

Analysis of Computer Teaching Mode in Colleges and Universities Based on Modern Educational Technology

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Abstract: With the continuous progress and development of society, the application of the computer is more and more widely, the demand for computer talents is also more and more, which puts forward new requirements for the computer teaching of colleges and universities, colleges and universities want to adapt to the development of The Times, must constantly improve the level of computer teaching, among them, modern educational technology is a very important means. But there are still some problems in computer teaching in Chinese universities at present. These problems have seriously restricted the improvement of computer teaching quality. In this regard, this paper will start from the following aspects, elaborated the college computer teaching strategy based on modern educational technology, in order to be able to provide some necessary references for relevant educators.

Keywords: Modern educational technology; University computer; Teaching mode; Strategy analysis

Computer teaching is a very important content in college teaching. Computer course is a compulsory course in college education, but with the development of science and technology, the traditional teaching mode can not meet the needs of society. In the new era, modern educational technology is widely used in college computer teaching, which is a supplement and perfection to the traditional teaching mode. Modern educational technology applied in college computer teaching, can play the role of multimedia, network, computer and other advanced equipment, create a good teaching environment, stimulate students' interest in learning, so that students in a relaxed and pleasant environment to learn knowledge and skills, therefore, under the background of the new era, actively explore the application path of modern educational technology is very necessary.

1. Based on modern educational technology of college computer teaching problems

1.1 Lack of advanced educational ideas

The application of modern educational technology in college computer teaching requires teachers to combine modern educational ideas with traditional computer teaching ideas, so as to effectively enhance students' interest in computer learning and enhance their learning motivation. However, because of the application of modern educational technology in college computer teaching, teachers lack of advanced educational ideas, unable to choose the most suitable teaching method for students according to the actual situation. At the same time, many teachers lack of computer theoretical knowledge and practical operation ability, unable to effectively improve students' practical application level.

1.2 Teachers' application ability of modern educational technology is not strong

In college computer teaching, teachers' teaching methods have great influence on students' learning effect. Therefore, college teachers should enhance their application ability of modern educational technology and provide better teaching services for students. However, at present, when Chinese colleges and universities computer teachers are using modern educational technology to carry out teaching, because of the influence of traditional teaching mode, the teachers have great misunderstanding on the application of modern educational technology, and believe that as long as the use of modern educational technology can improve the quality of computer teaching. In addition, teachers rely too much on multimedia courseware, computer aided instruction software and other modern educational technology means in computer teaching, but ignore the traditional computer teaching methods. In this case, computer teaching in colleges and universities can not give full play to the advantages of modern educational technology.

1.3 Computer teaching model is too simple

Modern educational technology is a new way of teaching, but there are still many problems in its practical application. In computer teaching, college computer teachers only pay attention to the explanation and teaching of textbooks, but ignore the interaction with students and the cultivation of students' thinking ability. Because college students have a large individual difference when learning computer, so teachers in the classroom to let every student get the corresponding development of teachers and students need to fully and effectively exchange and communication, so as to stimulate students' enthusiasm for learning.

1.4 Conflict between modern educational technology and traditional educational technology

Modern educational technology and traditional educational technology play an important role in college computer teaching, but there is a certain conflict between them, which requires college computer teachers to combine the specific teaching content to choose the appropriate teaching methods. In the traditional education technology, teachers usually use explanation, demonstration, simulation and other ways to teach students. These teaching methods have certain drawbacks, for some more abstract or more complex knowledge points can not be explained effectively, resulting in students do not have a thorough understanding of computer knowledge, which seriously affects the quality of computer teaching.

2. College Computer teaching strategies based on modern educational technology

2.1 Building an open teaching model

In the traditional teaching mode, students just passively accept the knowledge taught by teachers, but ignore their own subject status. Teachers impart knowledge and skills to students, but students can't take the initiative to explore the mystery. The application of modern educational technology and the establishment of an open teaching mode in computer teaching in colleges and universities is beneficial to stimulate students' interest in learning and cultivate students' self-learning ability. Therefore, teachers should combine classroom teaching with computer application, so that students can experience the fun of practical operation in class. Teachers should design different experimental courses according to different teaching contents, so that students can practice independently. For example, in computer class, teachers can make some cases related to computer application into courseware for students to watch. In this way, students can have a certain understanding and understanding of cases when watching courseware, and learn how to apply relevant knowledge to real life. In this way, students' learning interest and independent learning ability can be effectively cultivated. Teachers should give full play to the role of multimedia equipment, according to the teaching content set up the corresponding experimental lessons, so that students understand and master the computer knowledge in practice.

2.2 Create a good learning environment

Computer is a very complex electronic product, computer teachers must have very high professional skills, in order to do a good job in teaching. If students want to have a good learning environment, they must be prepared. First, in class, teachers should introduce multimedia, network and other teaching equipment into the classroom to create a good learning environment for students. Secondly, teachers need to have a wealth of knowledge and technology reserves, to be able to effectively guide and guide students in class, so that students can better learn computer knowledge. At the same time, teachers should also let students have a certain understanding of computer courses. For example, teachers can use courseware to introduce some basic concepts and operating skills. At the same time, teachers can also organize students to exchange discussions, investigation and research activities. In addition, teachers can also use multimedia equipment to show some pictures, animations, videos, audio, etc., so that students can know more about computer knowledge and materials.

2.3 Rational use of modern educational technology means

In college computer teaching, reasonable use of modern educational technology means, can improve the effect of computer teaching, stimulate students' interest in learning, so that students have a strong interest in computer learning, and can learn computer knowledge and practical application. When teachers use modern educational technology, they should choose according to the actual situation, and can not blindly use modern educational technology means. For example, when teaching some abstract knowledge in computer courses, teachers can use multimedia teaching methods to visualize and visualize the abstract knowledge so that students can understand and master it more easily. But not all knowledge can be applied to multimedia teaching. When using multimedia technology for computer teaching, teachers should pay attention to the use of multimedia technology, can not overuse courseware, avoid ignoring the nature and purpose of computer learning. Teachers should pay attention to the timing and content when using modern educational technology to teach. Generally speaking, when using multimedia technology to teach, we should choose the time when students have more free time in class and are interested. If students lose interest in computer learning, no matter how good

modern educational technology means can play its role. Teachers should reasonably use modern educational technology to teach according to the actual situation of students in order to achieve better results.

2.4 Establish a sound assessment system

Assessment system is a test of students' learning results, which can effectively motivate students to take the initiative to learn and improve learning efficiency. In traditional teaching mode, students' learning process and learning results can not be evaluated effectively. In order to improve the quality of computer teaching in colleges and universities, teachers should establish a perfect assessment system to evaluate students' learning effectively. Before teaching, teachers should do a good job of preparation, choose the appropriate teaching content, assign homework and tasks. In the course of teaching, students should be effectively supervised and managed. Teachers should give correct guidance to students and carry out all-round assessment on students through various forms such as guidance, question answering and testing. In the process of examination, students can be assessed by written examination or computer examination. In the written examination, it can take two forms: closed book examination or open book examination. If the computer course has two parts: theory course and experiment course, can use the computer theory course and experiment course two forms of assessment. In the theory course, we should set theoretical and experimental questions according to the course content. In the experimental course, different types of experimental questions should be designed according to the students' learning situation. This assessment system allows students to be evaluated comprehensively. Teachers can provide students with some relevant materials, test questions and other information through the Internet, multimedia and other platforms; By setting up question bank, establish question bank website and other ways to provide students with good learning conditions.

Conclusion:

In conclusion, with the development of science and technology, more and more attention has been paid to modern educational technology. Its application in college computer teaching can not only improve teaching efficiency, but also stimulate students' interest in learning. Therefore, college teachers should change their ideas, take students as the foundation, cultivate students' innovative spirit and practical ability, and cultivate more talents with high comprehensive quality for the society. Teachers should take teaching objectives as the starting point, proceed from the reality, and constantly innovate teaching methods and teaching content. Only in this way can we stimulate students' interest in learning and improve the efficiency of classroom teaching. At the same time, teachers should actively explore the application strategies of modern educational technology in college computer teaching, and innovate college computer teaching methods and methods. Only in this way, can the quality and level of college computer teaching be continuously improved.

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