

Application of Computer Information Technology in Teaching Management

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ABSTRACT

As we all know, our country's science and technology have been continuously innovated and developed for recent years, and our country has also entered the track of information technology. In this context, all walks of life have also made use of the advantages of science and technology, and constantly made innovations and improvements in products. In this context, great changes have also taken place in the educational community, and teaching is also constantly changing and innovating. As the use of computer information technology continues to expand, the effect of computer technology in school teaching management will be more prominent. Therefore, in the teaching management work, schools should pay attention to the significant effect of using computer information technology, so as to make more room for education management work.

KEYWORDS

Computer information technology; Teaching management; Computer; Application development

1 Introduction

With the continuous innovation and development of science and technology, information technology has also been vigorously developed. With the integration of computer information technology in the field of education, the means and methods of teaching have also broken the limitations of time and space. In teaching management, schools can use the advantages of computers to set up corresponding education websites to promote the development of education and teaching. And students can also use the advantages and features of computers to expand their own access to knowledge.

2 Overview of Information Technology

Integrating information technology into teaching management is equivalent to information-based teaching management. It refers to the flexible use of the characteristics and advantages of information technology to carry out teaching management in the process of education. In teaching management, the integration of information technology can not only improve the quality and efficiency of teaching, but also reduce costs to a certain extent. In information technology, multimedia is a common medium and is widely used in teaching. Information technology can also complete the data collation, collection, storage, and transmission through a

variety of media, so that students can more three-dimensional and comprehensive absorption of the transmitted knowledge, which also makes up for the shortcomings of traditional education methods.

3 Significance of Computer Information Technology in Teaching Management

(1) Improving the Efficiency of Teaching Management

The objects of teaching management in schools are usually teachers, students, courses and all other teaching activities. There are many objects to be managed and the contents are more complex. Therefore, the teaching management in schools is more difficult. If the traditional management methods are used ignorantly, the work will be more difficult and the quality and efficiency of teaching management will be reduced. The use of information technology can reduce the difficulty of management personnel and improve the efficiency of teaching management, because schools can use teaching software to make a reasonable arrangement of courses, and accurately determine a series of classroom information. At the same time, information technology can also promote the close relationship between schools and departments, and accurately communicate information between departments, further improving the efficiency of teaching management.

(2) Standardizing Teaching Management

In the teaching management, we should standardize the management process, make the teaching management more standardized and institutionalized, so as to improve the efficiency and management quality of the teaching management department. Schools can set up their own education management system by means of information technology. In the education management system, teachers can arrange courses, students can select courses, teaching management departments can evaluate teachers, etc. The education management system needs to include various educational activities and management systems, which can further promote the development of teaching management.

(3) Efficient Use of Teaching Resources

The integration of information technology into teaching management can enable the sharing of teaching resources. When teaching management is integrated into information technology, schools can make use of the advantages of information technology to standardize and unified management of teaching resources, which enables departments to timely understand and make decisions on teachers' teaching situation and teaching quality. At the same time, the information-based teaching management mode can also transform all kinds of teaching resources into information-based resources through the means of information technology, and then share the resources through the way of the campus network, so that the teaching resources can be effectively managed.

(4) Optimizing Teaching Methods

With the integration of information technology, teachers have become more convenient in teaching. They can make the way of research broader through information technology virtual classes. Because there are a variety of resource information bases in computer information technology and resources can be shared, teachers from different regions and schools can

exchange and learn each other on the Internet. In addition, schools can use computer information technology and multimedia as a medium to train teachers remotely, so as to improve their teaching quality and professional degree.

4 Application of Computer Information Technology in Teaching Management

(1) Application of Information Technology in Teaching Quality Management

In the process of teaching, exams are often used to test the learning and teaching of students and teachers. The results of exams are often the basis for examination, but the results of exams do not often determine the teaching quality of a school. This kind of examination is more traditional, and has certain limitations and changes. However, integrating information technology into teaching management can integrate and summarize scores and data, while information technology has some concealment, so data security is higher. At the same time, information technology can find out the existing teaching problems for students' achievements, teachers' teaching quality and so on, and then carry out targeted innovations and changes to improve the teaching quality.

(2) Application of Information Technology in Classroom Teaching Management

As we all know, the teaching methods in China were quite traditional. Teachers often dominated the teaching process, while students were always in a more passive position in the learning process, which often made students less motivated. When computer technology is added to the classroom, it will enable the learner to be the main body, and let the learner explore and communicate independently. When conducting courses on the Internet, it will be able to use the resource sharing characteristics of computer technology to enhance the learner's desire for knowledge, which will enable the students to learn and think freely, further stimulate the students' imagination and creativity, and at the same time, improve the quality of teaching.

(3) Application in Online Teaching

With the continuous development of information technology, online teaching has been widespread. Influenced by the epidemic, teachers can use information technology to give students online classes, so that teaching is not limited by space. Students can also use information technology to find teaching resources of related courses on the network, and do not have to go to the library to read paper books. With information technology, sound and picture can be more intuitive and stereo, so that students can feel the same. When students read e-books, they can disseminate reading, and all kinds of information and knowledge are interrelated. Students can disseminate from one knowledge point to another. At the same time, the relationship between teachers and students can be improved through video teaching, and learning information can also be shared to achieve a win-win effect.

(5) Application of Information Technology in Student Performance Management

In the process of learning, students often have various grades, which often need to be recorded systematically. Due to the large number of students, different classes, grades, majors and so on, one-to-one system management is required. However, different stages of learning result in different grades, so the management of students' results is a complex and cumbersome work. It would waste a lot of manpower and material resources if recorded in a traditional way.

With information technology, students can summarize and rank the results of each student and each stage through data processing software, and analyze them one-to-one. Students can also query their own scores through the corresponding scoring platform, changing the original scoring method, which makes the management of results more convenient, transparent and clear.

(6) Using Information Technology to Establish Learning Service Platform

In addition to using information technology to optimize teaching management, you can also use information technology to establish a corresponding learning service platform, which can share educational resources, and students can also understand various related learning dynamics in the platform. When establishing the platform, you can set up teaching practice, communication, testing, etc. to establish a platform for learning and management, which can not only facilitate students, Learning between teachers can also promote the management of their teaching.

5 Conclusion

Under the background of the continuous development of computer information technology, information technology also plays an important role in teaching management. Therefore, schools should also pay attention to and strengthen the application of information technology. At the same time, with the help of the characteristics and advantages of information technology, schools should continuously improve and innovate their management methods to make teaching management more standardized.

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