Research on the Innovation of Classroom Teaching Mode in Vocational Colleges under the Background of "Internet Plus"

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Abstract: Innovation in teaching models is a basic requirement of the Ministry of Education for schools. If a school wants to achieve development, it cannot adhere to traditional rigid teaching models. At the same time, innovating teaching models is also an important requirement for improving education and teaching effectiveness. Through innovation in teaching models, the inherent drawbacks of the current teaching model can be removed and the classroom teaching effect can be better played. The rapidly developing internet era provides unprecedented development opportunities for innovative teaching models. Schools should establish internet learning platforms to encourage students to actively and independently participate in online learning. This paper discusses the classroom teaching model in vocational colleges under the background of "Internet plus", and how it serves our daily teaching activities.

Keywords: Internet Plus; Vocational Colleges; Innovation in Teaching Mode

1. Introduction

The advent of the Internet era has brought unprecedented changes to many industries. The proposal of "Internet plus" has brought new opportunities for human development. People can make use of the advantages brought by "Internet plus" to develop, and the influence of the Internet has also spread to the entire education sector. Whether it is general education or vocational education, the reform and innovation of education and teaching mode is an eternal topic, while "Internet plus" can also promote the innovation of teaching mode, build an Internet network learning platform with the help of the Internet platform, and cultivate students' initiative, in order to end the passive learning situation of students under traditional educational models and improve the overall teaching effectiveness.

2. About "Internet plus"

As the most eye-catching field in the future Internet industry, "Internet plus" is widely regarded as the representative of advanced productive forces. In recent years, its role in the education sector has become stronger and stronger. It has made outstanding contributions to reshaping the development of education, improving the comprehensive efficiency of education, and making revolutionary changes in education and teaching models. The "Internet plus" era has posed a huge threat and impact on our inherent traditional teaching pattern formation. Of course, it is also trying to promote the creative reform of the traditional teaching model.

In the context of "Internet plus" education and teaching, more people have also learned about the innovation of learning mode with the help of the Internet, a widespread communication tool. People now pay more attention to the "human dimension" in the learning process. Under the Internet based conditions, students' entire learning process, evaluation and feedback information can be fully used as effective information for information transformation. With the help of internet thinking, teaching will also pay more attention to students' deep-seated educational needs and provide targeted training for them.

3. Current status of traditional teaching models

3.1 Paper textbooks limit the stimulation of students' interest in learning

Due to the current use of paper-based textbooks in vocational education institutions, the most we can see is only some text and static images. The content presented in these textbooks cannot fully stimulate students' interest in learning and cannot visually display some applications in practical projects. Students mainly learn through imagination, and the knowledge learned from books cannot be directly related to practical life applications, making it more difficult to absorb and digest knowledge that is already obscure and difficult to understand, let alone stimulate students' interest in learning. Some students even consider paper books as a burden, and in their view, textbooks are used by teachers to assign homework, which is of no other use.

3.2 Teachers, as knowledge imparters, are unable to successfully mobilize students' learning enthusiasm

With the development of higher vocational education, the source of students in vocational colleges is gradually becoming diversified. Nowadays, classroom education is mostly dominated by teachers, and students passively accept the knowledge imparted by teachers. However, this model can no longer meet the daily needs of students. The quality and level of students are uneven, and there is a significant gap in their level of proficiency. Different students have different levels of knowledge, and their understanding of the same knowledge is also different. Unified teaching by teachers cannot make all students understand or meet the knowledge needs of all students. As a result, students' mastery of knowledge decreases and their enthusiasm for learning naturally fades away.

4. New teaching mode under the background of "Internet plus"

The successful development of internet information technology has opened the door to the era of the Internet of Things, undoubtedly injecting fresh blood into our educational development. The traditional multimedia teaching we used to adhere to is no longer able to meet the needs of teaching development in the current Internet era. Therefore, the emergence of various new teaching models is inevitable. Among the new teaching models, MOOC, flipped classroom and other teaching models have received great attention and support from people, and have also attracted many educators to apply them in teaching practice.

Almost all students have heard of the "MOOC" platform. As a large-scale online course open learning platform, "MOOC" has been loved and supported by many teachers and students, as well as people from all walks of life. Due to the lack of time and space limitations in this type of learning, it becomes accessible. Learners can hold mobile phones, computers, and other electronic mobile devices to learn anytime and anywhere, realizing the desire to obtain knowledge without leaving home. At the same time, they can also master some learning resources that were not available before, which is undoubtedly a good thing for improving their learning ability. In addition, MOOC also integrates various social tools and different styles of digital learning resources, showcasing a rich range of courses to users in various forms, and winning the favor of the public with a unique learning experience.

Flipped classroom, also known as "reversed classroom," refers to the process of transferring learning initiative to users by adjusting their learning and working hours. In this open teaching mode, learners can fully utilize various learning time, improve the efficiency of learning and discussion, and facilitate students to strengthen their understanding and application of knowledge at a deeper level. Teachers can also guide students' learning through this software, and students can learn basic knowledge through the platform. The main activity in class is also group communication and discussion. Flipped classroom overlaps with some other classroom teaching modes, but the ultimate goal is to enhance students' learning enthusiasm.

5. Teaching innovation practice methods in vocational colleges under the background of "Internet plus"

5.1 Developing mobile learning resources

To better carry out mobile learning, learning resources must be in place, and "cloud textbooks" are also a major highlight of the learning process. By redesigning the course structure, recording the key and difficult points related to the course, micro classroom videos are formed to facilitate students' repeated learning and viewing, forming a complete "cloud textbook" system. The setting of this cloud teaching material is in line with the interests of students and teachers, with rich media resources, no longer limited to paper books, including micro classrooms, cartoons, test questions, etc. It can provide students with sufficient space to play, record and count the learning trajectory of each student, and also facilitate effective communication between students and teachers.

5.2 Building an online learning platform of "Internet plus mobile terminal"

We can use the cloud class platform to create some classes according to our own needs. Students can enter their own class learning through this mobile app, and in their own class, they can obtain learning resources provided by the teacher, such as PPTs, exercise questions, etc. Similarly, students can also engage in Q&A debates in class. In order to better check class attendance rates, students can use mobile platforms for online and offline check-in. The establishment of cloud based classes was initially for the convenience of learning. From the current development situation, cloud based classes have also played a prominent role in the construction of the entire learning system. Teachers can more conveniently record the phased learning behavior of each student, and provide targeted knowledge supplementation for key and difficult points based on test responses. Students can also privately ask teachers for advice, and each student's learning differences are inclusive.

The mobile learning system will monitor the learning status of each student in real-time, thus smoothly achieving effective communication during the teaching process.

6. Conclusion

"Internet plus" has become the trend of the times and is the trend of current and future education reform. Information technology is developing, educational concepts are updating, teaching models are innovating, and teaching methods are increasing. We should learn to make full use of information resources in this environment, and establish more effective education and teaching mechanisms, not only in the field of higher vocational education. The concept of "Internet plus" combined with teaching should be spread to the whole teaching process, and extended to the teaching of primary schools, middle schools and universities. Only in this way can more people know, understand and accept these, and then innovate and create, in order to cultivate students' learning and creativity, guide them to establish correct values, and find a path to success suitable for themselves.

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