

Research on the Application of Computer Basic Network Teaching Management

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Abstract: With the popularization of computer network courses in Colleges and universities, the teaching requirements for computer network courses are becoming higher and higher. In order to meet the increasing demand for students' knowledge, the management application research of computer basic network teaching is put forward, which has important practical value.

Keywords: Computer foundation; Network teaching; Management; Research

1. Introduction

At present, the continuous development of modern technology in our country makes people's life better and better. Whether it is daily communication or shopping or business office, people can directly complete their work and life through the computer network. Computer storage data and network carrying capacity are also the most valuable information at present. People enjoy the convenience brought by computers and are attacked by the network to a certain extent. The basis of computer network is brought by binary system, and the encryption methods are different according to the different algorithms. However, because the basis of computer is the same, it is easy to be attacked by network hackers, so it can be directly attacked by network hackers. As a result, personal privacy and confidential value information can easily be stolen by those hackers. Therefore, strengthening the training of computer security personnel is the type of personnel urgently needed by the current social computer profession [1-3]. Teaching management is an important part of University management. Every activity in Colleges and universities is carried out in an orderly way around Teaching management. At present, with the rapid development of information technology, the advantages of computer network technology have been widely concerned by colleges and universities, and it has been widely used in the teaching management of colleges and universities. Using computer network technology to establish an efficient teaching management model is the inevitable demand of the development of the times. It can promote the reform and innovation of teaching management model in Colleges and universities, and improve the management efficiency and quality [4-5]. With the development of modern quality education, more and more attention has been paid to the quality of school education and personnel training mode. In the current era of knowledge economy, in order to make

school education better adapt to the needs of the times, we should actively change the traditional exam-oriented education model and concept, pay more attention to the cultivation of students' practical ability and innovative ability, and regard the cultivation of innovative and practical talents as the direction of education and teaching development, which is not only in quality education. The implementation process is an inevitable requirement, and it is also an inevitable requirement for schools to achieve sustainable and long-term development.

In the process of computer network teaching in Higher Vocational colleges, it is not only necessary to cultivate students' innovative ability in the development of school education and society, but also necessary in the improvement of students' comprehensive ability and the cultivation of students' self-development ability. It has a good promotion in the comprehensive and sustainable development of students. Use. In the teaching process of computer network course, by incorporating the cultivation of innovative ability, students can better think about themselves and explore independently. It can not only enable students to better grasp relevant teaching knowledge and save energy, but also expand students' thinking, and help students to study and work in the future. Promote students to achieve sustained and good development through continuous improvement in their work [5].

2. Current Problems in Computer Network Teaching

In the actual teaching process of computer network course, the smooth development of teaching reform is closely related to teachers' teaching and students' learning concepts. As far as the actual situation of the development of higher vocational colleges is concerned, it seems to many teachers that as long as they can train the students' vocational ability well after teaching, they

can accomplish the teaching objectives of higher education, and they have not paid much attention to and recognized the students' innovative ability. Because the teachers of computer network course fail to attach importance to the cultivation of students' innovative ability, it will have a negative impact on the cultivation of students' innovative ability and the development of teaching reform. In addition, in the current teaching process of computer network course, not only teachers' ideas are relatively low, but also many students lack attention to the cultivation of self-innovation ability in the learning process. The existence of these factors will have a negative impact on the teaching reform and ultimately affect the teaching quality.

In the teaching process of computer network course in Higher Vocational colleges, because of the influence of traditional teaching ideas and modes, many schools and teachers still choose the traditional indoctrination teaching mode. In the view of many teachers in Higher Vocational colleges, traditional teaching methods are not implemented and they fail to realize clearly that traditional teaching methods can not meet the actual needs. Because of the application of traditional teaching methods, the teaching content of courses is dull and lack of interesting, so it is difficult to arouse students' interest in learning. In addition, for the computer network course, it has a strong technical and contemporary nature. The application of traditional teaching mode will lead to classroom teaching becoming a didactic classroom, which will inevitably have a negative impact on students' interest in learning, and thus will have a negative impact on the teaching reform of computer network course.

2.1. Using Computer Network Technology to Establish an Efficient Teaching Management Model

Renewing the concept of teaching management and strengthening the importance of computer network technology. Using computer network technology and updating modern teaching management mode, we should change the traditional teaching management concept, strengthen publicity and education in schools, so that teachers and students have a correct understanding of teaching management and computer network technology. Colleges and universities can hold lectures on information management to enhance teachers' and students' awareness of the application of information technology, which will help lay the foundation for the application of computer network technology. Because computer network technology can promote the informationization construction of teaching management in Colleges and universities and improve the quality and efficiency of teaching staff, we should further strengthen and improve the basic teaching facilities and equipment in Colleges and universities,

formulate a scientific and effective internal assessment mechanism, and stimulate teaching staff by setting up many mechanisms such as rewards and punishments. Work enthusiastically and contribute to the construction of school informatization.

Construct an efficient management team to improve the professional ability and comprehensive quality of educational administrators. The rapid development of the times can not be separated from the support of high-quality talents, and so can the development of teaching management in Colleges and universities. Only by building computer network system and efficient management team can we strengthen the effective use of information technology. To further strengthen the application of computer network technology in university teaching management, colleges and universities should first improve the professional ability and comprehensive quality of teaching administrators, promote teaching administrators to learn independently, master computer application technology and network information technology skillfully, set up information development ideas and improve themselves. Information management level. With the expansion of enrollment, the number of students is gradually increasing, the teaching management is complex and the amount of information is large, which requires higher information processing for the relevant personnel. Therefore, the school must formulate a scientific and reasonable training plan in accordance with its own development and its duties, so as to enhance the professional competence and comprehensive quality of educational administrators. Maintenance, fundamentally strengthen the teaching management force, build and improve the talent recruitment system, absorb social professionals, to provide vitality and vitality for the construction of teaching management team in Colleges and universities.

Reform of teaching content. Reform of computer network security experiment teaching content is very necessary to improve the quality of experiment teaching. It is necessary for computer teachers to subdivide the content and purpose of computer network security experiment teaching according to their own experience. For example, in the pre-teaching experimental project, the basic knowledge of network and security and confidentiality technology are explained in detail. According to the idea of attack first and defense later, the attack and defense technology of network security can be explored in depth from the network and computer security resources, which includes security systems, network and application systems. Technology and so on. In the latter stage of teaching, the integration of the security technologies in front of the network can help to realize the overall solution of network security. To a certain extent, it can promote computer students to establish the overall framework of the network security

experimental teaching system and so on. To a certain extent, it will increase the design experiment and comprehensive experiment of computer network security experiment teaching.

3. Problems that Should be Paid Attention to in the Experimental Teaching Reform of Computer Network Security

Attention should be paid to the corresponding assessment of the results of computer network experiment teaching. The fundamental purpose of the reform of computer network security experiment teaching is to improve the knowledge and skills of computer majors, and to train more computer network security maintenance related talents for the society. Therefore, the effect of computer network security experiment teaching should be effectively observed, so as to determine the actual effect of computer network security experiment teaching reform on the training of computer talents. Computer teachers should also pay attention to those successful network security experimental projects for public display, and to lead students to carry out detailed analysis, etc. They can also let the computer network security experimental teaching group, in the form of open discussion and learning, only in this way can the computer network security be ensured. Only through the reform of experimental teaching can we embark on the road of sustainable development.

4. Conclusions

In the current information age, the traditional teaching management model is difficult to meet the needs of social diversification. In order to further solve the needs of large-capacity information processing, colleges and universities must strengthen the application of computer network technology, construct a modern teaching management model, change the concept of teaching management, strengthen the construction of teaching

team, improve the professional level and comprehensive quality of teaching staff, and correctly and reasonably develop teaching management model and construct centralized management. The system further strengthens the development of information, improves the efficiency and quality of teaching management, and promotes the sustainable development of teachers and students. In a word, the reform of computer network security experiment teaching is to improve the related problems of computer network security teaching and the main way to improve students' knowledge and skills. Our colleges and universities should reform the teaching mode and content of computer classroom and students' network security teaching, and attach importance to practical teaching. As a result, the development of more computer majors can meet the urgent needs of computer network security maintenance personnel in today's society

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