Cultivation of Students' Innovative Ability on Colleges Computer Teaching

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Abstract: In the fierce market competition environment, the society has higher and higher requirements for the innovation ability of college students. Under such a background, in the process of computer course teaching in universities, it cannot be limited to traditional computer teaching methods. Theoretical indoctrination, neglecting the teaching mode of students' computer hands-on ability training, but promoting the improvement of students' innovative ability through the teaching mode based on the cultivation of innovative ability. In view of this situation, in this paper, we will specifically combine the actual situation of computer teaching at the current stage to explore how to improve the computer innovation ability of students through the innovative research on the university computer teaching mode.

1. Introduction

In the computer teaching of colleges and universities, it is very important to cultivate students' ability to innovate. As the current competition among enterprises shows a trend of day-to-day, enterprises must be in a continuous position to innovate in the fierce market competition, and innovation is an inexhaustible motive force for enterprise development. Therefore, in the computer teaching of colleges and universities, teachers must have a plan to focus on the students' innovative ability to ensure that students meet the requirements of the employer after graduation, and also ensure that students are more smoothly employed and improve their comprehensive competitiveness. With the continuous development of college education, the level of computer teaching in colleges and universities is constantly improving. Under such circumstances, many teachers have neglected the cultivation of students' innovative ability, and paid too much attention to the teaching of students' theoretical knowledge. Conducive to the cultivation of students' innovative ability. As we all know, in the information age today, the high-speed flow of information allows students to acquire knowledge from a variety of sources. It also requires students to have sufficient processing power for this knowledge, and innovation ability is one of the necessary skills to deal with knowledge. In the computer teaching of colleges and universities, teachers can only enable students to grasp the key points of learning in computer learning, and comprehensively deal with computer knowledge, and also ensure that students will learn the computer. Knowledge integration will ensure the improvement of students' computer application level to further meet the needs of enterprises, so that students can gain more development opportunities in the work of enterprises and achieve the good development of students. Therefore, it is very necessary to cultivate students' innovative ability in computer teaching in colleges and universities.

2. Current Situation of Computer Teaching in Chinese Universities

Computer is a discipline that needs to combine theory and practice, and has high requirements for students' theoretical knowledge and practical ability. However, through the investigation and research in this paper, it is known that the computer teaching in Chinese universities generally has the status quo of theoretical teaching and lack of practical teaching. Mainly reflected in the following aspects: First, the curriculum of computer teaching in colleges and universities is unreasonable. For many colleges and universities, computer teaching is mainly based on theoretical teaching, and less hours of practical teaching, so students cannot better the theoretical knowledge

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that I have learned is applied to the practice process, so that students' ability to innovate cannot be cultivated in practice. Second, because many colleges and universities are currently focusing on the examination of students' computer skills, this is caused by students in order to obtain Higher scores, active learning of theoretical knowledge, neglect to improve their computer level in practice, and thus unable to better cultivate students' innovative ability through practice.

At present, many colleges and universities in the process of computer teaching, there are still problems behind the teaching model, mainly reflected in the following aspects: First, with the gradual popularization of personal computers, many students have access to computers. However, there are certain differences in the computer skills of different students. However, in the process of computer teaching, there is no hierarchical teaching based on the differences in students' computer abilities, which cannot provide a good environment for the cultivation of students' innovative ability. Second, at present, many colleges and universities are using traditional computer teaching. In the theoretical teaching mode, teachers explain relevant knowledge in the classroom, and students can only passively accept knowledge. However, this teaching mode cannot exert the enthusiasm of students, thus affecting the cultivation of students' thinking ability and innovative ability.

For the computer teaching in colleges and universities in China, it needs to be carried out in a good teaching environment to be conducive to the cultivation of students' innovative ability. However, through the investigation of the current computer teaching environment in China's colleges and universities, the teaching environment needs to be improved, mainly in the following aspects: First, for computer teaching, some theoretical courses involve more complicated professional terms or majors. Knowledge requires students to repeat the review to understand, but many colleges and universities do not use multimedia teaching mode, which cannot provide students with a good learning environment, which is not conducive to the cultivation of students' innovative ability. Second, for computer teaching in colleges and universities, there is a need for certain practical teaching, but at present many colleges and universities do not have specialized laboratories, nor do they purchase relevant computer equipment, and cannot conduct practical courses in computer teaching. This is not conducive to cultivating the practical ability of students' computers and making them better. Develop your own innovation ability.

3. Analysis on the Cultivation of Students' Innovative Ability in Computer Teaching in Colleges and Universities

In order to effectively improve the efficiency of university computer teaching for students' innovative ability, in the process of university computer teaching, the university computer teaching method should be updated and studied according to the characteristics of students. In response to such a situation, in the process of reforming university computer teaching, university computer course teachers should fully grasp the students' actual computer learning characteristics, create an atmosphere for students to study computer courses in the classroom, and stimulate students to conduct university education. The interest in computer course learning, the construction of efficient university computer classrooms, and thus effectively enhance students' computer innovation ability. At the same time, in the process of reforming and creating the university computer innovation model, teachers should fully realize the problems existing in the traditional teaching methods and conduct targeted reforms on teaching methods. For example, in the teaching process of web design of a university computer, the teacher can organically combine the actual case and the teaching content of the use of the webpage in life. Inform the students of the Taobao shop's web design method, and let the students use the data to analyze the actual computer problems. In this way, students can effectively stimulate students' interest in computer knowledge learning, and help students to learn computer knowledge and practical problems. Organically combined to enhance students' computer innovation and association skills.

In the process of teaching university computer courses, if students simply carry out university computer operations and theoretical knowledge, it is easy for students to have a boring feeling about the university computer course. In response to such a situation, in the process of teaching university computer courses, students are allowed to practice the computer knowledge of the university by

themselves. Under such a background, the students' interest and attention will be quickly concentrated, and then the students are happy. In the process of learning, you will master the analytical application skills of basic university computers. Teachers can flexibly intersperse the basic teaching content of some university computer courses, which will help students to deepen students' understanding of university computer knowledge under the happy learning atmosphere, and lay a foundation for the further study of computer theory knowledge. In view of such a situation, it can be seen that in the process of teaching computer courses in universities, it is not possible to stick to the traditional teaching methods. Teachers should take a different approach to the selection of teaching methods and target the innovation of university computer practice skills as much as possible. For example, in the process of teaching the second-level C language of university computer teaching, university computer teachers can take a simple programming process to the multimedia presentation of the class to test the program programmed by the students. In this way, students can quickly learn the interest of learning, create a strong learning atmosphere in the classroom, and promote the improvement of students' computer innovation ability.

In the process of teaching computer courses in universities, in order to ensure the innovative effect of teaching mode, university computer teachers should carry out targeted teaching mode update, promote the formation of a good university computer learning atmosphere, and then ensure that students are carrying out university computers. In the process of course learning, it is possible to spontaneously conduct exploration and study of university computer course knowledge, improve the teaching efficiency of university computer course courses, and effectively improve students' computer innovation ability. At the same time, as a traditional discipline, a set of teaching modes has been formed in the process of teaching computer courses in universities. Therefore, in the process of university computer teaching mode innovation, we must fully pay attention to the reform and exploration of traditional teaching methods, which requires the university computer course teachers to position themselves and get rid of the limitations of traditional teaching thinking. At the same time, it is necessary to fully ensure that students can have independent consciousness of university computers and improve the teaching efficiency of university computer teaching. In the process of innovating the university computer course teaching mode, it is necessary to fully pay attention to the actual analysis and research of students. The ability to exercise allows students to improve their computer innovation ability through continuous practice calculations.

In the process of teaching computer courses in universities, university computer courses can adopt cooperative teaching methods, allowing students to practice by hands, help each other and make progress together. At the same time, through the use of group collaborative learning in university computer courses, students can also effectively improve the hands-on efficiency, and thus improve the teaching efficiency of the university computer course. For example, in the process of conducting university computer exercises, the teacher can assign the students according to the actual situation of the study, and give each study group a university computer task. For example, "using a second-level C language knowledge to compile a simple calculation software" and other topics, allowing students to independently use the university computer course knowledge to solve practical problems, at the same time, in the process of each group's research on the subject, Give corresponding guidance, let each team member contribute their own strength, let the students complete the verification of the subject independently on the basis of mutual cooperation. Through this kind of teaching method, students can cooperate with each other to enhance their understanding of university computer knowledge.

4. Conclusion

In the process of cultivating the university's computer innovation ability, students can participate in the university computer course learning process by updating the teaching methods, invigorating the classroom teaching atmosphere, and reforming the original teaching mode to effectively improve the students' computer application ability. It is the development direction of the future university computer course teaching reform, and it is also the fundamental guarantee for university students to improve their knowledge structure and enhance their innovation ability.

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