

Research on the Application of Modern Educational Technology in Adult Higher Education

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Abstract: With the progress of the whole society and the continuous innovation and development of science and technology, the education cause in China is constantly improving and changing. The continuous adjustment of the education system makes the educational achievements more and more close to the needs of the society for talents, and the high-quality education can train high-quality talents for the society. In recent years, adult higher education has developed rapidly, which provides a good opportunity for the reeducation of adults. Adult higher education has the same and great difference with other age education. Because the educated people are adults, their thinking and knowledge acceptance ability are relatively strong. Therefore, the education needs to adjust the teaching plan according to the characteristics of the educated. The rapid development of science and technology provides a relatively perfect modern education technology for higher adult education. The use of modern educational technology in adult higher education will make the efficiency and achievements of education greatly improved.

Keywords: Modern Education Technology; Adult Higher Education; Application Research

In order to develop adult higher education, educators need to understand modern educational technology, the characteristics of different types of educated people, and reasonably use modern advanced educational technology in adult higher education. With the assistance of advanced educational technology, all aspects of adult higher education can be improved accordingly. With the rational use of advanced modern educational technology, adult higher education can cultivate more excellent and versatile talents for our country with the highest efficiency. This paper discusses and analyzes what is modern educational technology and how to make rational use of modern educational technology in adult higher education.

1. Introduction to modern educational technology

1.1 What is modern educational technology

The so-called modern educational technology refers to the theory and practice of using modern educational theory and modern information technology to optimize teaching through the design, development, utilization, management and evaluation of teaching and learning process and resources. Modern educational technology is to meet the needs of the society for new talents and the needs of social development. It is an educational mode with the educated as the main body of education. Under the guidance of teachers, students use a series of scientific and technological means to learn. If they disagree with teachers' views, they can feed back and ask questions. Teachers are not in an absolute authoritative position. The development of modern educational technology is based on the development of science and technology. It has made great changes in the traditional education mode of listening and recording, saved a lot of unnecessary time and improved the efficiency of teaching and learning. It is the product of modern science and technology, such as network, mobile phone, computer, multimedia and other

equipment, which has been used in education through reasonable planning, so as to provide more possibilities for modern education.

1.2 Advantages of modern educational technology

Because modern educational technology is completed by a variety of modern science and technology, it avoids the constraints of time, space and other conditions in the traditional teaching mode. Through the extensive use of modern educational technology, students can learn relevant courses according to their own needs and time arrangements, and they can also communicate with teachers in time through the network and other devices for the difficulties encountered in learning. Through modern educational technology learning, no matter where students can enjoy the same conditions of educational resources, students' learning materials cannot be limited by books, and in the process of learning, they can use the network to quickly find relevant knowledge to those not comprehensively explained knowledge points, in order to make students' knowledge has been greatly expanded.

2. How to make rational use of modern educational technology in adult higher education

2.1 Using network and video equipment to carry out network classroom.

Because in adult higher education, the main body of education is adults, and their work study contradiction is more prominent, so they can't go to the classroom on time every day like other students. In order not to affect the learning progress of this kind of students and make them learn more and more perfect knowledge in the limited time and space, educators can provide online courses for students who can't attend the courses every day. With the assistance of intelligent devices such as network and video devices, they can provide convenient class mode for all kinds of students to the greatest extent, so that they can arrange according to their own time and choose their spare time to complete the learning content. It can avoid the impact of time coordination on the teaching progress of themselves and the whole class, and the network teaching is not subject to space arrangement. A teacher can give lectures to thousands of students, greatly saving educational resources. For example, during the epidemic period, all levels of education across the country adopted the mode of online lessons at home, and so did adult higher education. The development and utilization of modern educational technology made it unnecessary for students to stop school during the epidemic period, thus minimizing the impact of the epidemic on education. All teachers use various types of live teaching platforms to teach online, and students' tasks are also carried out through the online distribution mode. Teaching, assignment and assessment are all completed online. In this way, while fighting against the epidemic, adult higher education also uses the online course to complete its due teaching.

2.2 Building online communication platform and completing online tutoring for teachers

Adult higher education is different from other types of education. Teachers often teach in more than one school, and students are not always in the school. So once students find out what problems they find in their study, if they take face-to-face inquiry in traditional teaching mode, most of the problems cannot be solved in time. In the face of such a situation, online tutoring of teachers is particularly important. At this time, we can use modern education technology to build a platform for communication between students and between students and teachers. Problems encountered by students in the process of learning can be released on the established communication platform for the first time, and other students or teachers can communicate and answer the questions raised by students, so as to ensure the timeliness of the answers to the students' questions, and promote the smooth communication between students and teachers. Through such a platform, students can choose any time, no matter what they are doing, as long as there are learning questions, they can put forward timely, and teachers can also see the timely guidance. The advantage of online counseling is that it can save a lot of time, avoid teachers' multiple answers to the same problem, and expand students' learning resources, so as to avoid the influence of time or space, which leads to the problem cannot be solved in time, thus affecting the acquisition of students' knowledge.

2.3 Making full use of the network computer-aided method to reform the evaluation method

In education, it is very important for teachers to understand all aspects of students' learning. Assessment is the most

intuitive embodiment of students' mastery of the content in class. Only when teachers have a correct and clear understanding of students, can teachers make their own teaching plan according to students' situation. In the traditional teaching mode, examinations are mostly on-site assessment. It is difficult for adult higher education students to achieve. Due to the large number of students taught by higher education teachers, their free time is different, which leads to most students cannot participate in the assessment regularly.

By using modern educational technology, the summative assessment mode of some courses of students is set to the mode of "taking the exam as you study", which greatly improves the utilization rate of students' time and avoids the problems that affect students' performance due to the inability to participate in the assessment. Through the mode of computer-based examination, the judgment and collection of scores have greatly improved the speed of work. Through the collation of computer data, tutors can clearly and quickly know the comprehensive situation of their students, and can also clearly understand the situation of the students with more prominent problems. According to the problems fed back by the system, tutors can learn more about the comprehensive situation of their students, adjust their own teaching progress, so as to make the situation reflected in the assessment more accurate and effective.

3. Conclusion

The implementation of adult higher education is mainly affected by the characteristics of adults themselves. In order to greatly improve the effectiveness of adult higher education, educators need to make rational use of modern educational technology and make up for the problems that are easy to appear in adult education through advanced teaching methods. For example, the opening capacity is easily affected by time and space. The reasonable use of modern educational technology can make up for this problem to a great extent. Through the use of modern technology, the unnecessary workload of teachers and students can be reduced, so that both teachers and students can maintain sufficient energy for teaching and learning, and the efficiency and performance of adult higher education can be improved. Adult higher education can cultivate talents for the society with higher efficiency, and promote the development and progress of China's higher education through the development and use of modern educational technology.

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