Mexico and 10 Latin American countries. The teaching certificate program includes 13 courses such as educational technology, educational psychology, critical and creative thinking development, etc. Monterrey Tech has also developed online training programs for principals school.

TeachScape.com is a web-based teacher development system that provides teachers access to videos and courses. Each lesson includes many sample videos of teaching in that area, accompanied by a study plan, student work, and instructions for assessing student work. Teach Scape is designed to provide teachers with observations of exemplary teachers, opportunities for them to analyze their teaching practices to compare with their own, and discuss solutions to teaching challenges. and popular learning. It allows learning communities and online learning groups to form to reflect and analyze teaching practices, groups can be formed flexibly around topics, helping to increase lecturers' awareness. pellets.

Revenue from training activities of higher education institutions will become increasingly more competitive from a transnational perspective but will open up opportunities for online training forms. The development of online training in the world in general and in Vietnam, in particular, has shown to bring many benefits and make significant contributions to the country's economy and society. The people's eagerness to learn as well as the significant advantages of online training are forecast to promote this form of training to thrive in a time that requires the State, schools as well and businesses to Seize the opportunity and consider online training as one of the focuses in your unit's development strategy.

3. Conclusion

In the future, online education will integrate and apply more advanced technologies such as video content, game shows, virtual reality elements, or debates. With these benefits, e-learning has many advantages compared to traditional teaching methods, creating a good environment for interactive and personalized teaching methods for learners. However, e-learning is not a magical tool that can replace traditional learning methods. Therefore, the best solution is still to combine the use of e-learning to supplement traditional teaching methods.

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