Exploring the Impact of Modern Educational Technology on Lifelong Education

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Abstract: Lifelong education, as the name implies, refers to the long life of a person who has to receive education from the beginning to the end. The idea of lifelong education is becoming more and more popular, and the phrase “learning while living” has become one of the most important words that people often say. Lifelong education is profoundly influenced by modern education, because educational technology provides new ways of learning for lifelong education, and is the content of transformation that supports lifelong education from theory to practice, so to carry out lifelong education well, it is very necessary to improve modern educational technology.

Keywords: Modern educational technology; Lifelong education; Impact exploration

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1. Introduction

Education is the basis for promoting human development and social progress, and modern education, as one of the educational constructs, has a profound impact on lifelong education. Modern education technology can promote the development of education modernization, expand education space, make education personalized and interesting, and promote the continuation and development of lifelong education. The concept of “lifelong education” has been integrated into the development and life of human beings nowadays, and has been promoting the formation of a learning society.

2. Development Trend of Modern Education Technology

In the present time of rapid development of information technology, the emergence of network and new media has transformed education technology and comprehensively penetrated into every field of education, not only that,

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information technology is also developing towards popularization, virtualization and systematization, supporting the way of education information dissemination.

3. Impact of Modern Education Technology on Teaching

(1) Expanded Teaching Content and Enriched Knowledge

With the development of science and technology, education technology has also undergone a great transformation, with the popularity of the network, media, reading from the traditional book reading, gradually transformed into e-books and multimedia reading materials, from a single printed version, evolved into the form of reading with illustrations and text, and some even expand the reading into the form of flash animation and audio reading. With the progress of the times, the dissemination of educational knowledge has gradually evolved into a networked dissemination method, which not only makes culture spread faster and wider, but also allows educated people to learn more freely as they are no longer restricted by time and space. In this environment, it is very favorable for the development of lifelong education. With the perfect integration of information technology and curriculum, online education, as the frontier field of education technology, meets the needs of people for learning. The traditional writing mode has also been gradually replaced with the emergence of keyboard input and voice text, making people’s learning and life more convenient and knowledge expansion wider and broader.

(2) Stimulating Students’ Interest and Self-absorption

“Interest” is the driving force that supports students’ continuous learning, and the starting point for students’ exploration of knowledge comes from interest. In the face of the new teaching mode under the curriculum reform, teachers have to change their teaching methods, make students the main body of the classroom, and start teaching from their interests. So, how can we better attract students’ interest and promote their effective learning in the classroom? Modern education technology is a good solution to this problem. The application of modern teaching technology can achieve multi-sensory stimulation at the same time, which in turn enriches students’ experience and makes them naturally interested in classroom knowledge.

4. Trends of Modern Lifelong Education

(1) Internationalization and Lifelong Trend of Lifelong Education

With the continuous transformation of the world landscape, lifelong education has become a part of people’s lives. With the development of the general trend of internationalization, internationalized and general talents are getting more and
more attention, which shows how important it is to cultivate talents with the goal of lifelong education. Lifelong education is a must in the future social environment. Technology is constantly advancing and new technologies are constantly changing society itself, if people do not update their knowledge and participate in lifelong education, they will not be able to keep up with the times and will sooner or later be eliminated by society, so insisting on lifelong education and striving to cultivate international general talents is an important development trend nowadays.

(2) Trend of Diversification of Content and Form of Lifelong Education

Lifelong education is flexible and diverse, and lifelong education has to face the “students” of the whole society, so the content of education is not static, and the form of education is even more flexible and diverse. Along with the growth of human beings, many people who have joined the workforce do not have enough time to go into the classroom for systematic learning, so the network has gradually created online learning, live learning and other learning methods. Such learning mode provides a good platform for lifelong education, and also provides a good help for people in need, we can choose the content and way of learning according to their own needs, for those who do not have enough time, but also eager to learn to improve the very convenient conditions.

5. The Impact of Modern Education Technology on Lifelong Education

With the reform of the education system, the propaganda of “lifelong education” has been deepening, and people’s awareness of education has reached a high degree of importance. Although people’s attitude toward “lifelong education” is recognized, few of them are able to put it into action and carry it out seriously. It can be said that “lifelong education” is only in an ideal state, and it needs the joint efforts and persistence of human beings to carry on “lifelong education” better.

(1) Modern Education Technology Provides a New Way of Learning for Lifelong Education

The emergence of multimedia has provided convenient conditions for human beings to acquire hearts, and educational technology has also undergone a transformation. It has become a common phenomenon that modern education technology comes into the classroom, and the perfect combination of modern education technology with the teaching contents of various subjects not only enhances students’ interest in learning, but also greatly improves the teaching efficiency. Beyond the classroom, students can also expand their knowledge through the Internet and multimedia, which not only enhances their knowledge base, but also lays a good foundation for “lifelong education”.

The emergence of online classroom and multimedia education also provides
convenient conditions for the current form of education, which not only enables people to leave the traditional learning mode, but also allows them to choose the learning content according to their own needs, greatly improving the learning efficiency and making “lifelong education” a good continuation.

(2) Promoting Lifelong Education from Concept to Practice

With the continuous development of information technology, the Internet has become an essential necessity in human life. Whether it is the search for knowledge or the acquisition of various resources, the Internet can provide you with good help. Under this environment, not only people’s learning needs are met, but also provide interest support points for people’s lifelong learning. E-learning is an emerging product of the new era, and once it is launched, it has been widely recognized by people, and it not only has rich resources, but also can meet the knowledge needs of all kinds of people. Thus, the networking of education technology is a good way to promote “lifelong education” and enable people to obtain richer knowledge. Modern education technology has become a means to promote “lifelong education”. In this era of rapid technological development, the network industry, as the core of the information age, has provided good help for all kinds of education today, and human beings can make full use of the advantages of the network and multimedia to carry out all kinds of learning and continue “lifelong education”. Thanks to the advancement of educational technology itself, people can practice constructivist teaching theory to the maximum extent. It covers a wide range of knowledge and a large amount of information, and can provide assistance to all kinds of people in need. It is not limited by time and place, and provides the maximum amount of resources to meet people’s needs.

(3) Information-based Learning

Learning is the process of processing information, from its acquisition to its analysis and finally to its comprehensible memory. Therefore, information is the basis of learning, regardless of the form it takes. “Information-based learning” is not a new learning concept, but a proven method based on the relationship between information and learning. In the current era of information explosion, there is a large amount of information of varying quality that floods our daily lives. Thus one’s learning ability can be equated with one’s ability to process information. Good learning ability can be expressed as the ability to distinguish between good and bad information, to analyze and use good information, and to eliminate bad information. Therefore, developing the ability of “information-based learning” is both a requirement of the times and a desperate measure. Only in this way can people maintain lifelong learning in such an era of information explosion.

(4) Increase Multimedia Teaching

The development of multimedia technology has had a profound impact on the way people learn, because it has greatly changed the way people obtain
information. Before the multimedia era, although there are also video and audio media such as video and audio recordings, the primary way for adults to acquire knowledge is still books, and students need to first understand the contents of the books themselves and then give feedback to the teacher to solve the problems. In this mode, information is often not instantly available for feedback and is rather boring. The development of multimedia technology makes books no longer the main way to obtain knowledge, and people can use the immediacy and convenience of multimedia technology to obtain knowledge better. Feedback on learning is also faster and more convenient. With modern learning software, a person can easily access the multimedia courses they want as long as they have access to the Internet, and if they have questions, they can always access the Internet and search for answers or rely on the power of the online community to get answers to their questions instantly, which is more conducive to maintaining focus and helping people learn better on their own.

6. Conclusion

At present, in the framework of the “lifelong education” system, the human-oriented and social needs-oriented educational goals are gradually reflected, and school education, as the main part of lifelong education, should lay a good foundation for students’ “lifelong education”. Therefore, using new teaching technologies, teachers must change their traditional teaching concepts and actively use multimedia, with the support of information technology. To expand the structure and depth of knowledge, to teach more efficiently, to make students feel the convenience of new media technology, to motivate them to learn independently, to mobilize their interest in new media technology, and to encourage them to use the Internet to find more information outside of class. We use the characteristics of the Internet and multimedia to help students form a good learning attitude and lay a solid foundation for “lifelong education”.

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