

Research on the Application of Blended Learning Model in Computer Teaching

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Abstract: This paper briefly introduces the basic meaning and orientation of blended learning mode, and analyzes the problem from the blended learning requirements. Based on this, effective application measures of innovating classroom teaching mode, using WeChat platform for assisted instruction, narrowing the relationship between teachers and students, paying attention to after-class learning and evaluation, and correcting homework through blended teaching mode are put forward. This paper aims at improving the teaching quality and laying a solid foundation for the all-round development of students by using the mixed learning mode in the teaching process of the computer.

1. Introduction

At present, with the rapid advance of information technology in China, changes have taken place in the ways of information transmission and knowledge acquisition, as well as in the teaching methods and resources of colleges and universities. Under the background of the Internet era, students can take advantage of abundant network resources to achieve diversified learning. Teachers should completely change the teacher-centered teaching model and introduce the blended learning model. To maximize the leading role of teachers can gradually strengthen the communication between teachers and students. Combining the traditional learning mode with the network system. It is gradually applied in the computer teaching to form the complementary advantages, create a good teaching atmosphere, and improve the quality of teaching on the basis of promoting the all-round development of students.

2. Positioning of Blended Learning Mode

Based on the analysis of the traditional teaching mode, most of the computer teaching are carried out in the classroom, according to the content of the textbook and the content of the syllabus. In order to improve the application efficiency fundamentally, it is necessary to combine the traditional mode with the network learning and comprehensively reform the difference and the main role of students. Network learning, is the form of learning through the network, the use of new teaching tools. At present, computer technology, multimedia has gradually become a new teaching tool, a complete transformation of teaching materials. Students as the absolute subject, sound, pictures and influence as an auxiliary way of teaching. Make use of multimedia to provide students with more intuitive man-machine interaction mode. Teachers must make clear the positioning of blended learning model, use diversified ways to stimulate students' learning interest, and put forward more stringent requirements for computer teaching.

3. Problems with Needed Attention in Blended Learning

In the process of computer teaching, in order to better achieve the application of blended learning mode, the relevant teaching staff must innovate learning methods, starting from the liberation of students' minds, and effectively stimulate students' interest in learning. In order to allow students to better control the knowledge they have learned, teachers must guide students appropriately according to their knowledge system. Because in the actual teaching process, knowledge does not all come from the network. Computer technology is only an important tool to

promote blended learning. In the process of understanding and mastering computer knowledge, teachers must combine classroom teaching with computer technology, and take students as the absolute subject to gradually expand students' knowledge level [1].

In order to fundamentally exercise students' thinking ability and operational ability, teachers should be comprehensive in the process of computer teaching to avoid affecting students' learning interest due to monotonous and boring classroom. In addition, teachers should provide enough space for students to learn in this environment, so as to inspire their divergent thinking.

4. Application Path of Blended Learning Model for Computer Teaching

4.1 Innovate Classroom Teaching Models

In traditional computer teaching in colleges and universities, the innovation of classroom teaching mode is the main part of teaching activities. In the teaching process of traditional computer courses, it is mainly demonstrated by the teacher on the computer, and the principle is explained step by step, and the theoretical knowledge is explained in each link of practice. The content in the early computer teaching is relatively simple, students can also understand. However, with the continuous progress of computer technology, teachers need to explain more in the actual teaching process, and the original explanation model has been unable to meet students' learning requirement. In the follow-up computer course, teachers will spend a lot of time on explanation, which leads to poor practical ability of students [2].

In the blended learning mode, the problems in the teaching process can be solved by comprehensively optimizing the teaching classroom. The use of blended learning methods, not only take computer theory teaching as the basic content, but also pay more attention to practical operation. Students are no longer passive to introduce knowledge, but can participate in the use of computers in the process. This method will make gradually innovative teaching model and improve the quality of teaching.

4.2 Use Wechat Platforms for Assisted Instruction

In the process of utilizing WeChat platform for assisted instruction, multiple functions such as group chat model and public platform can be used to gradually carry out blended teaching. When teachers always want to communicate with students individually, they can use private chat windows to carry out one-to-one instruction. For example, when the computer course is over, but students still have questions that they do not understand, they can ask the teacher and have a comprehensive discussion. The use of group chat model mainly means that teachers can set up a group chat window to explain the problems that most students do not understand. This learning method is not limited by time and space, and it can also provide feedback to computer learning materials. In combination with the actual need of computer teaching in colleges and universities, teachers can conduct experimental communication and homework release in the WeChat group. In the process of releasing learning resources, all students should be assured to participate in the process. Students can share the resources they think good, strengthen the communication with teachers and improve their practical ability. During the answering questions, students can ask questions boldly and communicate with classmates. For difficult topics, teachers can divide students into different groups, create additional discussion groups, and explore the class, generally in groups of 5-8 students. The WeChat public platform is established to enable teachers and students to give feedback on their experience on the platform, and students can also make bold comments on the platform [3]. Based on this, gradually build a blended, integrated teaching method, to lay a solid foundation for the healthy development of students.

4.3 Close the Relationship between Teachers and Students

In the traditional teaching process, teachers explain knowledge in class, which lacks communication with students, and students have no absolute freedom of speech. However, in the context of blended learning mode, teachers should pay greater attention to communication with

students, discuss problems with students and communicate with each other. In this process, the teacher must listen to the student's opinion positively, carry on the detailed solution regarding the student proposed question. For example, in the application teaching of Photoshop, teachers can discuss with students about text design, color design and other issues, so that students can make clear how to modify colors in the process of discussion. After students master the basic ideas, they can use their own ideas to design [4]. Teachers should make it clear that there is no fixed answer for these works, and they should give students space for self-development, and evaluate the effects by teachers. In the blended learning mode, teachers should make a reasonable evaluation of the work made by students, and find out excellent work for students to explain. In addition, the transfer of works among students will enable them to identify their own shortcomings, boldly ask questions in class, and make appropriate adjustments to their work. Finally, teachers should make plain the difficulties in teaching materials, adjust the teaching schedule and methods appropriately, solve the problems in computer teaching, constantly improve the teaching efficiency, and effectively improve students' scores by strengthening the communication between teachers and students.

4.4 Focus on after-Class Learning and Evaluation.

In the actual teaching process of computer, in order to fundamentally to guarantee the effect of blended learning, teachers should evaluate students reasonably and supervise students from all aspects. In the process of experimental assessment of students, teachers must set a clear proportion according to the importance of classroom content, so that students can master the corresponding skills, but also can effectively improve students' practical ability. In addition, teachers will be online testing and computer practice as an important test of students' actual learning. To further expand after-class learning, teachers should form a fine network form on the Internet, so that students can also read in their spare time. Owing to the rapid development of computer teaching, the emergence of new knowledge at the same time, will have an impact on the trend of development. Based on this, teachers should reasonably make use of the benefits of the Internet to set up discussion areas and give students corresponding limits of authority, so that students can feel the fun of computer learning [5].

4.5 Homework Corrections through Blended Learning Model.

Correcting homework is not a one - way process. It is not the case that students only need to finish the homework assigned by the teacher, but a two-way teaching method. The teacher carries on the homework correction, not only is for the understanding student's actual result, but also is for obtains the higher economic benefit from the appraisal opinion, enables the student to discover in time to the computer knowledge understanding mistake and the deviation. In general, when teachers grade homework, they judge proper, wrong and grade without timely feedback of corresponding comments to students [6]. Students often don't know where they are wrong or what kind of mistakes they might make when they receive a grade. By using the blended learning method, teachers can use the voice, text and picture information to feedback the meaning of evaluation to the network platform, which can not only carry out one-to-one communication and explanation, but also enable students to face the mistakes intuitively and effectively improve the effect of computer teaching. In addition, teachers can let students really involved in the operation of correcting, for some problems, in WeChat group discussion, to modify into students will learn from each other, effectively stimulate students' learning enthusiasm and effective implementation of hybrid teaching mode, to lay a solid foundation for improving computer teaching quality.

5. Summary

To sum up, as an essential tool of modern communication, computation plays an important role in the development of China. Based on this background, in the actual teaching process of colleges and universities, teachers should analyze the actual situation of students according to the elementary requirements of blended teaching, and gradually realize the teaching mode with students as the subject and teachers as the guide. However, there are still many problems in the process of practical

application. Teachers should combine traditional teaching with information technology, gradually guide students to be independent, lay a solid foundation for the comprehensive development of students, and effectively improve the quality of computer teaching in colleges and universities.

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